



## Western Region Product Catalog



Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314 | milbankworks.cor



### **Milbank Overview**

Energy At Work since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With 90 years of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.

#### METERING



As a market leader in electrical metering equipment, Milbank has set the standard for quality since 1927. Hundreds of configurations are available, including many sizes, knockout configurations, terminal configurations, bypass options, hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.

#### ENCLOSURES



Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireway, trough and industrial panel mount and push-button enclosures. Built with high-quality craftsmanship and materials which meet or exceed industry standards, Milbank enclosures are made to protect controls and equipment from dust, dirt and other harmful elements found in a wide variety of environments.



#### ENCLOSED CONTROLS

Milbank doesn't just build empty enclosures. We can deliver the entire package, complete with custom control equipment built to your exact specifications by our engineers. Milbank commercial pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures. Milbank's manual and automatic transfer switches are durable, easy to install and compatible with most generators.



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Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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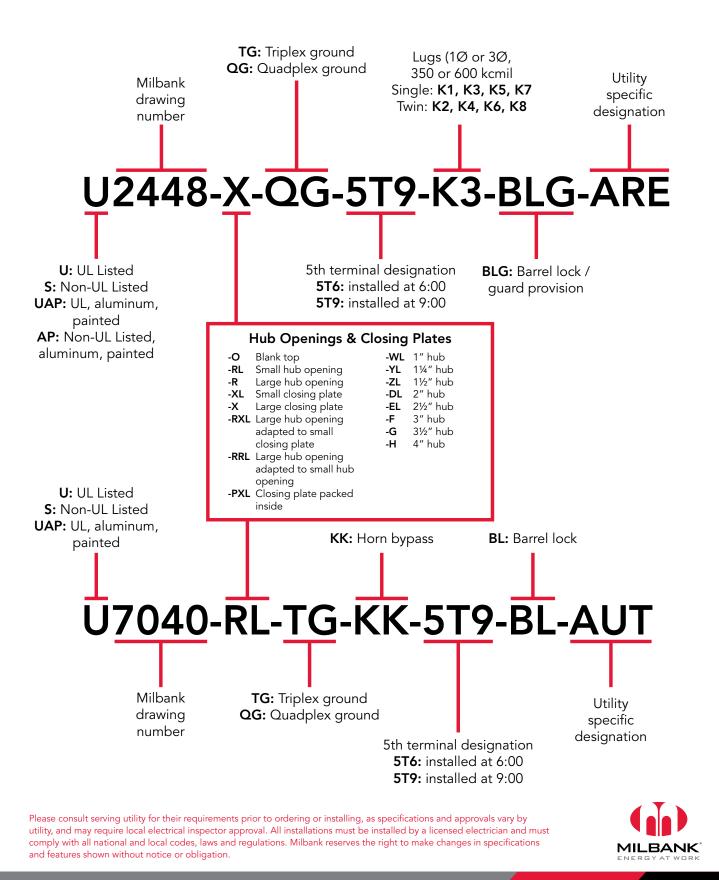


### **Catalog Number Logic**

How our product catalog numbers are derived

CATALOG

LOGIC



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### **Air Conditioner Disconnects**

30-60 Amp | Fusible & Non-Fusible





Milbank's air conditioner disconnect has a removable hinged cover for ease of installation. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90U galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

| Catalog<br>Number | Amp | Туре        | Max<br>H.P. | Weight | Line/<br>Wire I | Load<br>Range | Ground Wing |                          | Dimensions |            | Wire I  | Rating  |
|-------------------|-----|-------------|-------------|--------|-----------------|---------------|-------------|--------------------------|------------|------------|---------|---------|
| Number            |     |             |             | (lbs.) | CU              | AL            | Range CU/AL | D"                       | W"         | Η"         | CU °C   | AL °C   |
| U3802             | 60  | Non-Fusible | 10          | 3.25   | #14-#2          | #12-#2        | #14-4       | <b>21</b> / <sub>2</sub> | 5          | <b>7</b> ½ | 60°/75° | 60°/75° |
| U3812             | 60  | Non-Auto    | 10          | 3.25   | #14-#2          | #12-#2        | #14-4       | 21/2                     | 5          | 71⁄2       | 60°/75° | 60°/75° |
| U3832             | 30  | Fusible     | 3           | 2.5    | #14-#3          | #14-#3        | #14-3       | 21/8                     | 5          | 7          | 60°/75° | 60°/75° |
| U3862             | 60  | Fusible     | 10          | 3.3    | #14-#3          | #14-#3        | #14-3       | 21⁄8                     | 5          | 9          | 60°/75° | 60°/75° |

#### 30-60 Amp | 1Ø 240 VAC | Air Conditioner Disconnects

#### Notes

- UL listed as Enclosed Pullout Switch
- Type 3R rain resistant
- One-inch concentric knockouts

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### **Air Conditioner Disconnects**

60 Amp | With 20 Amp GFCI Receptacle



U3822-20GWR

#### **Specifications**

- Meets NEC #210.63 requirements
- UL listed as Power Outlet
- Type 3R enclosure
- In-use cover\*
- Duplex ground connector
- 1" concentric knockouts

- 1Ø, 240 volt
- 60 amp, non-fused
- 20 amp GFCI receptacle
- Reset/test button
- Weather and tamper resistant
- Meets NEC #406.8 requirements

#### 60 Amp | 1Ø, 240 VAC | Air Conditioner Disconnect with GFCI Receptacle

| Catalog<br>Number | Туре        | Max<br>H.P. | Weight<br>(lbs.) | Line/Load<br>Wire Range |        | Ground<br>Wire Range | Dimensions |    | Wire I | Rating  |         |
|-------------------|-------------|-------------|------------------|-------------------------|--------|----------------------|------------|----|--------|---------|---------|
| Number            |             |             |                  | CU                      | AL     | CU/AL                | D"         | W" | H"     | CU °C   | AL °C   |
| U3822-20GWR       | Non-Fusible | 10          | 6                | #14-#2                  | #12-#2 | #14-4                | 41/5       | 5¼ | 7⅔     | 60°/75° | 60°/75° |

#### Notes

- Disconnect Pullouts: To ensure the safest conditions, Milbank disconnect pullouts are reversible so they may be reinstalled in the OFF position.
- Padlock Provision: All units are designed with a padlock provision on the cover for security.

\*In-Use Cover: Cover is rated as an in-use cover (cover may be closed with cords plugged into receptacle).



### Hot Tub Disconnects

Type 3R Enclosures



U4881-O-50GB

#### **Specifications**

- 240 volt ground fault protection
- UL listed, Type 3R rain resistant enclosure
- 2-pole, 50 amp GFCI breaker protection
- Compact size
- Three or four wire installation



U4881-O-60GB

- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

#### 100 Amp | Hot Tub Disconnect or Sub Panel Breaker Enclosure | Type 3R

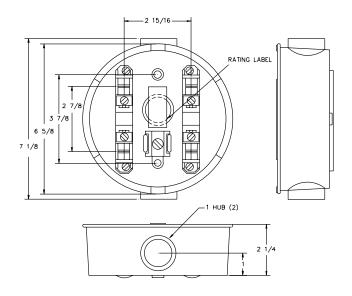
| Catalog<br>Number | Breaker | Туре              | Weight |         | Load<br>Range | Ground<br>Wire Range | Dir | nensio    | ons  |
|-------------------|---------|-------------------|--------|---------|---------------|----------------------|-----|-----------|------|
| Number            | Amp     |                   | (lbs.) | CU      | AL            | CU/AL                | D"  | W"        | H"   |
| U4881-O           | —       | Breaker Provision | 7      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | <b>7½</b> | 81⁄2 |
| U4881-O-50GB      | 50      | Breaker           | 8      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | <b>7½</b> | 81⁄2 |
| U4881-O-60GB      | 60      | Breaker           | 8      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | 71⁄2      | 81⁄2 |



10 3D-100 AMP SINGLE POSITION SOCKETS

### Single Position Sockets 30-100 Amp | 4 Terminal | Ring Type





#### **Applications**

100 amp max rated is ideal for use on:

- Temporary service
- Outdoor advertising
- Small customer service
- Other low amp requirements

#### 30-100 Amp | 4 Terminal | Economy Cast Socket | Ring Type | Single Position

| Catalog   | Terminal | Somilao | Lluk   | Connecto | ors CU/AL | Quantity    | Concentric           |
|-----------|----------|---------|--------|----------|-----------|-------------|----------------------|
| Number    | Terminal | Service | dun    | Line     | Load      | Per Package | Knockouts            |
| AP2300-03 | 4        | OH/UG   | 1"     | #12-1/0  | #12-1/0   | 12          | ³⁄4", 1"             |
| AP2300-04 | 4        | OH/UG   | 1 1/4" | #12-1/0  | #12-1/0   | 12          | <sup>3</sup> ⁄4", 1" |

#### Notes

- Fifth & Sixth Terminal: Contact factory.
- Sealing Ring: Supplied with a snap action sealing ring.
- Hub: Units supplied with cast in hub on top and bottom. Consult factory for availability of other hub sizes.
- Bypass: Also available with auto bypass. Contact factory.



### **Single Position Solar Sockets**

100 Amp | 4 Terminal | 600 VAC

100 AMP SINGLE POSITION SOCKETS







U5934-XL-BLG

U6087-XL-INS

U4175-RL-BLG

#### 100 Amp | 4 Terminal | Residential Solar Sockets | Standard Neutral

| Catalog       | Socket Service |         | U    | Connecto | ors CU/AL | Din   | nensi | ons |   | Knoc | kouts |     |
|---------------|----------------|---------|------|----------|-----------|-------|-------|-----|---|------|-------|-----|
| Number        | Туре           | Service | пир  | Line     | Load      | D"    | W"    | H"  | 1 | 2    | 3     | 4   |
| U4175-RL-BLG* | Ringless       | OH/UG   | H.O. | #12-1/0  | #12-1/0   | 35⁄16 | 8     | 11½ | 2 | 1½   | 1¼    | 1⁄4 |
| U6087-XL*     | Ring Type      | OH/UG   | C.P. | #12-1/0  | #12-1/0   | 35⁄16 | 8     | 11½ | 2 | 1½   | 1¼    | 1⁄4 |
| U6087-XL-INS* | Ring type      | OH/UG   | C.P. | #12-1/0  | #12-1/0   | 35⁄16 | 8     | 11½ | 2 | 1½   | 1¼    | 1⁄4 |

| 100 Amp | 4 Terminal | Residential Solar Sockets | Integral Isolated Neutral Option |
|---------|------------|---------------------------|----------------------------------|
|---------|------------|---------------------------|----------------------------------|

| Catalog      | Socket    | Service | Hub  | Connecto | ors CU/AL | Din   | nensi | ons  |   | Knoc | kouts |     |
|--------------|-----------|---------|------|----------|-----------|-------|-------|------|---|------|-------|-----|
| Number       | Туре      | Service | пир  | Line     | Load      | D"    | W"    | (H*) | 1 | 2    | 3     | 4   |
| U5929-XL-INS | Ring Type | OH/UG   | C.P. | #12-1/0  | #12-1/0   | 35⁄16 | 8     | 11½  | 2 | 1½   | 1¼    | 1⁄4 |
| U5934-XL-BLG | Ringless  | OH/UG   | C.P. | #12-1/0  | #12-1/0   | 35⁄16 | 8     | 11½  | 2 | 11/2 | 11⁄4  | 1⁄4 |

#### Notes

•-BLG: Barrel lock guard knockout provision.

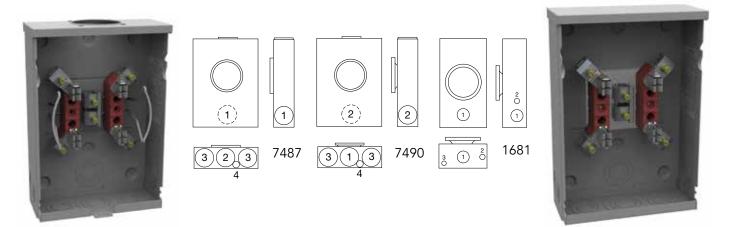
- Hubs: Accepts standard meter socket hubs.
- Construction: Units are Type 3R for durable outdoor use, lockable and sealable.
- \*Application: The standard bonded neutral units are applicable in areas where utility does not require an isolated neutral.



125 AMP SINGLE POSITION SOCKETS

### **Single Position Sockets**

125 Amp | 4 & 7 Terminal | Ringless & Ring Type



U7487-RL

#### U7490-O

#### 125 Amp | 4 Terminal | Ringless | Single Position

| Catalog  | Terminal | Service | Hub   | Connecto | ors CU/AL | Dunasa | Dir   | nensi | ons |      | Knocl | couts |     |
|----------|----------|---------|-------|----------|-----------|--------|-------|-------|-----|------|-------|-------|-----|
| Number   | Terminal | Service | пир   | Line     | Load      | Bypass | D"    | W"    | H"  | 1    | 2     | 3     | 4   |
| U7487-O  | 4        | UG      | Blank | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 11/2 | 2     | 11⁄4  | 1⁄4 |
| U7487-RL | 4        | OH/UG   | H.O.  | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 1½   | 2     | 1¼    | 1⁄4 |

#### 125 Amp | 4 Terminal | Ring Type | Single Position

| Catalog  | Terminal | Service | Hub   | Connecto | ors CU/AL | Durage | Din   | nensi | ons |      |    | Knoc | kouts |   |     |
|----------|----------|---------|-------|----------|-----------|--------|-------|-------|-----|------|----|------|-------|---|-----|
| Number   | Terminal | Service | пир   | Line     | Load      | Bypass | D"    | W"    | H   | 1    | 2  | 3    | 4     | 5 | 6   |
| U7490-O  | 4        | UG      | Blank | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 11⁄2 | 1½ | 2    | 1/2   | _ | 1⁄4 |
| U7490-RL | 4        | OH/UG   | H.O.  | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 11⁄2 | 1½ | 2    | 1/2   | — | 1⁄4 |

#### 125 Amp | 7 Terminal | Ring Type | Single Position

| Catalog  | Torminal | l Service | Hub  | Connecto | ors CU/AL | Bubbes | Din  | nensi | ons |   |     | Knoc | kouts | 5        |     |
|----------|----------|-----------|------|----------|-----------|--------|------|-------|-----|---|-----|------|-------|----------|-----|
| Number   | Serminal |           | пир  | Line     | Load      | Bypass | D"   | W"    | Н"  | 1 | 2   | 3    | 4     | 5        | 6   |
| U1681-RL | 7        | ОН        | H.O. | #6-2/0   | #6-2/0    | None   | 41/8 | 10    | 18½ | 2 | 3⁄4 | 1/2  | _     | 1/4, 1/2 | 3⁄4 |

#### Notes

- Fifth Terminal: For field mounted fifth terminal on the U7487 & U7490 order catalog number 5T8K2 to fit into round opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: Ring type units supplied with an MR-2 snap action sealing ring as standard.



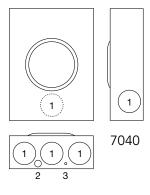
## Single Position Sockets

200 Amp | 4 Terminal | Ringless

13 200 AMP SINGLE POSITION SOCKETS

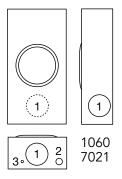


U7040-XL-TG



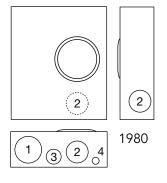


U1060-RL





U1980-O



#### 200 Amp | 4 Terminal | Ringless | Single Position

| Catalog     | Terminal | Service | Service | Service | Link   | Connecto | ors CU/AL | Dumana | Dir | nensi                    | ons  |      |                                      | Knoc     | kouts | ; |  |
|-------------|----------|---------|---------|---------|--------|----------|-----------|--------|-----|--------------------------|------|------|--------------------------------------|----------|-------|---|--|
| Number      | Terminal | Service | пир     | Line    | Load   | Bypass   | D"        | W"     | H"  | 1                        | 2    | 3    | 4                                    | 5        | 6     |   |  |
| U1060-RL    | 4        | ОН      | H.O.    | #2-350  | #2-350 | None     | 41⁄8      | 8      | 15½ | 2                        | 3⁄4  | 1⁄4  | —                                    | —        | 1⁄4   |   |  |
| U1527-O     | 4        | UG      | Blank   | #2-350  | #2-350 | None     | 41/8      | 11     | 15½ | 2                        | 1/2  | 1⁄4  | <b>2</b> <sup>1</sup> / <sub>2</sub> | 1/4, 1/2 | 1⁄4   |   |  |
| U1980-O     | 4        | UG      | Blank   | #6-350  | #6-350 | None     | 41⁄8      | 13     | 15½ | 3                        | 21/2 | 1⁄4  | 1/2                                  |          | _     |   |  |
| U7021-RL-TG | 4        | ОН      | H.O.    | #6-350  | #6-350 | None     | 41/8      | 8      | 15½ | <b>21</b> / <sub>2</sub> | 1/2  | 1⁄4  | —                                    | _        | _     |   |  |
| U7040-XL-TG | 4        | OH/UG   | C.P.    | #6-350  | #6-350 | None     | 41⁄8      | 11     | 15½ | 1/2                      | 1⁄4  | 21/2 | _                                    |          | _     |   |  |
| U7043-XL-TG | 4        | OH/UG   | C.P.    | #6-350  | #6-350 | None     | 41/8      | 13     | 15½ | 21/2                     | 1/2  | 1⁄4  | _                                    | —        | _     |   |  |

#### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: Extruded aluminum connectors are tin plated.



14 <sup>200 AMP</sup> SINGLE POSITION SOCKETS

### **Single Position Sockets**

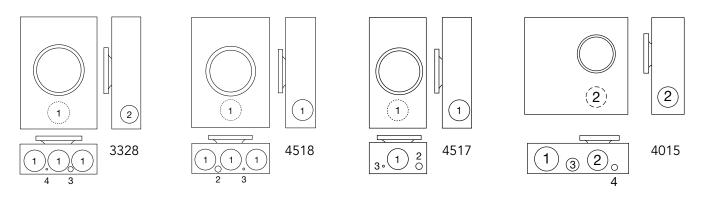
200 Amp | 4 & 7 Terminal | Ring Type



U3328-RXL



U4518-O-W



#### 200 Amp | Ring Type | Single Position

| Catalog     | Terminal | Samiaa  | Hub   | Connecto | ors CU/AL | Dumana | Din  | nensi | ons   |                          | Knoc | kouts | 3   |
|-------------|----------|---------|-------|----------|-----------|--------|------|-------|-------|--------------------------|------|-------|-----|
| Number      | Terminal | Service | пир   | Line     | Load      | Bypass | D"   | W"    | Η"    | 1                        | 2    | 3     | 4   |
| U4517-DL-M4 | 4        | ОН      | 2"    | #6-350   | #6-350    | None   | 41⁄8 | 8     | 15½   | 21/2                     | 1/2  | 1⁄4   | _   |
| U4518-XL-W  | 4        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41⁄8 | 11    | 15½   | <b>21</b> / <sub>2</sub> | 1/2  | 1⁄4   | _   |
| U4518-O-W   | 4        | UG      | Blank | #6-350   | #6-350    | None   | 41⁄8 | 11    | 151⁄2 | 21/2                     | 1⁄2  | 1⁄4   | _   |
| U4015-O     | 4        | UG      | Blank | #6-350   | #6-350    | None   | 6    | 14    | 16¼   | 3                        | 21/2 | 1½    | 1/2 |
| U3328-RXL   | 7        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41/8 | 13    | 19    | 3                        | 21/2 | 1⁄2   | 1⁄4 |

#### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: The above ring type units are supplied with a MR-4 screw type sealing ring as standard.



# **Single Position Sockets** 200 Amp | 4 Terminal | Flush Mount | Ring Type

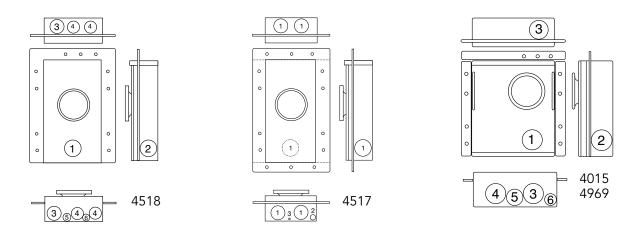


UF4518-KO



SINGLE POSITION SOCKETS

UF4015-KO



#### 200 Amp | 4 Terminal | Flush Mount | Ring Type | Single Position

| Catalog    | Terminal | Comico  | LL.L | Connecto | ors CU/AL | Dunner | Din  | nensi | ons   |      |                          | Knoc       | kouts      | ;    |     |
|------------|----------|---------|------|----------|-----------|--------|------|-------|-------|------|--------------------------|------------|------------|------|-----|
| Number     | Terminal | Service | Hub  | Line     | Load      | Bypass | D"   | W"    | H     | 1    | 2                        | 3          | 4          | 5    | 6   |
| UF4517-KO  | 4        | ОН      | K.O. | #6-350   | #6-350    | None   | 51/8 | 8     | 15½   | 2    | 1/2                      | 1⁄4        | —          | —    |     |
| UF4518-KO  | 4        | OH/UG   | K.O. | #6-350   | #6-350    | None   | 51/8 | 11    | 151⁄2 | 2    | 2                        | 21/2       | 21/2       | 1/2  | 1⁄4 |
| UF4015-KO  | 4        | UG      | К.О. | #6-350   | #6-350    | None   | 5    | 14    | 16¼   | 21/2 | <b>21</b> / <sub>2</sub> | <b>2</b> ½ | <b>2</b> ½ | 11/2 | 1/2 |
| UF4969-KO* | 4        | UG      | K.O. | #6-350   | #6-350    | None   | 71/2 | 14    | 16¼   | 21/2 | 21/2                     | <b>2</b> ½ | 3          | 11/2 | 1/2 |

#### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: Ring type units are supplied with a MR-4 screw type sealing ring as standard.
- \* UF4969 can only be used in a 2 x 6 wall.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

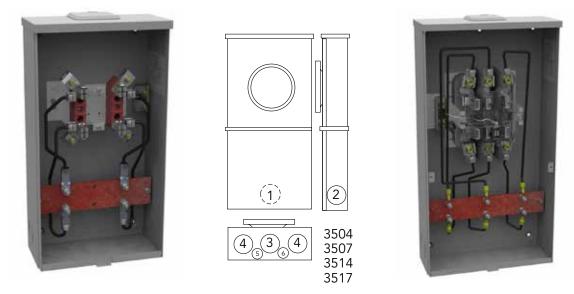


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125-200 AMP LINK BYPASS SINGLE POSITION

### Link Bypass Single Position

125-200 Amp | 4 & 7 Terminal | Ring Type



U3504-XL

U3517-XL

| 125 Amp   4 & 7 Terminal | Ring Type | Link Bypass | Single Position |
|--------------------------|-----------|-------------|-----------------|
|--------------------------|-----------|-------------|-----------------|

| Catalog  | Terminal | Somilao | Uuk  | Connecto | ors CU/AL | Din  | nensi | ons   |   |   | Knoc | kouts | ;   |   |
|----------|----------|---------|------|----------|-----------|------|-------|-------|---|---|------|-------|-----|---|
| Number   | Terminal | Service | пир  | Line     | Load      | D"   | W"    | H"    | 1 | 2 | 3    | 4     | 5   | 6 |
| U3504-XL | 4        | OH/UG   | C.P. | #6-2/0   | #6-2/0    | 41/8 | 10    | 181⁄2 | 2 | 2 | 2    | 2     | 1⁄4 | — |
| U3507-XL | 7        | OH/UG   | C.P. | #6-2/0   | #6-2/0    | 41/8 | 10    | 21    | 2 | 2 | 2    | 2     | 1⁄4 | — |

| Cata  | log  | Terminal | Somico  | Unk  | Connecto | ors CU/AL | Din  | nensi | ons   |      |      | Knoc | kouts | ;   |     |
|-------|------|----------|---------|------|----------|-----------|------|-------|-------|------|------|------|-------|-----|-----|
| Num   | ber  | Terminal | Service | пир  | Line     | Load      | D"   | W"    | H"    | 1    | 2    | 3    | 4     | 5   | 6   |
| U3514 | 4-XL | 4        | OH/UG   | C.P. | #6-350   | #6-350    | 41/8 | 13    | 21    | 21/2 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U351  | 7-XL | 7        | OH/UG   | C.P. | #6-350   | #6-350    | 41/8 | 13    | 241/2 | 21/2 | 21/2 | 21/2 | 21/2  | 1⁄4 | 1/2 |

#### Notes

• Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 for the U3504; order K5T for the U3514.

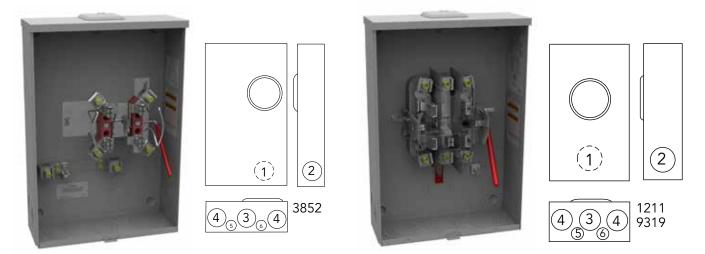
• Connectors: Extruded aluminum connectors are tin plated.

- Sealing Rings: Ring type units supplied with an MR-4 screw type sealing ring as standard.
- Link Bypass: Links provided by utility.



200 Amp | 4 & 5 Terminal | Ringless

#### 17 200 AMP LEVER BYPASS SINGLE POSITION



U3852-XL

U9319-XL

#### 200 Amp | 4 Terminal | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 1Ø3W

| Catalog  | Terminal | Comico  | Hub  |        | ors CU/AL | Dunas  | Din  | nensi | ons |   |      | Knoc | kouts      | •   |     |
|----------|----------|---------|------|--------|-----------|--------|------|-------|-----|---|------|------|------------|-----|-----|
| Number   | Terminal | Service | пub  | Line   | Load      | Bypass | D"   | W"    | Η"  | 1 | 2    | 3    | 4          | 5   | 6   |
| U3852-XL | 4        | OH/UG   | C.P. | #2-350 | #2-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 21/2 | <b>2</b> ½ | 1⁄4 | 1/2 |

#### Notes

• Fifth Terminal: Fifth terminal is not available for this unit.

• Triplex Ground: Factory installed as standard.

| 200 Amp   4 & 5 Termina | Ringless   N | on-Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W |
|-------------------------|--------------|------------------------------|-----------------|--------------|
|-------------------------|--------------|------------------------------|-----------------|--------------|

| Catalog   | Terretinel | Comilaa | Hub  | Connecto | ors CU/AL | Dumana | Din  | nensi | ons |   | l    | Knoc | kouts |     |     |
|-----------|------------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Terminal   | Service | Πub  | Line     | Load      | Bypass | D"   | W"    | Η"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U1211-RXL | 4          | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U9319-XL  | 5          | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### **Notes**

- Fifth Terminal: For field mounted fifth terminal, order as extra K3866 for the U1211.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Bypass: 200 amp continuous duty bypass. Lever operates bypass only. Not jaw clamping.
- Connectors: Units are supplied with extruded aluminum connectors and bonded, triplex neutral.

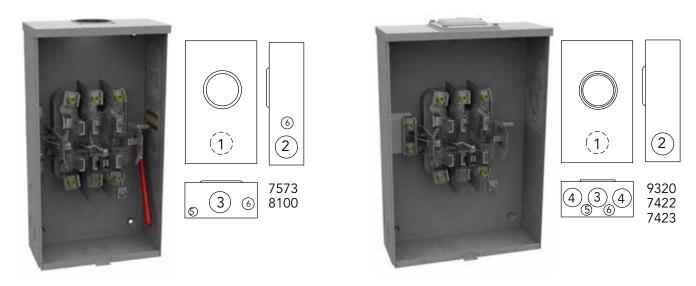
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125-200 Amp | 7 Terminal | Ringless



U7573-RL

U7422-RXL

#### 7 Terminal | Ringless | No Bypass | Single Position | 3Ø4W

| Catalog   | A   | Terminal | Comilaa | Hub  | Connecto | ors CU/AL | Dumono | Din  | nensi | ons |   |      | Knoc | kouts | ;   |     |
|-----------|-----|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Amp | Terminal | Service | пир  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U8100-RL  | 125 | 7        | ОН      | H.O  | #6-2/0   | #6-2/0    | None   | 41/8 | 10    | 18½ | 2 | 2    | 2    | _     | 1⁄2 | 3⁄4 |
| U7422-RXL | 200 | 7        | OH/UG   | C.P. | #6-350   | #6-350    | None   | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### 7 Terminal | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 3Ø4W

| Catalog   | A   | Terretinal | Comilao | LL.L | Connecto | ors CU/AL | Dumono | Dir  | nensi | ons   |   |      | Knoc | kouts | ;   |      |
|-----------|-----|------------|---------|------|----------|-----------|--------|------|-------|-------|---|------|------|-------|-----|------|
| Number    | Amp | Terminal   | Service | пир  | Line     | Load      | Bypass | D"   | W"    | H.    | 1 | 2    | 3    | 4     | 5   | 6    |
| U7573-RL  | 125 | 7          | ОН      | H.O. | #6-2/0   | #6-2/0    | Lever  | 41/8 | 10    | 181⁄2 | 2 | 2    | 2    | —     | 1/2 | 3⁄4, |
| U9320-RXL | 125 | 7          | OH/UG   | C.P. | #6-2/0   | #6-2/0    | Lever  | 47⁄8 | 10    | 19    | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2  |
| U7423-RXL | 200 | 7          | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19    | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2  |

#### Notes

- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Bypass: 200 amp continuous duty bypass. Lever operates bypass only. Not jaw clamping.
- Connectors: Extruded aluminum connectors are tin plated. Units supplied with bonded, duplex neutral.

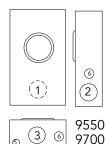


200 Amp | 4, 5 & 7 Terminal | Ringless

#### 19 200 AMP LEVER BYPASS SINGLE POSITION

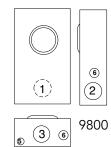


U9701-RXL



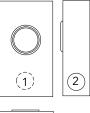


U9800-RRL





U9551-RXL



(4) (3) (4) 9551 (5) (6) 9701

200 Amp | 4 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

| Catalog    | Terminal | Comilas | LLuk | Connecto | ors CU/AL | Dumana | Din  | nensi | ons |   |      | Knoc | kouts |     |     |
|------------|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number     | Terminal | Service | ΠUD  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U9800-RRL* | 4        | ОН      | H.O. | #6-350   | #6-350    | Lever  | 41/8 | 10    | 18½ | 3 | 21/2 | 3    | _     | 1/2 | 3⁄4 |
| U9801-RXL* | 4        | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### 200 Amp | 5 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

| Catalog   | Terminal | Service | Hub  | Connecto | ors CU/AL | Purpose | Dir  | nensi | ons                      |   |      | Knoc | kouts | ;   |     |
|-----------|----------|---------|------|----------|-----------|---------|------|-------|--------------------------|---|------|------|-------|-----|-----|
| Number    | Terminal | Service | пир  | Line     | Load      | Bypass  | D"   | W"    | $\left\  H^{m} \right\ $ | 1 | 2    | 3    | 4     | 5   | 6   |
| U9550-RRL | 5        | ОН      | H.O. | #6-350   | #6-350    | Lever   | 41/8 | 10    | 18½                      | 3 | 21/2 | 3    | —     | 1⁄2 | 3⁄4 |
| U9551-RXL | 5        | OH/UG   | C.P. | #6-350   | #6-350    | Lever   | 47⁄8 | 13    | 19                       | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

200 Amp | 7 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 3Ø4W

| Catalog   | Torminal | Somico  | Lluk | Connecto | ors CU/AL | Durage | Din  | nensi | ons |   |      | Knoc | kouts |     |     |
|-----------|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Terminal | Service | пир  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U9700-RRL | 7        | ОН      | H.O. | #6-350   | #6-350    | Lever  | 41⁄8 | 10    | 18½ | 3 | 21⁄2 | 3    | —     | 1/2 | 3⁄4 |
| U9701-RXL | 7        | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |

#### Notes

• Hubs: For proper hub selection see the hub suffix chart on accessory page.

• Bypass: Lever supplies clamping action and also operates bypass device.

• Connectors: Extruded aluminum connectors are tin plated. U9550 and U9551 units are supplied with duplex neutral,

with removable bonding strap for insulated neutral. **U9700** series units are supplied with duplex neutral.

\* Internal Hex Connectors. For main and/or service disconnect, use with U5484-O enclosed circuit breaker.

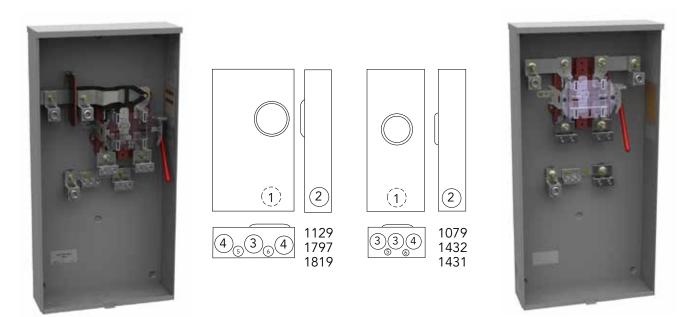
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320 Amp | 4 Terminal | Ringless



U1797-O-K3L-K2L

U1129-O-K3L-K2L

| Catalog         | Terminal | Comilas | LL.Ja | Connecto                     | ors CU/AL      | Dumana | Dir  | nensi | ons        |      |      | Knoc | kouts |     |     |
|-----------------|----------|---------|-------|------------------------------|----------------|--------|------|-------|------------|------|------|------|-------|-----|-----|
| Number          | Terminal | Service | пир   | Line                         | Load           | Bypass | D"   | W"    | H          | 1    | 2    | 3    | 4     | 5   | 6   |
| U1079-R         | 4        | ОН      | H.O.  | ³⁄8"x16                      | Studs          | Lever  | 41/8 | 13    | 38¾        | 31⁄2 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U1431-R*        | 4        | OH/UG   | H.O.  | ³⁄%"x16                      | Studs          | None   | 41/8 | 13    | 38¾        | 31⁄2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |
| U1129-O-K3L-K2L | 4        | UG      | Blank | (1) #4-600 or<br>(2) 1/0-250 | Twin<br>#6-350 | Lever  | 41/8 | 15    | 30         | 3    | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U1432-O*        | 4        | UG      | Blank | ³⁄%"x16                      | Studs          | None   | 41/8 | 13    | <b>29¾</b> | 31⁄2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |
| U1819-X*        | 4        | UG      | C.P.  | ³⁄8"x16                      | Studs          | None   | 41/8 | 15    | 30         | 3    | 3    | 3    | 3     | 1⁄4 | 1/2 |
| U1797-O-K3L-K2L | 4        | UG      | Blank | (1) #4-600 or<br>(2) 1/0-250 | Twin<br>#6-35  | Lever  | 41/8 | 15    | 30         | 3    | 3    | 3    | 3     | 1⁄4 | 1/2 |

320 Amp | 4 Terminal | Ringless | Lever Bypass | Single Position

#### Notes

• Hubs: For proper hub selection, see the hub suffix chart on the accessory page.

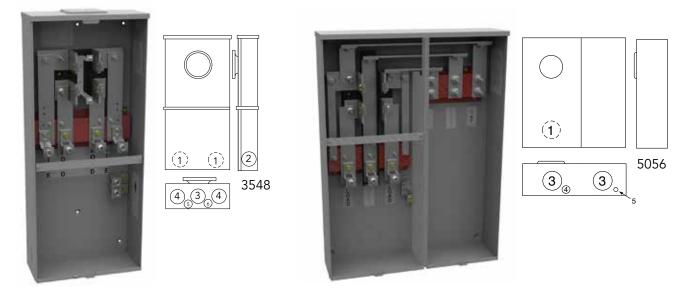
- \*Bypass: Lever supplies clamping action on meter spades only on the U1431, U1432 and U1819. Lever supplies clamping action and also operates bypass device on the U1079, U1129 & U1797.
- Connector Kits: Stud type units are supplied with 3/4 "x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. Order K1539 (single #350), K1540 (single #600) or K1350 (twin #350). See accessories page. Note: The U1129 unit has a single connector on the line side only.
- Fifth Terminal: For field mounted fifth terminal, order as extra K3866 for the U1079 & U1431. Order as extra K3865 for units U1129, U1432, U1819, and U1797.
- Lug Size Range: See accessories page for lug size range for the U1129 & U1797 units.



### **Link Bypass Single Position**

320 Amp | 4 Terminal | Ring Type





U3548-X

U5056-O

#### 320 Amp | 4 Terminal | Ring Type | Link Bypass | Single Position | 1Ø3W

| Catalog  | Terminal | Comico  | Hub   | Connecto               | ors CU/AL                 | Durboss | Dir | nensi | ons |   |   | Knoc | kouts | ;   |     |
|----------|----------|---------|-------|------------------------|---------------------------|---------|-----|-------|-----|---|---|------|-------|-----|-----|
| Number   | Terminal | Service | пир   | Line                   | Load                      | Bypass  | D"  | W"    | H"  | 1 | 2 | 3    | 4     | 5   | 6   |
| U3548-X* | 4        | OH/UG   | C.P.  | Single =<br>Parallel = | = 4-600<br>= 1/0-250      | Link    | 6   | 14    | 33  | 3 | 3 | 3    | 3     | 1⁄4 | 1/2 |
| U5056-O  | 4        | UG      | Blank | 1/2"x13 Studs          | #4-600 or<br>Twin 1/0-250 | Link    | 6   | 24    | 32  | 3 | — | 4    | 1/2   | 1⁄4 | —   |

#### Notes

• Sealing Ring: Ring type units are supplied with an MR-4, screw type, sealing ring as standard.

• Triple Tap Lug: For triple tap lug kit order K5049, wire range #6-250 kcmil.

• Link Bypass: Links provided by utility.

\* Flush Mount Kit: For field mounted flush mount kit order K4086.

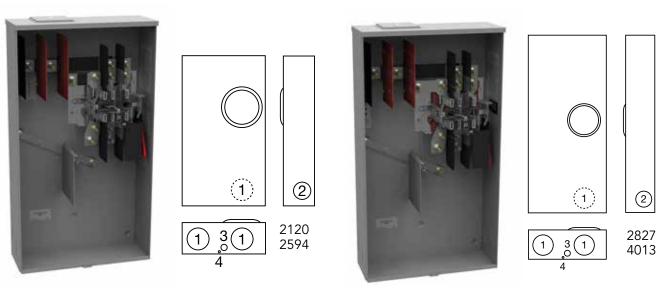
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320 Amp | 7 Terminal | Ringless



U2120-X

U2827-X

| 220 Amn | 7 Terminal  | Dinglass |              | Single Pesition | Sida Wiroway |
|---------|-------------|----------|--------------|-----------------|--------------|
| 320 Amp | i i erminai | Ringless | Lever bypass | Single Position | Side wireway |

| Catalog  | Terminal | Comilas | Link | Connecto     | rs CU/AL | Dumana     | Dir  | nensi        | ons   |   | Knoc | kouts | \$  |
|----------|----------|---------|------|--------------|----------|------------|------|--------------|-------|---|------|-------|-----|
| Number   | Terminal | Service | Πub  | Line         | Load     | Bypass     | D"   | W"           | Η"    | 1 | 2    | 3     | 4   |
| U4013-X  | 7        | OH/UG   | C.P. | ³⁄%"x16      | Studs    | Lever      | 61⁄2 | 19           | 341⁄8 | 4 | 3    | 1     | 1⁄4 |
| U2594-X  | 7        | OH/UG   | C.P. | ³‰"x16 Studs |          | Lever      | 61⁄2 | 1 <b>9</b> ¾ | 341⁄8 | 4 | 3    | 1     | 1⁄4 |
| U2827-X* | 7        | OH/UG   | C.P. | ³⁄8"x16      | Studs    | non-bypass | 61⁄2 | 17¾          | 31    | 4 | 3    | 1     | 1⁄4 |
| U2120-X  | 7        | UG      | C.P. | ³⁄%"x16      | Studs    | Lever      | 61⁄2 | 17¾          | 31¾   | 4 | 3    | 1     | 1⁄4 |

#### **Notes**

• Bypass: Lever supplies clamping action on meter spades and operates bypass device.

**\*U2827** has lever with jaw clamping capabilities but no bypass.

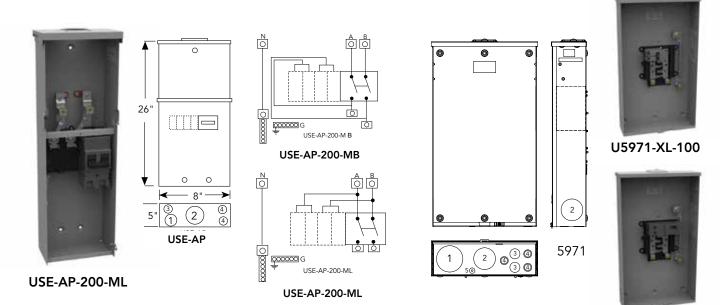
• Connector Kits: Stud type units are supplied with <sup>3</sup>/<sub>4</sub>"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. For single lug connector kits for the U2120 and U2594 units, order as extra K3082 (350 kcmil) or K3441 (600 kcmil). For twin lug connectors order as extra: K3442 (350 kcmil). Separate kits are required for both line and load.



### Service Entrance

100-200 Amp | 4 Terminal | Main Breaker

#### 23 SERVICE ENTRANCE



#### 200 Amp | Breaker Enclosure | 1Ø3W | 120/240 Volt | 10K AIC Rating

Connectors CU/AL **Dimensions Knockouts** Catalog Terminal Service Hub Number W" Н" 2 Line Load D" 1 3 4 USE-AP-200-MB 4 2" #4-250 8 2 3/4 OH #4-250 5 26 1 3/4 USE-AP-200-ML 2" 4 OH #4-250 #4-250 5 8 26 1 2 3/4 3⁄4

#### Notes

- USE-AP-200-MB: 200 amp main wired in series with plug-in style bus. UQFP-M-200 factory installed. Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one pole breakers. One 2" hub included.
- USE-AP-200-ML: 200 amp main wired in series with plug-in style bus. UQFP-200 factory installed.Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one pole breakers. One 2" hub included.

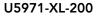
| Catalog Number<br>U5971-XL-100 | Main Breaker | Branch   | Service | Hub  | Di | mensi | ons                 |   | Kn   | iockoi | uts     |         |
|--------------------------------|--------------|----------|---------|------|----|-------|---------------------|---|------|--------|---------|---------|
|                                | Amp          | Circuits | Service | пub  | D" | W"    | H"                  | 1 | 2    | 3      | 4       | 5       |
| U5971-XL-100                   | 100          | 10       | OH/UG   | C.P. | 4½ | 141/8 | 251/16              | 3 | 21/2 | 1      | 1/2,3/4 | 1/4,1/2 |
| U5971-XL-200                   | 200          | 8        | OH/UG   | C.P. | 4½ | 141/8 | 25 <sup>1</sup> ⁄16 | 3 | 21/2 | 1      | 1/2,3/4 | 1/4,1/2 |

#### 100-200 Amp | Load Center with Main Breaker | 120/240V

#### **Notes**

- AIC Rating: 22K AIC rating.
- Line Terminals: As specified on circuit breaker (300 kcmil max).
- Load Terminals: As specified on circuit breakers (#1 AWG max).
- Breaker Interlock: Order K5815 for 200A or 150A to 100A breakers (large frame to small frame). Order K5820 for 200A or 150A to 200A or 150A breakers (large frame to large frame). Order K5830 for 100A to 100A (small frame to small frame).

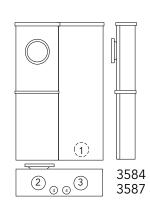


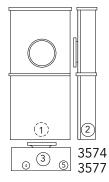


### **Meter Mains**

200 Amp | 4 & 7 Terminal | Ring Type







U3574-RL-200

#### 200 Amp | 4 Terminal | Ring Type | 240 Volt

| Catalog      | Terminal | Service | Breaker | Connecto | ors CU/AL | Din  | nensi | ons |   |   | Knoc | kouts | ;   |   |
|--------------|----------|---------|---------|----------|-----------|------|-------|-----|---|---|------|-------|-----|---|
| Number       | Terminal | Service | Dreaker | Line     | Load      | D"   | W"    | H"  | 1 | 2 | 3    | 4     | 5   | 6 |
| U3574-RL-200 | 4        | ОН      | 200A-2P | #2-350   | #3-300    | 41⁄8 | 8     | 30  | 2 | 2 | 21/2 | 1⁄4   | 1/2 | — |
| U3584-O-200  | 4        | UG      | 200A-2P | #6-350   | #3-300    | 5½   | 141/8 | 26  | 3 | 3 | 3    | 1/2   | _   | — |

#### 200 Amp | 7 Terminal | Ring Type | 240 Volt

| Catalog      | Townsings | Comilao | Ducoluon | Connecto | ors CU/AL | Din  | nensio | ons |   |   | Knoc | kouts |     |   |
|--------------|-----------|---------|----------|----------|-----------|------|--------|-----|---|---|------|-------|-----|---|
| Number       | Terminal  | Service | Breaker  | Line     | Load      | D"   | W"     | Н"  | 1 | 2 | 3    | 4     | 5   | 6 |
| U3577-RL-200 | 7         | OH      | 200A-3P  | #2-350   | #3-300    | 41/8 | 10     | 34  | 2 | 2 | 21/2 | 1⁄4   | 1/2 | _ |
| U3587-O-200  | 7         | UG      | 200A-3P  | #6-350   | #3-300    | 5½   | 141/8  | 26  | 3 | 3 | 3    | 1/2   | _   |   |

#### Notes

• Breakers: Units are supplied with bolt-on 200 amp circuit breakers where specified above.

• Sealing Rings: Units are supplied with an MR-4 screw type sealing ring.

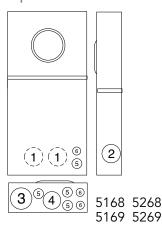


### **Meter Main with Load Center**

100–200 Amp | 4 & 5 Terminal | Ringless & Ring Type

25







#### Generator Interlock



**K5820** - large frame QN with large frame QN **K5830** - small frame Q to small frame Q

U5168-XTL-200

#### U5268-XTL-200-KK

#### 100-200 Amp | Meter Mains | 120/240 Volts | 1Ø3W | Overhead/Underground

| Catalog              | - · ·    | •   | <i>c</i> : |      | Connectors |        |      | nensi | ons |   |   | Knoc | kouts | ; |     |
|----------------------|----------|-----|------------|------|------------|--------|------|-------|-----|---|---|------|-------|---|-----|
| Number               | Terminal | Amp | Circuits   | нир  | Line       | Bypass | D"   | W"    | Н"  | 1 | 2 | 3    | 4     | 5 | 6   |
| U5168-XTL-100*       | 4        | 100 | 10         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150*       | 4        | 150 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-200*       | 4        | 200 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-100-KK*    | 4        | 100 | 10         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150-KK*    | 4        | 150 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-200-KK*    | 4        | 200 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-100-KK-5T* | 5        | 100 | 10         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150-KK-5T* | 5        | 150 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-100        | 4        | 100 | 10         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-150        | 4        | 150 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-200        | 4        | 200 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-150*       | 4        | 150 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-200*       | 4        | 200 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-150-KK*    | 4        | 150 | 20         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-200-KK*    | 4        | 200 | 20         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5269-XTL-200        | 4        | 200 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141/8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |

#### **Notes**

• Hubs: Supplied with (2) closing plates packed inside. Order hubs as a separate item. See accessory page for hub options.

• Interior: U5168 units have 8-circuit interior; U5268 units have 20-circuit interior

- Fifth Terminal: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- Branch Breakers: Series rated 22K AIC with Milbank QNR2200H main installed.
- Interlock Kit: For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN; order K5830 for small frame Q with small frame Q.
- Sub-Feed Lugs: #6-350 kcmil sub-feed lugs provided on 8 and 10 circuit interior. Not available on 20 circuit interior.
- Amp rating limited to main breaker rating.

\* Ringless

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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### Heavy Duty Lever Bypass Meter Mains

320 Amp | 4 Terminal | Ringless







U4031-O-2/200

U5059-X-2/200

#### 320 Amp | 4 Terminal | Ringless | 1Ø3W | 22K AIC Rating

(1)

3<sub>0</sub>3<sub>5</sub>3

| Catalog                    | Townsing | Service | Primary                           | Secondary                         | Dunana | Dir  | nensio | ons |      | Kn   | ocko | uts |     |
|----------------------------|----------|---------|-----------------------------------|-----------------------------------|--------|------|--------|-----|------|------|------|-----|-----|
| Number                     | Terminal | Service | Disconnect                        | Disconnect                        | Bypass | D"   | W"     | Н"  | 1    | 2    | 3    | 4   | 5   |
| U5759-X-2/200*2            | 4        | OH/UG   | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | None   | 41⁄8 | 15     | 42  | 21⁄2 | 21/2 | 3    | 1⁄4 | 1/2 |
| U5059-X-2/200 <sup>2</sup> | 4        | OH/UG   | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Lever  | 41/8 | 15     | 42  | 21/2 | 21/2 | 3    | 1⁄4 | 1/2 |
| U4031-O-2/200 <sup>2</sup> | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Lever  | 5¾   | 25     | 30  | 3    | 3    | 4    | 3   | 1/2 |
| M400-PAR-UG**1             | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | Lever  | 61/8 | 221/8  | 36  | 2    | 2    | 4    | 2   | 3⁄4 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC Standard.
- Bypass: Lever supplies clamping action and operates bypass device.
- Fifth Terminal: For field installed fifth terminal for the U5059 & U5759, order separately catalog number K3866.
- Conversion Kit: To field convert M400 UG units to OH, order K4787-F. Includes connectors (#2-600).
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify UQFPH-100, 125, 150, 175 or 200.
- <sup>2</sup> Line Side Connector Kits: Two 1/2" studs per phase on 1-3/4" centers. Factory installed for the U5759, for the U5059 order anti-rotation connector kit K1540L to accommodate #4-600 kcmil single or K1350L for twin 350 kcmil connectors.
- \* Lever supplies clamping action only-does NOT operate bypass on the U5759.
- \*\* Lug Kit: Mechanical lug kit available for M400-APS-UG, order K4920 (#2-500).



### Meter Main with Split Load

320 Amp | 4 Terminal | Ring Type





M400-APS-BS

| 320 Amp | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 Volt |
|---------|------------|-----------|------|---------|--------------|
| •=• /p  |            |           |      |         |              |

| Catalog     | Terminal | Service | Primary                           | Secondary             | Pupper | Dir  | nensi      | ons   |      |      | Knoc | kouts |     |                    |
|-------------|----------|---------|-----------------------------------|-----------------------|--------|------|------------|-------|------|------|------|-------|-----|--------------------|
| Number      | Terminar | Service | Disconnect                        | Disconnect            | Bypass | D"   | W"         | H"    | 1    | 2    | 3    | 4     | 5   | 6                  |
| M400-APS    | 4        | ОН      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup> | None   | 61/8 | <b>9</b> ½ | 471⁄8 | 2    | 2    | 2    | 1½    | 3⁄4 | —                  |
| M400-APS-BS | 4        | ОН      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup> | Link   | 6    | 11½        | 47    | 21/2 | 21/2 | 3    | 3     | 3⁄4 | $\left  - \right $ |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory Installed.
- Line Side Connectors: Connectors provided for 4-600 or twin 1/0-250.
- Overhead: Overhead units include one 3" hub.
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



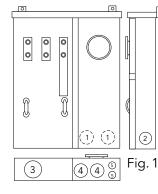
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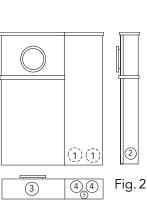


### Meter Main with Split Load

320 Amp | 4 Terminal | Ring Type









U3251-O-200-CB

M400-UG-APS-F

320 Amp | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 VAC

| Catalog                        | Terminal | Somilar | Primary                           | Secondary                         | Dunasa | Dir  | nensi | ons    |      | Kn | ocko | uts  |     | Ein  |
|--------------------------------|----------|---------|-----------------------------------|-----------------------------------|--------|------|-------|--------|------|----|------|------|-----|------|
| Number                         | Terminal | Service | Disconnect                        | Disconnect                        | Bypass | D"   | W"    | H"     | 1    | 2  | 3    | 4    | 5   | Fig. |
| M400-UG-APS-F <sup>1</sup>     | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | None   | 61/8 | 221/8 | 36     | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-F-BS <sup>1</sup>  | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | Link   | 6    | 29    | 417/16 | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-P <sup>2</sup>     | 4        | UG      | 200 Amp<br>2 Pole–T-Fuse          | 200 Amp<br>2 Pole–T-Fuse          | None   | 61/8 | 221/8 | 36     | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-LC <sup>4</sup>    | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | None   | 6    | 29    | 417⁄16 | 21⁄2 | 1  | 4    | 21/2 | 3⁄4 | 2    |
| M400-UG-APS-LC-BS <sup>4</sup> | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Link   | 6    | 29    | 417⁄16 | 21⁄2 | 1  | 4    | 21/2 | 3⁄4 | 2    |
| U3251-O-200-CB <sup>3</sup>    | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Link   | 6¾   | 24    | 40¼    | 3    | 3  | 4    | 3    | 7/8 | 2    |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- EUSERC: Meets EUSERC requirements. Consult local utility for acceptability before ordering or installing.
- Neutral: Bonded neutral and ground factory Installed.
- Line Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Load Side Connectors: 1/0-300
- Flush Mount: Flush mount kit included with M400-UG-APS-F, M400-UG-APS-FBS, M400-UG-APS-LC and M400-UG-APS-LC-BS. Available for other underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC standard, 200k aic standard on T-fuse models.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Conversion Kit: To field convert M400 UG units to OH, order K4787-F.
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**.
- <sup>2</sup> Two 200 amp T-fuse pull-outs factory installed as primary and secondary disconnects.
- <sup>3</sup> Two 200 amp 2-pole bolt-on **UQFBH** main breakers factory installed.
- <sup>4</sup> **Breakers:** Two 200 amp 2-pole main breakers factory installed, and semi-flush flange kit packed inside meter section. Universal Copper 24/40 Circuit interior accepts Challenger, GE, Murrary, Siemens/ITE, and Cutler-Hammer/Westinghouse universal type plug-in branch circuit breakers.



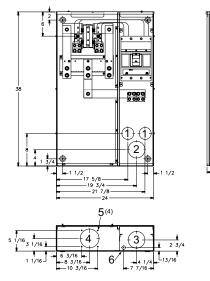
### **Meter Main Combination**

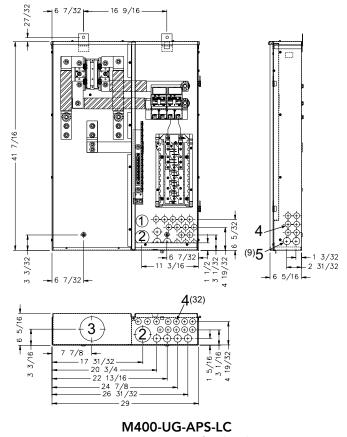
320 Amp | 4 Terminal | Ring Type





M401-UG





(see previous page for details)

#### 320 Amp Main Breaker | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 Volt

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| Catalog    | Torminal | Service | Main                          | Dunasa | Connecto | ors CU/AL | Dir | nensi | ons |      |      | Knoc | kouts | ;   |     |
|------------|----------|---------|-------------------------------|--------|----------|-----------|-----|-------|-----|------|------|------|-------|-----|-----|
| Number     | Terminal | Service | Disconnect                    | Bypass | Line     | Load      | D"  | W"    | H"  | 1    | 2    | 3    | 4     | 5   | 6   |
| M401-UG    | 4        | UG      | (1) 400 Amp<br>2 Pole Breaker | None   | Studs    | C.B.*     | 6   | 24    | 38  | 21⁄2 | 31⁄2 | 31⁄2 | 4     | 1⁄4 | 1/2 |
| M401-UG-BS | 4        | UG      | (1) 400 Amp<br>2 Pole Breaker | Link   | Studs    | C.B.*     | 6   | 24    | 38  | 21/2 | 31⁄2 | 31⁄2 | 4     | 1⁄4 | 1/2 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Load Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC standard.
- \* C.B. load side (1) or (2) copper conductors 3/0-500, (2) aluminum conductors 4/0-500 or (1) aluminum conductor 250-500.

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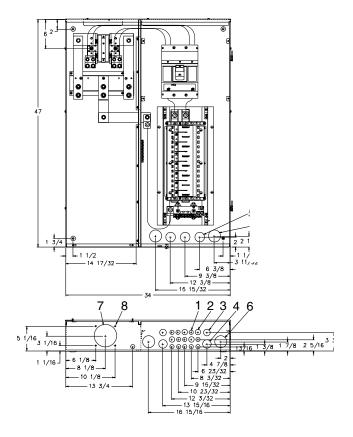


### **Meter Main Combination**

320 Amp | 4 Terminal | Ring Type



|   | Knockouts |
|---|-----------|
| 3 = (4)  4 = (2)  5 = (3)  6 = (4)  7 = (1) | 1/2, 3/4" |



#### 320 Amp Main With Circuit Load Center | 4 Terminal | Ring Type | 1Ø3W | 120/240 Volt

| Catalog        | Terretinel | Comico  | Primary                   | Secondary               | Durana | Din | nensi | ons |     |     |   | Knoc | kouts | ; |   |     |
|----------------|------------|---------|---------------------------|-------------------------|--------|-----|-------|-----|-----|-----|---|------|-------|---|---|-----|
| Number         | Terminal   | Service | Disconnect                | Secondary<br>Disconnect | Bypass | D"  | W"    | Η"  | 1   | 2   | 3 | 4    | 5     | 6 | 7 | 8   |
| M404-UG-LC*    | 4          | UG      | 400 Amp<br>2 Pole Breaker | NA                      | None   | 6   | 34    | 47  | 1/2 | 3⁄4 | 1 | 1¼   | 1½    | 2 | 4 | 1⁄4 |
| M404-UG-LC-BS* | 4          | UG      | 400 Amp<br>2 Pole Breaker | NA                      | Link   | 6   | 34    | 47  | 1/2 | 3⁄4 | 1 | 1¼   | 1½    | 2 | 4 | 1⁄4 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Line Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M404-UGLC separately.
- Short Circuit Current Withstand Rating: 22K AIC standard.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Branch Breakers: Use Siemens, Cutler-Hammer, GE or Siemens/Murray breakers to maintain 22K rating.
- \* Includes a 30-circuit load center.



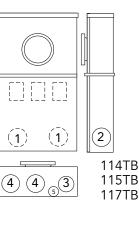
### Test Block Bypass/Safety Sockets

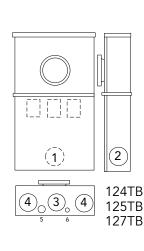
100 & 200 Amp | 4, 5 & 7 Terminal | Ring Type













127TB

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 600 Volt Self-Contained | Socket Only

| Catalog | Townsing | Comico  | Type of | Connectors CU/AL | Din  | nensi | ons |   |   | Knocl | kouts | ;   |   |
|---------|----------|---------|---------|------------------|------|-------|-----|---|---|-------|-------|-----|---|
| Number  | Terminal | Service | Service | Line & Load      | D"   | W"    | Η"  | 1 | 2 | 3     | 4     | 5   | 6 |
| 114TB*  | 4        | OH/UG   | 1Ø3W*   | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 1½    | 2     | 1/2 | — |
| 115TB   | 5        | OH/UG   | 3Ø3W    | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 11⁄2  | 2     | 1⁄2 | — |
| 117TB   | 7        | OH/UG   | 3Ø4W    | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 11/2  | 2     | 1/2 | — |

#### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 600 Volt Self-Contained | Socket Only

| Catalog | Terminal | Service | Type of | Connectors CU/AL | Dir | nensi | ons |      |      | Knoc | kouts | ;   |          |
|---------|----------|---------|---------|------------------|-----|-------|-----|------|------|------|-------|-----|----------|
| Number  | Terminal | Service | Service | Line & Load      | D"  | W"    | Η"  | 1    | 2    | 3    | 4     | 5   | 6        |
| 124TB*  | 4        | OH/UG   | 1Ø3W*   | #1/0-250         | 6   | 14    | 30  | 21/2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |
| 125TB   | 5        | OH/UG   | 3Ø3W    | #1/0-250         | 6   | 14    | 30  | 21/2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |
| 127TB   | 7        | OH/UG   | 3Ø4W    | #1/0-250         | 6   | 14    | 30  | 21/2 | 21/2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |

#### Notes

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

• Ring Protector: Add suffix -RP to catalog number for factory installed ring protector (ex. 117TB becomes 117TB-RP).

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

#### SHORT CIRCUIT CURRENT WITHSTAND RATING UP TO 200K AIC DEPENDING ON OVERCURRENT PROTECTION DEVICE USED

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

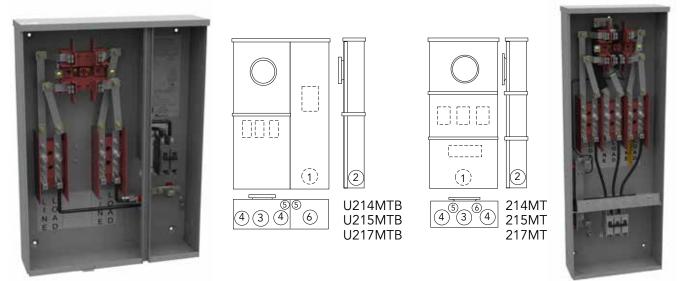


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### Test Block Bypass/MTB Series

100 Amp | 4, 5 & 7 Terminal | Ring Type | 10K AIC



**U214MTB** 

217MTB

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | Circuit Breaker

| Catalog  | Terminal | Service | Type of | Connecto | ors CU/AL | Din  | nensi | ons |   |   | Knoc | kouts |     |      |
|----------|----------|---------|---------|----------|-----------|------|-------|-----|---|---|------|-------|-----|------|
| Number   | Terminal | Service | Service | Line     | Load      | D"   | W"    | Η"  | 1 | 2 | 3    | 4     | 5   | 6    |
| 214MTB*  | 4        | ОН      | 1Ø3W*   | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | _   | 1/2  |
| 215MTB   | 5        | ОН      | 3Ø3W    | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | _   | 1/2  |
| 217MTB   | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | _   | 1/2  |
| U214MTB* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2 | 2 | 21/2 | 1½    | 3⁄4 | 1½   |
| U215MTB  | 5        | OH/UG   | 3Ø3W    | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2 | 2 | 21/2 | 11/2  | 3⁄4 | 11/2 |
| U217MTB  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 41%  | 18    | 25  | 2 | 2 | 21/2 | 1½    | 3⁄4 | 1½   |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

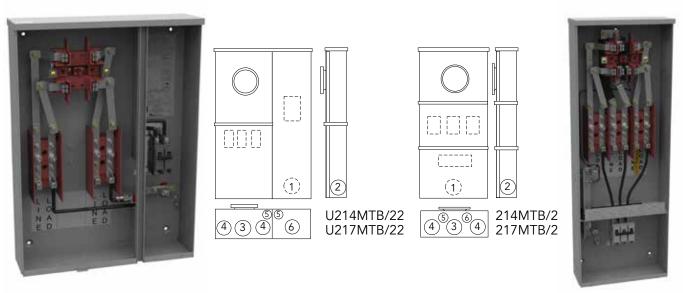
\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



### Test Block Bypass/MTB Series

100 Amp | 4 & 7 Terminal | Ring Type | 22K AIC



U214MTB/22

217MTB/22

EST BLOCK

| 100 Amp   4 & 7 | Terminal | Ring Ty | vpe   240 | Volt Self- | Containec | I   C | ircui | t Bre | aker |   |                                      |       |     |      |
|-----------------|----------|---------|-----------|------------|-----------|-------|-------|-------|------|---|--------------------------------------|-------|-----|------|
| Catalog         | Terminal | Service | Type of   | Connecto   | ors CU/AL | Din   | nensi | ons   |      |   | Knoc                                 | kouts |     |      |
| Number          | Terminal | Service | Service   | Line       | Load      | D"    | W"    | H"    | 1    | 2 | 3                                    | 4     | 5   | 6    |
| 214MTB/22*      | 4        | ОН      | 1Ø3W*     | #6-2/0     | #14-1/0   | 45⁄8  | 12    | 34    | 2    | 2 | 2                                    | 1½    | —   | 1/2  |
| 217MTB/22       | 7        | ОН      | 3Ø4W      | #6-2/0     | #14-1/0   | 45⁄8  | 12    | 34    | 2    | 2 | 2                                    | 1½    | _   | 1⁄2  |
| U214MTB/22*     | 4        | OH/UG   | 1Ø3W*     | #6-2/0     | #14-1/0   | 41%   | 18    | 25    | 2    | 2 | <b>2</b> <sup>1</sup> / <sub>2</sub> | 1½    | 3⁄4 | 1½   |
| U217MTB/22      | 7        | OH/UG   | 3Ø4W      | #6-2/0     | #14-1/0   | 45/8  | 18    | 25    | 2    | 2 | 21/2                                 | 1½    | 3⁄4 | 11/2 |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

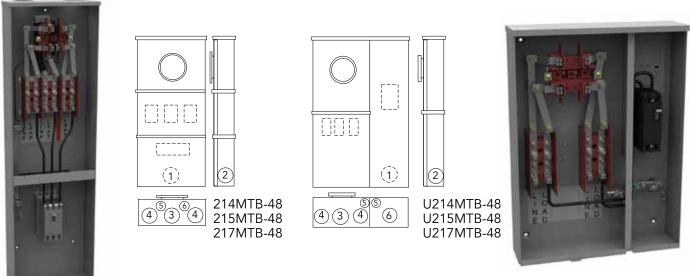


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34 IDD AMP TEST BLOCK BYPASS 10(

### **Test Block Bypass/MTB Series**

BYPASS 100 Amp | 4, 5 & 7 Terminal | Ring Type | 14K AIC | 480 Volt



217MTB-48

U214MTB-48

| Catalog     | Terminal | Service | Type of | Connecto | ors CU/AL | Din  | nensi | ons |                          |      | Knoc       | kouts | ;        |     |
|-------------|----------|---------|---------|----------|-----------|------|-------|-----|--------------------------|------|------------|-------|----------|-----|
| Number      | Terminal | Service | Service | Line     | Load      | D"   | W"    | H"  | 1                        | 2    | 3          | 4     | 5        | 6   |
| 214MTB-48*  | 4        | ОН      | 1Ø3W*   | #6-2/0   | #14-1/0   | 6    | 14    | 48  | <b>21</b> / <sub>2</sub> | 21⁄2 | 3          | 3     | 1⁄4      | 1/2 |
| 215MTB-48   | 5        | ОН      | 3Ø3W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2                     | 21/2 | 3          | 3     | 1⁄4      | 1/2 |
| 217MTB-48   | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21⁄2                     | 21⁄2 | 3          | 3     | 1⁄4      | 1/2 |
| U214MTB-48* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2                        | 2    | <b>2</b> ½ | 1½    | 1/2 ,3/4 | 1½  |
| U217MTB-48  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 4%   | 18    | 25  | 2                        | 2    | 21⁄2       | 1½    | 1⁄2 ,3⁄4 | 1½  |

#### Notes

- Replacement Main Disconnects: For replacement main disconnect see pages 42-43.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

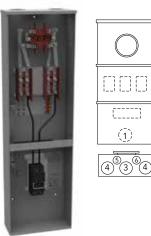
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

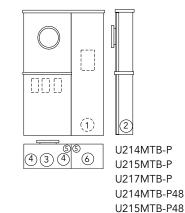


### Test Block Bypass/MTB-P& MTB-P48 Series



100 Amp | 4, 5 & 7 Terminal | Ring Type | 200K AIC





U217MTB-P48



U217MTB-P

214MTB-P

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | T-Fuse Pullout

214MTB-P

215MTB-P

217MTB-P

214MTB-P48

215MTB-P48

217MTB-P48

| Catalog    | Terminal | Service | Type of | Connecto | ors CU/AL | Dir  | nensi | ons |            |      | Knoc | kouts | 5                                |     |
|------------|----------|---------|---------|----------|-----------|------|-------|-----|------------|------|------|-------|----------------------------------|-----|
| Number     | Terminal | Service | Service | Line     | Load      | D"   | W"    | Η"  | 1          | 2    | 3    | 4     | 5                                | 6   |
| 214MTB-P*  | 4        | ОН      | 1Ø3W*   | #1/0-250 | #14-1/0   | 6    | 14    | 48  | <b>2</b> ½ | 21/2 | 3    | 3     | 1⁄4                              | 1/2 |
| 215MTB-P   | 5        | ОН      | 3Ø3W    | #1/0-250 | #14-1/0   | 6    | 14    | 48  | <b>2</b> ½ | 21/2 | 3    | 3     | 1⁄4                              | 1/2 |
| 217MTB-P   | 7        | ОН      | 3Ø4W    | #1/0-250 | #14-1/0   | 6    | 14    | 48  | <b>2</b> ½ | 21/2 | 3    | 3     | 1⁄4                              | 1/2 |
| U214MTB-P* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2          | 2    | 21/2 | 1½    | 1/2, 3/4                         | 1½  |
| U215MTB-P  | 5        | OH/UG   | 3Ø3W    | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2          | 2    | 21/2 | 1½    | 1/2, 3/4                         | 1½  |
| U217MTB-P  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 4%   | 18    | 25  | 2          | 2    | 21/2 | 1½    | <sup>1</sup> /2, <sup>3</sup> /4 | 1½  |

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 480 Volt Self-Contained | T-Fuse Pullout

| Catalog      | Townsing | Terminal Service |         | Connecto | ors CU/AL | Dir  | nensi | ons |      |      | Knoc | kouts | ;        |     |
|--------------|----------|------------------|---------|----------|-----------|------|-------|-----|------|------|------|-------|----------|-----|
| Number       | Terminal | Service          | Service | Line     | Load      | D"   | W"    | H"  | 1    | 2    | 3    | 4     | 5        | 6   |
| 214MTB-P48*  | 4        | OH               | 1Ø3W*   | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21⁄2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| 215MTB-P48   | 5        | ОН               | 3Ø3W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| 217MTB-P48   | 7        | ОН               | 3Ø4W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| U214MTB-P48* | 4        | OH/UG            | 1Ø3W*   | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2    | 2    | 21/2 | 1½    | 1/2, 3/4 | 1½  |
| U215MTB-P48  | 5        | OH/UG            | 3Ø3W    | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2    | 2    | 21/2 | 1½    | 1/2, 3/4 | 1½  |
| U217MTB-P48  | 7        | OH/UG            | 3Ø4W    | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2    | 2    | 21/2 | 1½    | 1/2, 3/4 | 1½  |

#### **Notes**

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

#### These UL listed products are for use in areas requiring

Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

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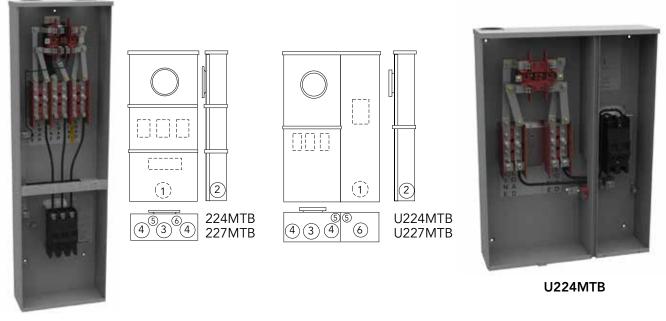


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### **Test Block Bypass/MTB Series**

200 Amp | 4, 5 & 7 Terminal | Ring Type | 10K AIC



227MTB

| Catalog  | Terretinal | Comilaa | Type of | Connecto | ors CU/AL | Dir | nensi | ons |            |                                      | Knoc       | kouts | ;       |      |
|----------|------------|---------|---------|----------|-----------|-----|-------|-----|------------|--------------------------------------|------------|-------|---------|------|
| Number   | Terminal   | Service | Service | Line     | Load      | D"  | W"    | H"  | 1          | 2                                    | 3          | 4     | 5       | 6    |
| 224MTB*  | 4          | ОН      | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 14    | 48  | <b>2</b> ½ | <b>2</b> ½                           | 3          | 3     | 1/2     | 1⁄4  |
| 227MTB   | 7          | ОН      | 3Ø4W    | #6-250   | #2/0-250  | 6   | 14    | 48  | 21/2       | 21/2                                 | 3          | 3     | 1/2     | 1⁄4  |
| U224MTB* | 4          | OH/UG   | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | <b>2</b> ½ | <b>2</b> <sup>1</sup> / <sub>2</sub> | <b>2</b> ½ | 1½    | 1/2,3/4 | 1½   |
| U227MTB  | 7          | OH/UG   | 3Ø4W    | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2       | 21/2                                 | <b>2</b> ½ | 1½    | 1/2,3/4 | 11/2 |

#### Notes

- Replacement Main Disconnects: For replacement main disconnect see pages 42-43.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

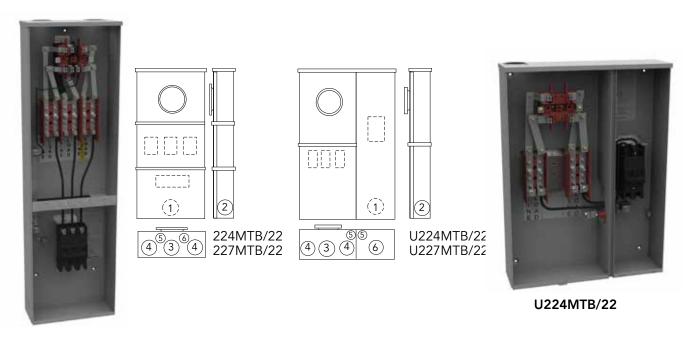
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



# Test Block Bypass/MTB Series

200 AMP TEST BLOCK BYPASS

200 Amp | 4 & 7 Terminal | Ring Type | 22K AIC



227MTB/22

| 200 Amp   4 & 7 Terminal | Ring Type | 240 Volt Self-Contained | Circuit Breaker |
|--------------------------|-----------|-------------------------|-----------------|
|--------------------------|-----------|-------------------------|-----------------|

| Catalog     | Terminal | Service | Type of | Connecto | ors CU/AL | Dir | nensi | ons |      |                          | Knoc | kouts | ;        |      |
|-------------|----------|---------|---------|----------|-----------|-----|-------|-----|------|--------------------------|------|-------|----------|------|
| Number      | Terminal | Service | Service | Line     | Load      | D"  | W"    | H   | 1    | 2                        | 3    | 4     | 5        | 6    |
| 224MTB/22*  | 4        | ОН      | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 14    | 48  | 21⁄2 | 21/2                     | 3    | 3     | 1/2      | 1⁄4  |
| 227MTB/22   | 7        | ОН      | 3Ø4W    | #6-250   | #2/0-250  | 6   | 14    | 48  | 21⁄2 | <b>21</b> / <sub>2</sub> | 3    | 3     | 1/2      | 1⁄4  |
| U224MTB/22* | 4        | OH/UG   | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2 | 21/2                     | 21/2 | 1½    | 1/2 ,3/4 | 11/2 |
| U227MTB/22  | 7        | OH/UG   | 3Ø4W    | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2 | 21/2                     | 21/2 | 1½    | 1/2 ,3/4 | 1½   |

### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

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### BYPASS 200 Amp | 4 & 7 Terminal | Ring Type | 35K AIC | 480 Volt $(\overline{1})$ $(\overline{1})$ 2 (2)224MTB-48 55 U224MTB-48 $(4)^{(5)}(3)^{(6)}(4)$ (4)(3) $(\tilde{4})$ (6) 227MTB-48 U227MTB-48 U224MTB-48

Test Block Bypass/MTB Series

| 200 Amp   4 & 7 Terminal   Ring Type   480 Volt Self-Contained   Circuit Breaker | 200 Amp   4 & 7 Terminal | Ring Type | 480 Volt Self-Contained | Circuit Breaker |
|--|--------------------------|-----------|-------------------------|-----------------|
|--|--------------------------|-----------|-------------------------|-----------------|

| Catalog    | Terminal | Service | Type of | Connecto | ors CU/AL | Dir | nensi | ons |                          |      | Knoc | kouts | 5       |     |
|------------|----------|---------|---------|----------|-----------|-----|-------|-----|--------------------------|------|------|-------|---------|-----|
| Number     | Terminal | Service | Service | Line     | Load      | D"  | W"    | Η"  | 1                        | 2    | 3    | 4     | 5       | 6   |
| 224MTB-48* | 4        | ОН      | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21⁄2 | 3    | 21⁄2  | 1/2     | 1⁄4 |
| U224MTB-48 | 4        | OH/UG   | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21/2 | 3    | 21/2  | 1/2     | 1⁄4 |
| 227MTB-48  | 7        | ОН      | 3Ø4W    | #6-250   | #2/0-250  | 6   | 14    | 48  | <b>21</b> / <sub>2</sub> | 21/2 | 3    | 3     | 1/2     | 1⁄4 |
| U227MTB-48 | 7        | OH/UG   | 3Ø4W    | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21/2 | 21/2 | 1½    | 1/2,3/4 | 1½  |

### Notes

227MTB-48

200 AMP

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

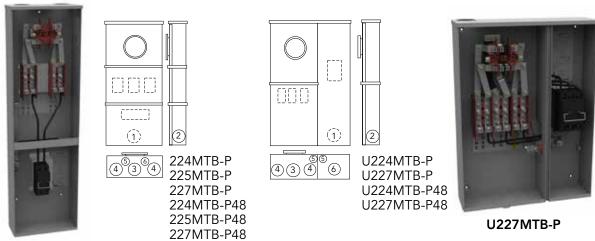
• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.



# Test Block Bypass/MTB-P& MTB-P48

200 Amp | Ring Type | 200K AIC



224MTB-P

### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | T-Fuse Pullout

| Catalog    | Terminal | Service | Type of | Connecto | tors CU/AL Di |    | Dimensions |    |                          | Knockouts |   |      |   |      |  |
|------------|----------|---------|---------|----------|---------------|----|------------|----|--------------------------|-----------|---|------|---|------|--|
| Number     | Terminal | Service | Service | Line     | Load          | D" | W"         | H  | 1                        | 2         | 3 | 4    | 5   | 6    |  |
| 224MTB-P*  | 4        | ОН      | 1Ø3W*   | #6-250   | #1/0-250      | 6  | 14         | 48 | <b>21</b> / <sub>2</sub> | 21⁄2      | 3 | 3    | 1⁄4   | 1/2  |  |
| 225MTB-P   | 5        | ОН      | 3Ø3W    | #6-250   | #1/0-250      | 6  | 14         | 48 | 21/2                     | 21/2      | 3 | 3    | 1⁄4   | 1/2  |  |
| 227MTB-P   | 7        | ОН      | 3Ø4W    | #6-250   | #1/0-250      | 6  | 14         | 48 | <b>21</b> / <sub>2</sub> | 21⁄2      | 3 | 3    | 1⁄4   | 1/2  |  |
| U224MTB-P* | 4        | OH/UG   | 1Ø3W*   | #6-250   | #1/0-250      | 6  | 223⁄4      | 30 | 21/2                     | 21/2      | 3 | 21/2 | <sup>1</sup> / <sub>2 ,</sub> <sup>3</sup> / <sub>4</sub> | 21/2 |  |
| U227MTB-P  | 7        | OH/UG   | 3Ø4W    | #6-250   | #1/0-250      | 6  | 22¾        | 30 | 21/2                     | 21/2      | 3 | 21/2 | 1/2 , <sup>3</sup> /4                                     | 21⁄2 |  |

### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 480 Volt Self-Contained | T-Fuse Pullout

| Catalog      | Terminal | Service |         |        | ors CU/AL | J/AL Dimensic |       | nsions     |                                      | Knockouts                |   |      |          |      |  |
|--------------|----------|---------|---------|--------|-----------|---------------|-------|------------|--------------------------------------|--------------------------|---|------|----------|------|--|
| Number       | Terminal | Service | Service | Line   | Load      | D"            | W"    | <b>H</b> " | 1                                    | 2                        | 3 | 4    | 5        | 6    |  |
| 224MTB-P48*  | 4        | ОН      | 1Ø3W*   | #6-250 | #1/0-250  | 6             | 14    | 48         | <b>2</b> <sup>1</sup> / <sub>2</sub> | <b>21</b> / <sub>2</sub> | 3 | 3    | 1⁄4      | 1/2  |  |
| 225MTB-P48   | 5        | ОН      | 3Ø3W    | #6-250 | #1/0-250  | 6             | 14    | 48         | <b>21</b> / <sub>2</sub>             | <b>21</b> / <sub>2</sub> | 3 | 3    | 1⁄4      | 1/2  |  |
| 227MTB-P48   | 7        | ОН      | 3Ø4W    | #6-250 | #1/0-250  | 6             | 14    | 48         | 21/2                                 | 21⁄2                     | 3 | 3    | 1⁄4      | 1/2  |  |
| U224MTB-P48* | 4        | OH/UG   | 1Ø3W*   | #6-250 | #1/0-250  | 6             | 223⁄4 | 30         | <b>21</b> / <sub>2</sub>             | <b>21</b> / <sub>2</sub> | 3 | 21/2 | 1/2 ,3/4 | 21/2 |  |
| U227MTB-P48  | 7        | OH/UG   | 3Ø4W    | #6-250 | #1/0-250  | 6             | 223⁄4 | 30         | 21/2                                 | 21⁄2                     | 3 | 21/2 | 1/2 ,3/4 | 21⁄2 |  |

### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



TEST BLOCK

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# Test Block Bypass/MTBL

All-In-One Series | 100 & 200 Amp | 10K & 200K AIC



### U227MTBL

### 100 & 200 Amp | 240 Volt Meter Main | Circuit Breaker/T-Fuse Pullout

| Catalog    | Deting                                     | No. Internal | Main Circuit Breaker               | Din  | nensi | ons | Bottom  | Back   |
|------------|--|--------------|------------------------------------|------|-------|-----|---|--|
| Number     | Rating                                     | Circuits     | Or Fuse Pullout                    | D"   | W"    | Η"  | Knockouts   | Knockouts                                    |
| U214MTBL*  | 100A,120/240<br>VAC 1Ø3W                   | 12/24        | 100A, 2P, 10K<br>Milbank Q2100     | 45⁄8 | 25    | 24¾ | Utility Section   |  |
| U214MTBPL* | 100A,120/240<br>VAC 1Ø3W                   | 12/24        | 100A, 2P, 200K<br>Boltswitch PT223 | 4%   | 25    | 24¾ | (1) ½"<br>(3) 1¼", 1½", 2", 2½"                           | Customer Section                             |
| U217MTBL   | 100A,<br>240Δ/120;<br>208Y/120 VAC<br>3Ø4W | 18/36        | 100A, 3P, 10K<br>Siemens BQ3100    | 45⁄8 | 25    | 24¾ | (3) 1⁄2", 3⁄4"  | (7) ½"<br>(4) ½", ¾"<br>(1) ¾", 1", 1¼", 1½" |
| U217MTBPL  | 100A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 18/36        | 100A, 3P, 200K<br>Boltswitch PT323 | 45⁄8 | 25    | 24¾ | (1) ½", ¾", 1", 1¼"<br>(2) ¾", 1", 1¼", 1½"               |  |
| U224MTBL*  | 200A,120/240<br>VAC 1Ø3W                   | 20/40        | 200A, 2P, 10K<br>Milbank UQFP-200  | 6    | 27    | 30  | Utility Section<br>(1) ½", ¾"                             |  |
| U224MTBPL* | 200A,120/240<br>VAC 1Ø3W                   | 20/40        | 200A, 2P, 200K<br>Boltswitch PT224 | 6    | 27    | 30  | (2) 1¼", 1½", 2", 2½"<br>(1) 2½", 3"                      | Customer Section                             |
| U227MTBL   | 200A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 24/42        | 200A, 3P, 10K<br>Siemens QJ23B200  | 6    | 27    | 30  | Customer Section<br>(11) ½"                               | (6) ½"<br>(4) ½", ¾"<br>(1) ¾", 1", 1¼", 1½" |
| U227MTBPL  | 200A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 24/42        | 200A, 3P, 200K<br>Boltswitch PT324 | 6    | 27    | 30  | (2) ½", ¾"<br>(1) ½", ¾", 1", 1¼"<br>(2) ¾", 1", 1¼", 1½" |  |

#### Notes

• Line: Underground or overhead service. Line Lug: 100A, 14-1/0 and 200A 1/0-250.

- Load: Exit below load center only
- Branch Breakers: Single phase units—approved for Siemens/ITE Type Q, Challenger, Cutler-Hammer/Westinghouse, General Electric, Murray. Three phase units—approved for Siemens/ITE Type Q.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plate.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 208Y/120 applications, order field kit 105J separately and install.

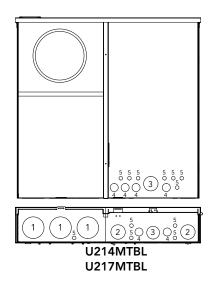


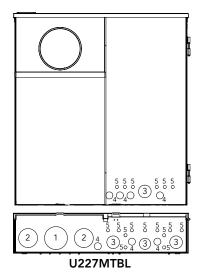
# Test Block Bypass/MTBL

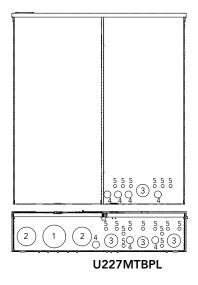
Knockout Information



| Catalog   |      | Knockouts |      |     |     |  |  |  |  |  |
|-----------|------|-----------|------|-----|-----|--|--|--|--|--|
| Number    | 1    | 2         | 3    | 4   | 5   |  |  |  |  |  |
| U214MTBL  | 21/2 | 1½        | 11/4 | 3⁄4 | 1/2 |  |  |  |  |  |
| U217MTBL  | 21/2 | 1½        | 11/4 | 3⁄4 | 1/2 |  |  |  |  |  |
| U227MTBL  | 3    | 21/2      | 11/2 | 3⁄4 | 1/2 |  |  |  |  |  |
| U227MTBPL | 3    | 21/2      | 1½   | 1¼  | 3⁄4 |  |  |  |  |  |









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## Safety Socket Replacement

Circuit Breakers

### **Replacement Circuit Breakers**

|                | uit Dieakeis       |
|----------------|--------------------|
| Catalog Number | Circuit<br>Breaker |
| 214MTB         | BQ2B100L           |
| 214MTB-48      | ED42B100           |
| 214MTB/22      | BQ2B100HL          |
| U214MTB        | BQ2B100L           |
| U214MTB-48     | ED42B100           |
| U214MTB/22     | BQ2B100HL          |
| U214MTBL       | Q2100              |
|                |                    |
| 215MTB         | BQ3B100L           |
| 215MTB-48      | ED43B100L          |
| U215MTB        | BQ3B100L           |
| U215MTB-48     | ED43B100L          |
|                |                    |
| 217MTB         | BQ3B100L           |
| 217MTB48       | ED43B100L          |
| 217MTB/22      | BQ3B100HL          |
| U217MTB        | BQ3B100L           |
| U217MTB-48     | ED43B100L          |
| U217MTB/22     | BQ3B100HL          |
| U217MTBL       | BQ3B100L           |
|                |                    |
| 224MTB         | UQFB-200           |
| 224MTB/22      | UQFBH-200          |
| U224MTB        | UQFB-200           |
| U224MTB-48     | FXD62B200          |
| U224MTB/22     | UQFBH-200          |
| U224MTBL       | UQFB-200           |
|                |                    |
| U225MTB        | UQFB-3200          |
|                |                    |

| Catalog Number | Circuit<br>Breaker |
|----------------|--------------------|
| 227MTB         | UQFB-3200          |
| 227MTB-125     | UQFB-3125          |
| 227MTB-150     | UQFB-3150          |
| 227MTB-175     | UQFB-3175          |
| 227MTB-48      | FXD63B200L         |
| 227MTB/22      | QJH23B200L         |
| U227MTB        | UQFB-3200          |
| U227MTB-125    | UQFB-3125          |
| U227MTB-150    | UQFB-3150          |
| U227MTB-175    | UQFB-3175          |
| U227MTB-48     | FXD63B200L         |
| U227MTB/22     | QJH23B200L         |
| U227MTBL       | QJ23B200           |

### Lug Kits for Circuit Breakers

| Siemens<br>Circuit<br>Breaker | Number of<br>Lug Collars<br>Required |
|-------------------------------|--------------------------------------|
| ED42B100                      | (2) LN13100                          |
| ED43B100                      | (3) LN1E100                          |
| FXD62B200                     | (4) TA1FD350                         |
| FXD63B200                     | (6) TA1FD350                         |
| QJ22B200H                     | (2) TA1Q300                          |
| QJ23B200                      | (1) TA1Q300                          |
| QJH23B200L                    | (1) TA1Q300                          |

### Note

When replacing Siemens Circuit Breaker (FXD,ED,QJ) in safety sockets, lug collars must be ordered from Siemens separately.



# Safety Socket Replacement

T-Fuse Pullouts

### Replacement T-Fuse Pullouts

| Catalog<br>Number | Circuit<br>Breaker | Mfg.       | Part<br>Number |
|-------------------|--------------------|------------|----------------|
| 214MTB-P          | PT223              | Boltswitch | 707674-MO      |
| 214MTB-P48        | PT263              | Boltswitch | 708564-MO      |
| U214MTB-P         | PT223              | Boltswitch | 707674-MO      |
| U214MTB-P48       | PT263              | Boltswitch | 708564-MO      |
| U214MTBPL         | PT223              | Boltswitch | 707674-MO      |
| 215MTB-P          | PT323              | Boltswitch | 708565-MO      |
| 215MTB-P48        | PT363              | Boltswitch | 708566-MO      |
| U215MTB-P         | PT323              | Boltswitch | 708565-MO      |
| U215MTB-P48       | PT363              | Boltswitch | 708566-MO      |
| 217MTB-P          | PT323              | Boltswitch | 708565-MO      |
| 217MTB-P48        | PT363              | Boltswitch | 708566-MO      |
| U217MTB-P         | PT323              | Boltswitch | 708565-MO      |
| U217MTB-P48       | PT363              | Boltswitch | 708566-MO      |
| U217MTBPL         | PT323              | Boltswitch | 708565-MO      |
| 224MTB-P          | PT224              | Boltswitch | 707684-MO      |
| 224MTB-P48        | PT264              | Boltswitch | 708567-MO      |
| U224MTB-P         | PT224              | Boltswitch | 707684-MO      |
| U224MTB-P48       | PT264              | Boltswitch | 708567-MO      |
| U224MTBPL         | PT224              | Boltswitch | 707684-MO      |
| 225MTB-P48        | PT364              | Boltswitch | 708569-MO      |
| U225MTBPL         | PT324              | Boltswitch | 708568-MO      |
| 227MTB-P          | PT323              | Boltswitch | 708568-MO      |
| 227MTB-P48        | PT364              | Boltswitch | 708569-MO      |
| U227MTB-P         | PT324              | Boltswitch | 708568-MO      |
| U227MTB-P48       | PT364              | Boltswitch | 708569-MO      |
| U227MTBPL         | PT324              | Boltswitch | 708568-MO      |

### Lug Kits for T-Fuse Pullouts

| Part<br>Number | Number of<br>Lug Collars<br>Required |
|----------------|--------------------------------------|
| 707682-AC      | (2) TK100P                           |
| 708570-AC      | (2) TK200P                           |
| 707682-AC      | (2) TK100P                           |
| 708570-AC      | (2) TK200P                           |
| 707682-AC      | (3) TK100P                           |
| 708570-AC      | (3) TK200P                           |
| 707682-AC      | (3) TK100P                           |
| 708570-AC      | (3) TK200P                           |

### Note

T-Fuse pullouts provided with load side lugs. Order line side lugs separately from above chart.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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### Safety Socket & T-Fuse Replacement



MS-27-TB

### **Tenant Meter Sockets**

| Catalog<br>Number | Amp | Voltage/System |
|-------------------|-----|----------------|
| MS-24-TB          | 200 | 600V/1Ø3W      |
| MS-25-TB          | 200 | 600V/3Ø3W      |
| MS-27-TB          | 200 | 600V/3Ø4W      |



### Replacement Test Blocks

| Catalog<br>Number            | Amp | Phase          |
|------------------------------|-----|----------------|
| TB100-47                     | 100 | Phase A, B & C |
| TB100-5<br>Center Block Only | 100 | Phase B – 3Ø3W |
| TB200-47                     | 200 | Phase A, B & C |
| TB200-5<br>Center Block Only | 200 | Phase B – 3Ø3W |
| TB200-LL                     | 200 | Lug – Lug      |



### PT324

### 240 Volt Main Disconnects Pullout Switch (Uses Type "T" Fuse)

| Catalog<br>Number | Amp | Rating            | Ca<br>Nu |
|-------------------|-----|-------------------|----------|
| PT223             | 100 | 2 Pole – 240 Volt | P        |
| PT224             | 200 | 2 Pole – 240 Volt | P        |
| PT323             | 100 | 3 Pole – 240 Volt | P        |
| PT324             | 200 | 3 Pole – 240 Volt | P        |

### 480 Volt Main Disconnects Pullout Switch (Uses Type "T" Fuse)

| Catalog<br>Number | Amp | Rating            |  |  |  |  |  |
|-------------------|-----|-------------------|--|--|--|--|--|
| PT263             | 100 | 2 Pole – 480 Volt |  |  |  |  |  |
| PT264             | 200 | 2 Pole – 480 Volt |  |  |  |  |  |
| PT363             | 100 | 3 Pole – 480 Volt |  |  |  |  |  |
| PT364             | 200 | 3 Pole – 480 Volt |  |  |  |  |  |

### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



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# **Underground Termination Boxes**

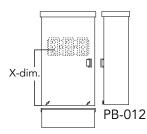
600 VAC

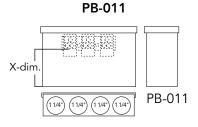






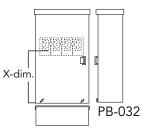
PB-038







PB-032



### Underground Termination Boxes | 600 VAC

| Catalog               | <b>A</b> | Type of | Connecto        | ors CU/AL              |    | Dime       | nsions |                                 | Short Circuit Current |  |  |
|-----------------------|----------|---------|-----------------|------------------------|----|------------|--------|---------------------------------|-----------------------|--|--|
| Number                | Amp      | Service | Line            | Load                   | D" | W"         | H"     | X"                              | Withstand Rating      |  |  |
| PB-011*               | 100      | 1Ø3W    | #14-1/0         | #14-1/0                | 4  | 12         | 81⁄2   | 3¾                              | 10K Amp               |  |  |
| PB-012                | 200      | 1Ø3W    | #6-250          | #6-250                 | 6  | 6 12 26 14 |        | 14¼                             | 10K Amp               |  |  |
| PB-014**<br>PB-014-NK | 400      | 1Ø3W    | ½"x13 Studs     | #4-600<br>Twin 1/0-250 | 6  | 16         | 36     | 22                              | 50K Amp               |  |  |
| PB-018**<br>PB-018-NK | 800      | 1Ø3W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 11 | 24         | 48     | 26                              | 50K Amp               |  |  |
| PB-032                | 200      | 3Ø4W    | #6-250          | #6-250                 | 6  | 16         | 26     | 14 <sup>1</sup> / <sub>16</sub> | 10K Amp               |  |  |
| PB-034**<br>PB-034-NK | 400      | 3Ø4W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 6  | 16         | 36     | 22                              | 50K Amp               |  |  |
| PB-038**              | 800      | 3Ø4W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 11 | 24         | 48     | 26                              | 50K Amp               |  |  |

### **Notes**

• Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.

• For no knockouts, add suffix -NK to the above catalog numbers.

\* No lift handles provided on the **PB-011**.

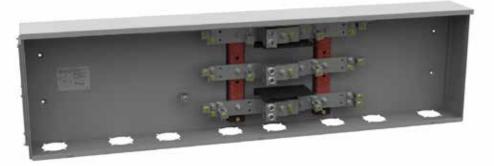
\*\* 2 studs per lug position provided for 400 amp units. 4 studs per lug position provided for 800 amp units.

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### Bussed Gutters Type 3R | 3Ø4W | 600 VAC



### For Commercial Safety Socket Applications

### Bussed Gutters | Type 3R | 1Ø3W | 600 VAC

| Catalog | Meter    | A   | Di | mensio | ons | Length       | Line Lugs    | Load Lugs |  |
|---------|----------|-----|----|--------|-----|--------------|--------------|-----------|--|
| Number  | Position | Amp | D" | W"     | Η"  | of Bus       | Per Each Bus | Per Bus   |  |
| BC214   | 2        | 400 | 6  | 28%    | 15½ | 20" Bar      | (1) 600      | (2) 6-250 |  |
| BC318   | 3        | 800 | 6  | 43     | 15½ | (2) 20" Bars | (2) 600      | (3) 6-250 |  |
| BC418   | 4        | 800 | 6  | 57¼    | 15½ | (2) 20" Bars | (2) 600      | (4) 6-250 |  |
| BC518   | 5        | 800 | 6  | 71%    | 15½ | (2) 20" Bars | (2) 600      | (5) 6-250 |  |
| BC618   | 6        | 800 | 6  | 85%    | 15½ | (2) 20" Bars | (2) 600      | (6) 6-250 |  |

### Bussed Gutters | Type 3R | 3Ø4W | 600 VAC

| Catalog | Meter    | A   | Di | mensic | ons | Length       | Line Lugs    | Load Lugs |
|---------|----------|-----|----|--------|-----|--------------|--------------|-----------|
| Number  | Position | Amp | D" | W"     | Н"  | of Bus       | Per Each Bus | Per Bus   |
| BC234   | 2        | 400 | 6  | 28%    | 15½ | 20" Bar      | (1) 600      | (2) 6-250 |
| BC338   | 3        | 800 | 6  | 43     | 15½ | (2) 20" Bars | (2) 600      | (3) 6-250 |
| BC438   | 4        | 800 | 6  | 57¼    | 15½ | (2) 20" Bars | (2) 600      | (4) 6-250 |
| BC538   | 5        | 800 | 6  | 71%    | 15½ | (2) 20" Bars | (2) 600      | (5) 6-250 |
| BC638   | 6        | 800 | 6  | 851/8  | 15½ | (2) 20" Bars | (2) 600      | (6) 6-250 |

### Notes

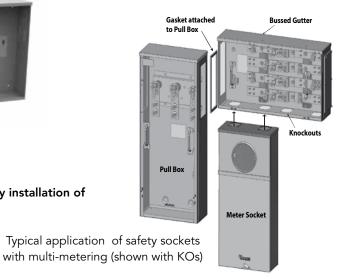
- Short Circuit Current Withstanding Rating: Standard bracing is 42K AIC.
- Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.
- **Cover:** Lift handles provided along with a cover sealing provision. A removable, sealable cover is provided at both ends for pull box assembly.
- Hardware: Meter socket mounting hardware included.
- Suitable for use on line side of service equipment.



### Bussed Gutters Type 3R | 3Ø4W | 600 VAC



- Enclosure without knockouts
- Tin plated aluminum bus bars
- Furnished with line lugs only
- Bus is drilled and tapped for easy installation of load lugs



### Bussed Gutters | Type 3R | 1Ø4W | 600 VAC

| Catalog | Meter    | A   | Di | mensic  | ons | Length   | Line Lugs    |  |  |
|---------|----------|-----|----|---------|-----|----------|--------------|--|--|
| Number  | Position | Amp | D" | W"      | H"  | of Bus   | Per Each Bus |  |  |
| U3412-O | 2        | 400 | 6  | 24      | 24  | 17" Bar  | (1) 600      |  |  |
| U3413-O | 3        | 600 | 6  | 36      | 24  | 24" Bars | (2) 600      |  |  |
| U3414-O | 4        | 800 | 6  | 48      | 24  | 32" Bars | (3) 600      |  |  |
| U3415-O | 5        | 800 | 6  | 6 60 24 |     | 40" Bars | (3) 600      |  |  |
| U3416-O | 6        | 800 | 6  | 72      | 24  | 56" Bars | (3) 600      |  |  |

### Bussed Gutters | Type 3R | 3Ø4W | 600 VAC

| Catalog | Meter    | A   | Di     | mensic  | ons | Length   | Line Lugs    |  |  |
|---------|----------|-----|--------|---------|-----|----------|--------------|--|--|
| Number  | Position | Amp | D"     | W"      | H"  | of Bus   | Per Each Bus |  |  |
| U3462-O | 2        | 400 | 6      | 24      | 24  | 17" Bar  | (1) 600      |  |  |
| U3463-O | 3        | 600 | ) 6 36 |         | 24  | 24" Bars | (2) 600      |  |  |
| U3464-O | 4        | 800 | 6      | 48      | 24  | 32" Bars | (3) 600      |  |  |
| U3465-O | 5        | 800 | 6      | 6 60 24 |     | 40" Bars | (3) 600      |  |  |
| U3466-O | 6        | 800 | 6      | 72      | 24  | 56" Bars | (3) 600      |  |  |

### Notes

- Short Circuit Current Withstanding Rating: The 400 and 600 amp units have a withstand rating of 50K amp, and the 800 amp units have a rating of 65K amp.
- Suitable for use on line side of service equipment.

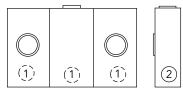


### **Multi-Position Sockets**

100-125 Amp | 4 Terminal | Ringless | 300 VAC



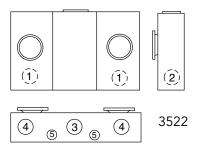
U8032-XL







U3522-XL-K1



100 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ringless

|          |           | •       |      |          |           |      |  |    |   |   |      |       |     |     |      |
|----------|-----------|---------|------|----------|-----------|------|--|----|---|---|------|-------|-----|-----|------|
| Catalog  | Positions | Somico  | Hub  | Connecto | ors CU/AL | D    | imensio                                | ns |   |   | Kn   | ocko  | uts |     |      |
| Number   | Fositions | Service | пub  | Line     | Load      | D"   | W"                                     | Η" | 1 | 2 | 3    | 4     | 5   | 6   | 7    |
| U8032-XL | 2         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41⁄2 | 241/2                                  | 16 | 2 | 2 | 21/2 | 2     | 1/2 | 1/2 | 5⁄16 |
| U8033-XL | 3         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41⁄2 | 32¾                                    | 16 | 2 | 2 | 21/2 | (3) 2 | 1/2 | 1/2 | 5⁄16 |
| U8034-XL | 4         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41⁄2 | 401/8                                  | 16 | 2 | 2 | 21/2 | (4) 2 | 1/2 | 1/2 | 5/16 |
| U8035-XL | 5         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41⁄2 | <b>49</b> <sup>1</sup> ⁄ <sub>16</sub> | 16 | 2 | 2 | 21/2 | (5) 2 | 1/2 | 1/2 | 5/16 |
| U8036-XL | 6         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41/2 | 57¼                                    | 16 | 2 | 2 | 21/2 | (6) 2 | 1/2 | 1/2 | 5⁄16 |

### 125 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ring Type

| Catalog Positions | Contra    | <b>C</b> | Constant | Hub    | Connecto | ors CU/AL | D                                      | imensio | ns   |      |      | Knoc     | kouts   |     |  |
|-------------------|-----------|----------|----------|--------|----------|-----------|--|---------|------|------|------|----------|---------|-----|--|
| Number            | Positions | Service  | пub      | Line   | Load     | D"        | W"                                     | H"      | 1    | 2    | 3    | 4        | 5       | 6   |  |
| U3522-XL-K1       | 2         | OH/UG    | C.P.     | #2-350 | #6-2/0   | 41/2      | 241⁄2                                  | 14      | 11/2 | 11⁄2 | 21/2 | 21/2     | 1/4,1/2 | 1/2 |  |
| U3523-XL-K1       | 3         | OH/UG    | C.P.     | #2-350 | #6-2/0   | 41/2      | 32¾                                    | 14      | 11/2 | 11/2 | 21/2 | (3) 21/2 | 1/4,1/2 | 1/2 |  |
| U3524-XL-K2       | 4         | OH/UG    | C.P.     | #2-350 | #6-2/0   | 41/2      | 401/8                                  | 14      | 11/2 | 11/2 | 21/2 | (4) 21/2 | 1/4,1/2 | 1/2 |  |
| U3525-XL-K2       | 5         | UG       | C.P.     | #2-350 | #6-2/0   | 41/2      | <b>49</b> <sup>1</sup> ⁄ <sub>16</sub> | 14      | 1½   | 1½   | 21/2 | (5) 21/2 | 1/4,1/2 | 1/2 |  |

### Notes

100-125 AMP MULTI-POSITION

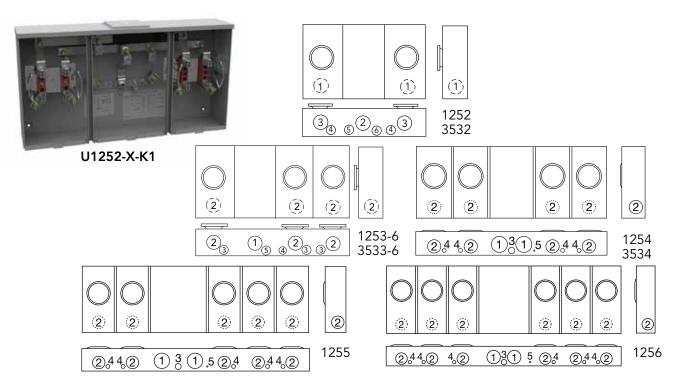
SOCKETS

- Fifth Terminal: For field mounted fifth terminal, order catalog number **5T8K2** (6 o'clock only on 100 amp units, 9 o'clock only on 125 amp units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Sealing Rings: Ring type units are supplied with one MR-4 screw type sealing ring per position.



### **Multi-Position Sockets**

200 Amp | 4 Terminal | Ringless | 300 VAC



200 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ringless

| Catalog    | Positions | <b>C</b> | 11.4 | Connecto   | rs CU/AL | D    | imensio | ns |      | Kn   | ockou | uts |     |
|------------|-----------|----------|------|------------|----------|------|---------|----|------|------|-------|-----|-----|
| Number     | Positions | Service  | Hub  | Line       | Load     | D"   | W"      | H" | 1    | 2    | 3     | 4   | 5   |
| U1252-X-K1 | 2         | OH/UG    | C.P. | #6-350     | #2-350   | 51/8 | 261/2   | 14 | 21/2 | 3    | 21/2  | 1/2 | 1⁄4 |
| U1253-X-K3 | 3         | OH/UG    | C.P. | #4-600     | #2-350   | 51⁄8 | 34¾     | 14 | 3    | 21/2 | 1/2   | 1⁄4 | 1   |
| U1254-X-K3 | 4         | OH/UG    | C.P. | #4-600     | #2-350   | 51/8 | 421/8   | 16 | 3    | 21/2 | 1     | 1/2 | 1⁄4 |
| U1255-X-K4 | 5         | OH/UG    | C.P. | (2) #2-600 | #2-350   | 51⁄8 | 54%     | 16 | 3    | 21/2 | 1     | 1/2 | 1⁄4 |
| U1256-X-K4 | 6         | OH/UG    | C.P. | (2) #2-600 | #2-350   | 51/8 | 631/16  | 18 | 3    | 21/2 | 1     | 1/2 | 1⁄4 |

### 200 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ring Type

| Catalog<br>Positions Servi | Sonvico   | Comico  | Samilaa | Service | Service | Service | Service | Sonvico | Sorvico | Hub  | Connecto | ors CU/AL | D   | imensio | ns |  |  | Knoc | kouts |  |  |
|----------------------------|-----------|---------|---------|---------|---------|---------|---------|---------|---------|------|----------|-----------|-----|---------|----|--|--|------|-------|--|--|
| Number                     | Positions | Service | HUD     | Line    | Load    | D"      | W"      | H"      | 1       | 2    | 3        | 4         | 5   | 6       |    |  |  |      |       |  |  |
| U3532-X-K1                 | 2         | OH/UG   | C.P.    | #6-350  | #2-350  | 51/8    | 261/2   | 16      | 21/2    | 3    | 21/2     | _         | 1/2 | 1       |    |  |  |      |       |  |  |
| U3533-X-K3                 | 3         | OH/UG   | C.P.    | #4-600  | #2-350  | 51/8    | 34½     | 16      | 3       | 21⁄2 |          | 1⁄4       | 1/2 | _       |    |  |  |      |       |  |  |
| U3534-X-K3                 | 4         | OH/UG   | C.P.    | #4-600  | #2-350  | 51/8    | 421/8   | 16      | 3       | 21/2 | 1        | _         | 1/2 | _       |    |  |  |      |       |  |  |

#### **Notes**

- Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 (6 o'clock only on 100 amp units, 9 o'clock only on 125 amp units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Sealing Rings: Ring type units are supplied with one MR-4 screw type sealing ring per position.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



MULTI-POSITION



125-200 Amp | 4 Terminal | Ringless | 120/240 VAC



U2854-X

125 Amp | Position

Catalog

Number

U2862-X

U2863-X



U2866-X

200 Amp | Position

Main Bus

Rating

250 Amp

300 Amp

Positions

2

3

**Connectors CU/AL** 

Line

\*3/8"-16 STUD

\*3/8"-16 STUD

VERTICAL

RECTANGULAR

| Catalog | Positions | Main Bus | Connectors CU/AL |
|---------|-----------|----------|------------------|
| Number  | FOSICIONS | Rating   | Line             |
| U2852-X | 2         | 200 Amp  | *3/8"-16 STUD    |
| U2853-X | 3         | 200 Amp  | *3/8"-16 STUD    |

### 125 Amp | Position

| Catalog | Desitions | Main Bus | Connectors CU/AL |
|---------|-----------|----------|------------------|
| Number  | Positions | Rating   | Line             |
| U2854-X | 4         | 400 Amp  | *3/8"-16 STUD    |
| U2855-X | 5         | 400 Amp  | *3/8"-16 STUD    |
| U2856-X | 6         | 400 Amp  | *3/8"-16 STUD    |

### **Connector Kits**

| Size   | Suffix | Kit<br>Number | Compatible<br>With   | Wire Range |
|--------|--------|---------------|----------------------|------------|
|        | -K1    | K1539         | U2852-56<br>U2862-66 | #6-350     |
| SINGLE | -K3    | K1540         | U2854-56<br>U2864-66 | #4-600     |
| TWIN   | -K2    | K1350         | U2854-56<br>U2863-66 | #6-350     |
| IVVIN  | -K4    | K1541         | U2864-66             | #2-600     |

### 200 Amp | Position

|         |           |          | -                |
|---------|-----------|----------|------------------|
| Catalog | Positions | Main Bus | Connectors CU/AL |
| Number  | Positions | Rating   | Line             |
| U2864-X | 4         | 400 Amp  | *3/8"-16 STUD    |
| U2865-X | 5         | 400 Amp  | *3/8"-16 STUD    |
| U2866-X | 6         | 400 Amp  | *3/8"-16 STUD    |

**Connectors:** For line wire connector kits, order separately. **Fifth Terminal:** For field mounted fifth terminal oder catalog number **K2381**. Order one per meter position (9 o'clock position only).

**Breakers:** Units have provision for one double pole main per meter position. Breakers not included. Order as extra Milbank.

\*To add lugs, refer to the connector kits available in the Connector Kits table.

| Amp             | Cutler-Hammer<br>(Westinghouse) | Simens<br>(ITE) | Siemens Murray/<br>Crouse-Hinds | G.E. | SQ-D     |
|-----------------|---------------------------------|-----------------|---------------------------------|------|----------|
| 150-200         | HQP/BR/WBJ                      | QN              | MD                              | THQ  |          |
| <u>&lt;</u> 125 | QP/BR/HQP                       | QP              | MP                              | THQ  | Homeline |



Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314 | milbankworks.con

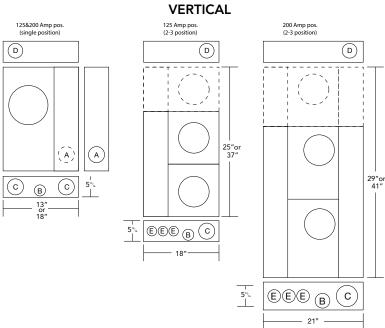
125-200 Amp | 22K AIC Rated | 240 VAC

21'



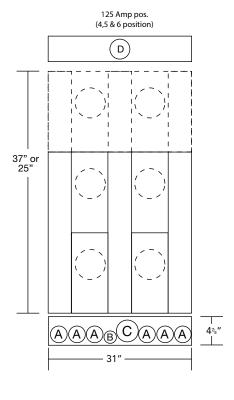
U2852-X

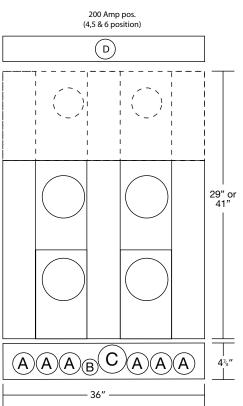
CONDOMINIUM METERING BANKS



RECTANGULAR

| Knock | couts     |
|-------|-----------|
| А     | 11⁄4″     |
| В     | 1/4, 1/2″ |
| С     | 3″        |
| D     | 4″        |
| E     | 2″        |
|       |           |





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bank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314 | milbankworks.c



125-200 Amp | 22K AIC Rated | 240 VAC



U5882-X



U5884-X

### 4 Terminal | Multi-Position Meter Main | Ringless

| Catalog | A   | Destations | <b>C</b> | 11. Ja | Connectors CU/AL | D      | Di   | mensic                     | ns | Weight |
|---------|-----|------------|----------|--------|------------------|--------|------|----------------------------|----|--------|
| Number  | Amp | Positions  | Service  | Hub    | Line             | Bypass | D"   | W"                         | H" | (lbs.) |
| U5902-X | 125 | 2          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 5½   | 261/2                      | 30 | 58     |
| U5903-X | 125 | 3          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | 34%                        | 30 | 88     |
| U5904-X | 125 | 4          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | 421/5                      | 30 | 107    |
| U5905-X | 125 | 5          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | 51½                        | 30 | 128    |
| U5906-X | 125 | 6          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | <b>59</b> <sup>3</sup> ⁄10 | 30 | 146    |
| U5882-X | 200 | 2          | OH/UG    | C.P.   | %″ x 16 Stud     | None   | 51⁄8 | 261/2                      | 30 | 58     |
| U5883-X | 200 | 3          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | 34%                        | 30 | 88     |
| U5884-X | 200 | 4          | OH/UG    | C.P.   | ³⁄₃″ x 16 Stud   | None   | 51⁄8 | 421/5                      | 30 | 107    |
| U5885-X | 200 | 5          | OH/UG    | C.P.   | ¾″ x 16 Stud     | None   | 51⁄8 | 511/20                     | 30 | 128    |
| U5886-X | 200 | 6          | OH/UG    | C.P.   | %″ x 16 Stud     | None   | 51⁄8 | <b>59</b> <sup>3</sup> ⁄10 | 30 | 146    |

### Notes

- Knockouts: See drawings on the next page.
- **Optional:** Factory installed breakers are available—consult factory.
- AIC Rating: All models are rated 22K AIC when used with approved breakers rated at 22K.
- Hub: Units supplied with one (1) closing plate. Order hubs separately, see accessories page.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- **Connectors:** Socket is supplied with 3/8" 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on the accessories page. Separate lug kits are required for line and load.

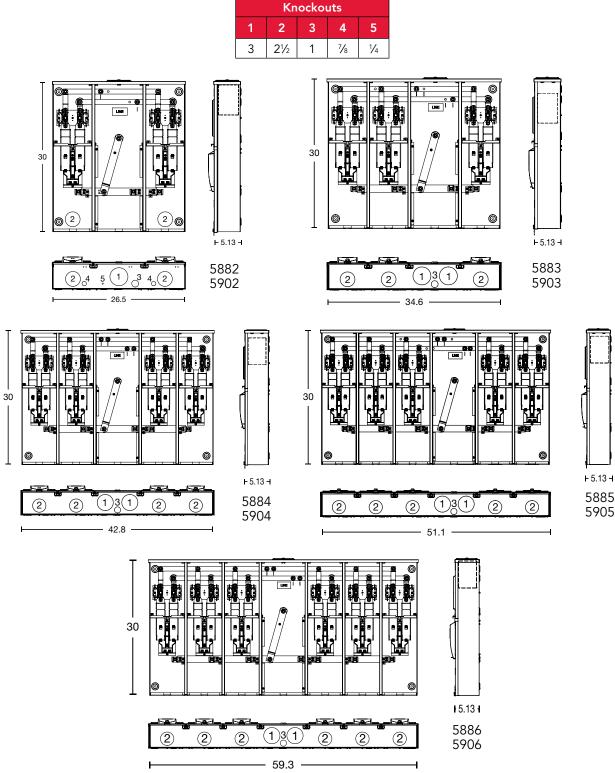
#### Breaker Chart - 10K AIC (unless noted 22K)

| Manufacturer    | Cutler Hammer             | Siemens                    | G.E. (50 Amp Max) | Square D |
|-----------------|---------------------------|----------------------------|-------------------|----------|
| 125 Amp or Less | Amp or Less BR, HQP, QPGF |                            | THQL, THQL-GF     | Homeline |
| 150-200 Amp     |                           | QN, <mark>QNH (22K)</mark> | _                 |          |



U5902 & U5882 Series | Dimensional Information





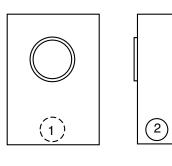




### **Current Transformer**

20 Amp | 5, 6, 7, 8, & 13 Terminal









UC7582-XL

UC7237-RL

### 20 Amp | Ringless | Plunger Type Bypass | Overhead/Underground

| Catalog   | Terminal | Meter                   | Meter |                      | Connecto              | ors CU/AL | Din   | nensi | ons |      | Kn   | ocko | uts  |     |
|-----------|----------|-------------------------|-------|----------------------|-----------------------|-----------|-------|-------|-----|------|------|------|------|-----|
| Number    | Terminal | Form                    | Hub   | Bypass               | Line                  | Load      | D"    | W"    | H"  | 1    | 2    | 3    | 4    | 5   |
| UC1290-XL | 5        | 35                      | C.P.  | Plunger* #14 - #10 3 |                       | 35⁄16     | 8     | 14    | 1½  | 1½   | 2    | 11⁄4 | 1⁄4  |     |
| UC1299-XL | 6        | 4S                      | C.P.  | Plunger*             | nger* #14 - #10       |           | 35⁄16 | 8     | 14  | 1½   | 1½   | 2    | 1¼   | 1⁄4 |
| UC7233-XL | 7        | 7, 14, 15 &<br>24 S     | C.P.  | Plunger*             | Plunger* #14 - #10    |           | 35⁄16 | 8     | 14  | 11/2 | 11/2 | 2    | 11⁄4 | 1⁄4 |
| UC7235-XL | 8        | 5S                      | C.P.  | Plunger*             | er <b>*</b> #14 - #10 |           | 35⁄16 | 8     | 14  | 1½   | 1½   | 2    | 1¼   | 1⁄4 |
| UC7237-XL | 13       | 6, 8, 9S &<br>(ALT) 10S | C.P.  | Plunger*             | #14 -                 | - #10     | 35⁄16 | 8     | 14  | 1½   | 11⁄2 | 2    | 11⁄4 | 1⁄4 |

### 20 Amp | Ring Type | Plunger Type Bypass | Overhead/Underground

| Catalog   | Terminal | Meter                   | Link | D        | Connectors CU/AL |        | Dimensions |    |    | Knockouts |    |      |    |     |
|-----------|----------|-------------------------|------|----------|------------------|--------|------------|----|----|-----------|----|------|----|-----|
| Number    | Terminal | Form                    | Hub  | Bypass   | Line             | Load   | D"         | W" | H" | 1         | 2  | 3    | 4  | 5   |
| UC1291-RL | 5        | 3S                      | H.O. | Plunger* | #14 - #          | 10 Max | 35⁄16      | 8  | 14 | 1½        | 1½ | 11⁄4 | 1¼ | 1⁄4 |
| UC1300-RL | 6        | 4S                      | H.O. | Plunger* | #14 - #          | 10 Max | 35/16      | 8  | 14 | 1½        | 1½ | 11⁄4 | 1¼ | 1⁄4 |
| UC7544-RL | 7        | 5S                      | H.O. | Plunger* | #14 - #          | 10 Max | 35/16      | 8  | 14 | 1½        | 1½ | 11⁄4 | 1¼ | 1⁄4 |
| UC7545-RL | 8        | 6, 8, 9S &<br>(ALT) 10S | H.O. | Plunger* | #14 - #          | 10 Max | 35/16      | 8  | 14 | 1½        | 1½ | 11⁄4 | 1¼ | 1⁄4 |
| UC7582-RL | 13       | 6, 8, 9S &<br>(ALT) 10S | C.P. | None     | #14 - #          | 10 Max | 35⁄16      | 8  | 14 | 1½        | 1½ | 1¼   | 1¼ | 1⁄4 |

### Notes

• Hubs: For proper hub selection see the hub suffix chart on the accessory page.

• Connectors: Units are supplied with sleeve type connectors (#14-#2).

\* Bypass: Plunger type bypass automatically closes when meter is removed.

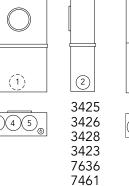


### **Current Transformer**

20 Amp | 5, 6, 8, 13, & 15 Terminal | 600 VAC



UC3438-XL



UC3426-XL

### 20 Amp | Ringless | With Provision for Test Switch | Two-Piece Front

| Catalog   | Terminal | Meter                   | Comico  | Link | Hub Bypass | Connectors CU/AL |      | Dimensions |    |    | Knockouts |      |      |      |      |          |
|-----------|----------|-------------------------|---------|------|------------|------------------|------|------------|----|----|-----------|------|------|------|------|----------|
| Number    | Terminal | Form                    | Service |      |            | Line             | Load | D"         | W" | Н" | 1         | 2    | 3    | 4    | 5    | 6        |
| UC3425-XL | 5        | 3S                      | OH/UG   | C.P. | None       | #14              | - #2 | 51⁄8       | 12 | 20 | 11⁄4      | 11/4 | 1¼   | 1¼   | 11⁄4 | 1/4, 1/2 |
| UC3426-XL | 6        | 4S                      | OH/UG   | C.P. | None       | #14              | - #2 | 51/8       | 12 | 20 | 1¼        | 11⁄4 | 1¼   | 1¼   | 1¼   | 1/4, 1/2 |
| UC3428-XL | 8        | 5S                      | OH/UG   | C.P. | None       | #14              | - #2 | 51/8       | 12 | 20 | 11⁄4      | 11/4 | 11⁄4 | 11⁄4 | 11⁄4 | 1/4, 1/2 |
| UC3423-XL | 13       | 6, 8, 9S &<br>(ALT) 10S | OH/UG   | C.P. | None       | #14              | - #2 | 51/8       | 12 | 20 | 1¼        | 1¼   | 1¼   | 1¼   | 1¼   | 1/4, 1/2 |

### 20 Amp | Ring Type | Test Switch Factory Prewired | Two-Piece Front **Approved for Tucson Electric Power**

| Catalog           | Torminal | Somico  | Hub | Bypass         | Connectors CU/ |      | Dimensions |    |    | Knockouts |    |    |    |      |          |
|-------------------|----------|---------|-----|----------------|----------------|------|------------|----|----|-----------|----|----|----|------|----------|
| Number            | Terminal | Service | пир | Буразз         | Line           | Load | D"         | W" | H" | 1         | 2  | 3  | 4  | 5    | 6        |
| UC7636-YL-TGE-DES | 6        | ОН      | 1¼  | Test<br>Switch | #14            | - #2 | 41⁄8       | 12 | 20 | 11⁄4      | 1¼ | 1¼ | 1¼ | 11/4 | 1/4, 1/2 |
| UC7461-YL-TGE-DES | 13       | ОН      | 1¼  | Test<br>Switch | #14            | - #2 | 41⁄8       | 12 | 20 | 11⁄4      | 1¼ | 1¼ | 1¼ | 11/4 | 1/4, 1/2 |

### 20 Amp | Ring Type | With Provision for Test Switch | EUSERC Compliant | Two-Piece Front

| Catalog   | Terminal Service | LL. | Durana | Connecto | ors CU/AL | Din | nensi | ons |  |  | Knoc | kouts | ; |  |
|-----------|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|-----|--------|----------|-----------|-----|-------|-----|--|--|------|-------|---|--|
| Number    | Ierminai         | Service | Hub     | Bypass  | Line    | Load    | D"      | W"      | Η"      | 1       | 2       | 3       | 4       | 5       | 6       |     |        |          |           |     |       |     |  |  |      |       |   |  |
| UC3435-XL | 5                | OH/UG   | C.P.    | None    | #14     | - #2    | 51/8    | 12      | 20      | 2       | 2       | 2       | 2       | 2       | -       |     |        |          |           |     |       |     |  |  |      |       |   |  |
| UC3436-XL | 6                | OH/UG   | C.P.    | None    | #14     | - #2    | 51/8    | 12      | 20      | 2       | 2       | 2       | 2       | 2       | -       |     |        |          |           |     |       |     |  |  |      |       |   |  |
| UC3438-XL | 8                | OH/UG   | C.P.    | None    | #14     | - #2    | 51/8    | 12      | 20      | 2       | 2       | 2       | 2       | 2       | -       |     |        |          |           |     |       |     |  |  |      |       |   |  |
| UC3433-XL | 13               | OH/UG   | C.P.    | None    | #14     | - #2    | 51/8    | 12      | 20      | 2       | 2       | 2       | 2       | 2       | _       |     |        |          |           |     |       |     |  |  |      |       |   |  |
| UC3434-XL | 15               | OH/UG   | C.P.    | None    | #14     | - #2    | 51⁄/8   | 12      | 20      | 2       | 2       | 2       | 2       | 2       | _       |     |        |          |           |     |       |     |  |  |      |       |   |  |

#### Notes

• Prewiring: If factory prewiring is required consult factory before ordering. Please include meter socket catalog number, test switch number, meter form number, and a copy of your wiring diagram.

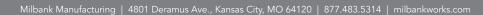
- Test Switch Covers: Units on this page can be used with clear lexan cover (except units 7636 and 7461).
- Connectors: Units are supplied with sleeve type connectors (#14-#2).
- Hubs: For proper hub selection see the hub suffix chart in accessory section.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



IIPPFNT

TRANSFORMER





### **Current Transformer Test Switches**



#### SWITCH BLADES

Two dimples coined into one side of the switch blade ensure positive contact in corrosive, sooty environments – even after years of inactivity.

#### **TEST SWITCH COVERS**

Standard test switch covers are made from break resistant, clear, thermal plastic which has excellent tracking and moisture resistant properties. If covers are required, add suffix "-WC" (with cover) to the catalog number or order separately catalog number K3388. Black flush mount covers are also available. Order catalog number K3388-BLK-FL.10 pole base only.



### TEST SWITCH BASE

The base is molded from a high strength, fiberglass reinforced, thermoset polyester. This material is track resistant, flame retardant and has low water absorption qualities. Bases are available in 7 pole and 10 pole sizes.

#### SWITCH JAWS

The switch blade jaw clips are constructed from spring grade copper alloy. The material and design ensure excellent contact which prevents overheating.



4, 7, & 10 Pole

### POLARITY BARRIER

For maximum protection potential circuits are supplied with permanently mounted, rigid barriers made from high tensile strength, polycarbonate.

#### CURRENT CARRYING PARTS

Highly conductive copper and copper alloy materials are used on all current carrying parts. This ensures conductivity and deters corrosion. Spring grades are used where appropriate. Plating is available if required. Contact general offices to special order.



#### **Notes**

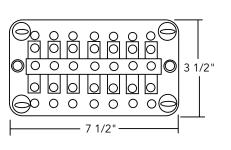
- Factory Installed: For cover installed add the suffix -WC or -WCFL to the catalog number of desired test switch
- Field Installed: For field installed cover order kit number K3388 or K3388-BLK-FL.

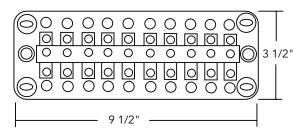
The MILBANK test switch is designed to meet the critical requirements of the electric utility industry. Not only do they meet EEI, ANSI C12.9, and UL standards but they combine several special features giving the MILBANK test switch increased safety, durability and reliability. One such feature is our unique switch blade contact points which cut through residue that builds up after years of service. Another distinction is our polarity barrier which is designed to be flexible as well as offer exceptional insulating qualities. Our test switches are constructed from the latest materials available using modern fabricating and assembly methods.



# **Current Transformer Test Switches**

4, 7, & 10 Pole | 600 VAC | Per Ansi C12.9 Standard





|    | KEY  |
|----|--|
| Р  | Potential Switch                                     |
| C+ | Line side current switch with short circuit assembly |
| С  | Load side current switch with test jack assembly     |
| N  | Neutral bar (no switch)                              |
| Pn | Neutral potential switch                             |
| Х  | Unused position on base                              |
|    | Line side current switch with short circuit assembly |

#### CUSTOM POLE ARRANGEMENTS

The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.



CURRENT

TRANSFORMER

| Catalog<br>Number |   |    | 4  | -POL | E  |    |   |
|-------------------|---|----|----|------|----|----|---|
| TS04-0101         | Х | Р  | Pn | Х    | C+ | С  | Х |
| TS04-0104         | Х | C+ | С  | Х    | Р  | Pn | Х |

| Catalog<br>Number |   |   | 7  | -POL | E |    |   |
|-------------------|---|---|----|------|---|----|---|
| TS07-0105         | Р | Р | Pn | C+   | С | C+ | С |

| Catalog<br>Number |   |   | 7-P | OLE | ON A | 10-PC | DLE BA | ASE |   |    |
|-------------------|---|---|-----|-----|------|-------|--------|-----|---|----|
| TS07-0049         | Р | Х | Р   | Х   | Pn   | Х     | C+     | С   | С | C+ |
| TS07-0106         | X | Р | C+  | С   | Р    | C+    | С      | Pn  | Х | Х  |

| Catalog<br>Number |    |    |    |    | 10-P | OLE |    |    |    |    |
|-------------------|----|----|----|----|------|-----|----|----|----|----|
| TS10-0109         | Р  | Р  | Р  | Pn | C+   | С   | C+ | С  | C+ | С  |
| TS10-0110         | Р  | C+ | С  | Р  | C+   | С   | Р  | C+ | С  | Pn |
| TS10-0111         | Р  | Р  | Р  | Pn | С    | C+  | С  | C+ | С  | C+ |
| TS10-0112         | C+ | С  | C+ | С  | C+   | С   | Р  | Ρ  | Р  | Pn |
| TS10-0016         | Р  | Р  | Р  | PN | С    | C+  | С  | C+ | С  | C+ |

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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### **Milbank Test Switch Worksheet**



**TEST SWITCH BASE** 

The base is molded from a high strength, fiberglass

qualities. Bases are available in two standard sizes

following NEMA mounting classifications.

reinforced, thermoset polyester. This material is trackresistant, flame-retardant and has low water absorption

| Custom   | er Name: |      |      |
|----------|----------|------|------|
| Email: _ |          | <br> | <br> |

Phone: \_\_\_\_\_

#### Handle Color Key Yellow BK Black Ρ Purple Y GN Green R Red BL Blue W White BK/Stripe BKS BR Brown GR Gray 0 Orange WS W/Stripe

### **Pole Position Chart**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
|   |   |   |   |   |   |   |   |   |    |

### **Special Features**

| Features | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|---|---|---|---|---|---|---|---|---|----|
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |

#### Engineering Information: \_\_\_\_\_

|    | KEY   |
|----|---|
| Р  | Potential Switch  |
| C+ | Line side current switch with<br>short circuit assembly |
| С  | Load side current switch with<br>test jack assembly     |
| Ν  | Neutral bar (no switch)                                 |
| Pn | Neutral potential switch                                |
| Х  | Unused position on base                                 |
|    | Line side current switch with<br>short circuit assembly |

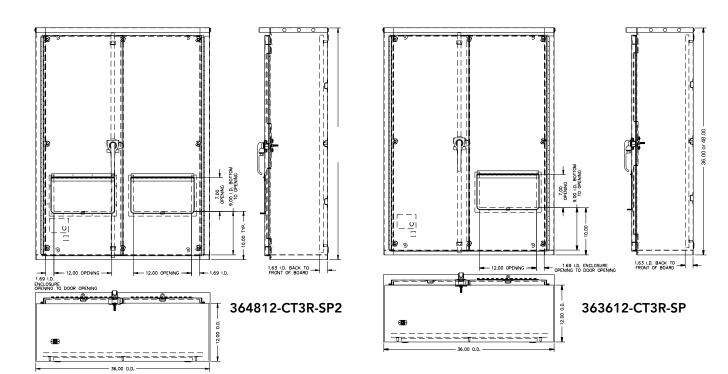
**Custom Pole Arrangements:** The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/ shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.





# **Current Transformer Cabinets**

Door Mount CT Rated Socket & Type 3R





| Catalog  | Terreteral                | Durana  | A          | Compositore | Dimensions |      |    |  |
|----------|---------------------------|---------|------------|-------------|------------|------|----|--|
| Number   | Terminal Bypass Amp Conne |         | Connectors | D"          | W"         | Н"   |    |  |
| K4806-BP | 13                        | Plunger | 20 A       | #14-4 Max   | 21/2       | 71/8 | 7½ |  |
| Note     |                           |         |            |             |            |      |    |  |

**BP:** The -BP suffix indicates plunger bypass.

### Current Transformer Rated Cabinets – Type 3R

| Catalog         | Gauge of |    | nensi | ons | Pane    | l Size | Panel & Backboard   | Catalog Numbers   |
|-----------------|----------|----|-------|-----|---------|--------|---------------------|-------------------|
| Number          | Steel    | D" | W"    | H"  | W" x H" |        | Painted Steel Panel | Wood Backboard    |
| 243210-LC3R-SP  | 14       | 10 | 24    | 32  | 21      | 29     | A-24P32             | A-24P32W          |
| 323610-LC3R-SP  | 14       | 10 | 32    | 36  | 29      | 33     | A-32P36             | A-32P36W          |
| 363016-CT3R     | 14       | 16 | 36    | 30  | 33      | 27     | A-36P30             | A-36P30W          |
| 363612-CT3R-SP  | 14       | 12 | 36    | 36  | 33      | 33     | A-36P36             | A-36P36W Included |
| 364812-CT3R-SP2 | 14       | 12 | 36    | 48  | 33      | 45     | A-48P36             | A-48P36W Included |

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### **Current Transformer Cabinets**

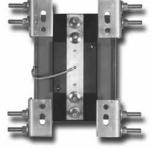


K4797



K4722





K4793/K4795

### **Current Transformer Enclosure Mounting Racks**

| Catalog<br>Number | Code | AIC Rating | Amp     | Volts | Type of<br>Service | Termination Type  |
|-------------------|------|------------|---------|-------|--------------------|---|
| K4797             | A4   | 50K        | 400     | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4797             | А    | 50K        | 800     | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4798             | B4   | 50K        | 400     | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4798             | В    | 50K        | 800     | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4793             | С    | 10K        | 201-400 | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4795             | D    | 10K        | 401-800 | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| К4794             | E    | 10K        | 201-400 | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4796             | F    | 10K        | 401-800 | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4729             | G    | 50K        | 800     | 600   | 1Ø3W               | (3) #4 - 600 or (6) #1 - 250  |
| K4722             | Н    | 50K        | 800     | 600   | 3Ø4W               | (3) #4 - 600 or (6) #1 - 250  |
| K4903             | J    | 50K        | 400     | 600   | 1Ø3W               | (1) #4 - 600 or (2) #1 - 250  |
| К4904             | К    | 50K        | 400     | 600   | 3Ø4W               | (1) #4 - 600 or (2) #1 - 250  |
| K5747             | L    | 50K        | 800     | 600   | 3Ø4W               | Line: 1/2 x 13 Studs on 1-3/4"Centers<br>Load: (3) #4 - 600 or (6) #1 - 250 |
| K5752             | М    | 50K        | 800     | 600   | 1Ø3W               | Line: 1/2 x 13 Studs on 1-3/4"Centers<br>Load: (3) #4 - 600 or (6) #1 - 250 |

### Note

• Match red code letter with the applicable CT Cabinet on pages 61 & 62.

• 1/2" Lug Kit: order K4200 (single, #4-600) or K4223 (double, #6-350). Each Kit contains four connectors.



# **Current Transformer Cabinets**

Screw Cover & Hinge Cover



CT363611-SC



CT203611-HC

### Screw Cover

| Catalog     | C.T.                                 | D  | imensior | Front |          |
|-------------|--------------------------------------|----|----------|-------|----------|
| Number      | Racks                                | D" | W"       | H"    | Cover    |
| CT24329-SC  | A4, C, D, G, J, M                    | 9  | 24       | 32    | 1 Piece  |
| CT242411-SC | G                                    | 11 | 24       | 24    | 1 Piece  |
| CT243011-SC | A4, C, D, G, J, M                    | 11 | 24       | 30    | 1 Piece  |
| CT243611-SC | A4, C, D, G, J, M                    | 11 | 24       | 36    | 1 Piece  |
| CT244811-SC | A, C, D, G, J                        | 11 | 24       | 48    | 1 Piece  |
| CT303011-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 30    | 1 Piece  |
| CT303611-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 36    | 1 Piece  |
| CT363611-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 36       | 36    | 1 Piece  |
| CT364211-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 42    | 2 Pieces |
| CT364811-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 48    | 2 Pieces |
| CT424211-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 42       | 42    | 2 Pieces |
| CT484811-SC | A, B, C, D, G, J, M                  | 11 | 48       | 48    | 2 Pieces |
| CT303614-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 14 | 30       | 36    | 2 Pieces |
| CT364814-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 14 | 36       | 48    | 2 Pieces |
| CT484814-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 14 | 48       | 48    | 2 Pieces |

#### Hinge Cover

| Catalog     | C.T.                                   | D  | imensior | Front |          |
|-------------|--|----|----------|-------|----------|
| Number      | Racks                                  |    | W"       | H"    | Cover    |
| CT203611-HC | A4, C, D, J                            | 11 | 20       | 36    | 1 Piece  |
| CT243011-HC | A4, C, D, G, J, M                      | 11 | 24       | 30    | 1 Piece  |
| CT243611-HC | A4, C, D, G, J, M                      | 11 | 24       | 36    | 1 Piece  |
| CT244811-HC | A, C, D, G, J, M                       | 11 | 24       | 48    | 1 Piece  |
| CT303611-HC | A4, B4, C, D, E, F, G, H, J, K, L, M   | 11 | 30       | 36    | 1 Piece  |
| CT304811-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 48    | 1 Piece  |
| CT363611-HC | A4, B4, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 36    | 1 Piece  |
| CT364811-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 11 | 36       | 48    | 1 Piece  |
| CT484811-HC | A, B, C, D, J, M                       | 11 | 48       | 48    | 2 Pieces |
| CT484814-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 14 | 48       | 48    | 2 Pieces |

### Note

- Enclosure: These units are rated Type 3R, powder coated, and constructed of galvanized steel.
- Mounting Rack: Select CT mounting rack by matching the appropriate letter in CT rack column on page 61 with applicable letter in **Code column** on page 60.
- Mounting: 1/4-20 welded studs.





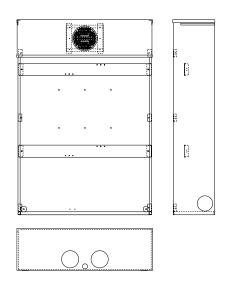


# **Metered Transformer Cabinets**

Screw Cover | Ring Type



U3565-O



### Metered Transformer Cabinets | Ring Type

| Catalog | <b>T</b> e in | Comico  | Matan Farma             | 11.4 | D  | imensio | ns | СТ                                 |
|---------|---------------|---------|-------------------------|------|----|---------|----|------------------------------------|
| Number  | Terminal      | Service | Meter Form              | Hub  | D" | W"      | H" | Racks                              |
| U3319-R | 5             | ОН      | 35                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3320-R | 6             | ОН      | 4S                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3321-R | 8             | ОН      | 5S                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3322-R | 13            | ОН      | 6, 8, 9S &<br>(ALT) 10S | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3323-R | 8             | ОН      | 5S                      | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3555-R | 15            | ОН      | 39S, 76S                | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3339-O | 5             | UG      | 35                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3340-O | 6             | UG      | 4S                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3341-O | 8             | UG      | 5S                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3342-O | 13            | UG      | 6, 8, 9S &<br>(ALT) 10S | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3343-O | 8             | UG      | 5S                      | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3565-O | 15            | UG      | 39S, 76S                | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |

### Note

• Meter Socket: 20 amp current transformer meter socket built in.

- Enclosure: NEMA Type 3R with screw cover.
- Current Transformer Mounting: 1/4-20 welded studs.
- Hubs: For proper hub selection, see hub suffix chart in the accessory section.
- Sealing Rings: Supplied with MR-4 screw type sealing ring.
- Mounting Racks: For mounting rack information refer to previous page. Select CT mounting rack by matching the appropriate letter in CT rack column on page 62 with applicable letter in Code column on page 60.

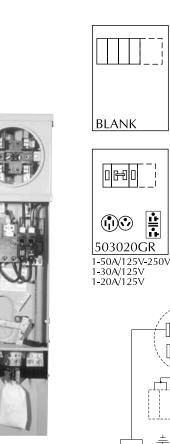


125 Amp | Mobile Home Metered | 120/240 VAC

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### **Standard Configurations**

H

 $(\mathbf{i})$ 50

1-50A/125-250V

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100-20GR 100A, 2Pole CB

1-20A/125V

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B

**Catalog Number** 

**MPRV-BLANK-78** 

MPRV-BLANK-78-R-5T

MPRV-100-78

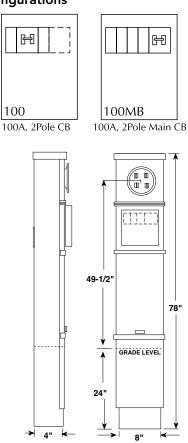
MPRV-100-MB-78

MPRV-100-20GR-78

MPRV-50-78

MPRV-503020GR-78

≗



Single

Description

Ring type, parallel wired

Ringless, horn bypass

Ring type, parallel wired

Ring type, series wired

Ring type, parallel wired

Ring type

Ring type

### MPRV-100-MB-78

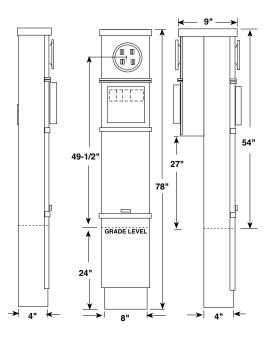
### **Specifications**

- UL listed 100 amp continuous duty meter socket.
- 120/240 volt single phase service.
- Twin line termination lugs #6-350 kcmil CU/AL per phase for looping.
- Space for four (4) single, or one double (240V C/B center- positions only) and two (2) single pole universal style, plug-in circuit breakers.
- Ringless version equipped with horn bypass as standard.
- For fifth terminal field installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear feed kit PF-KR included.
- For optional stabilizer foot, order K5763.
- Specify MPRV-100-78 for 100 amp service pedestal with direct feed kit and 100 amp CB wired in parallel. Space for two additional single pole CBs provided. Series wiring available; specify MPRV-100-MB-78.
- MR-2 sealing ring standard with ring type cover.
- No knockouts.

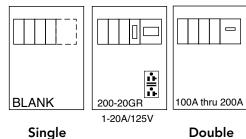


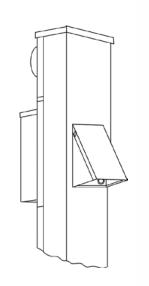


200 Amp | Mobile Home Metered | 120/240 VAC



Standard Configurations









MPAP-200-78

| Catalog Number   | Description                           |
|------------------|---------------------------------------|
| MPAP-BLANK-78    | Ring type, parallel wired             |
| MPAP-BLANK-78R   | Ringless, horn bypass, parallel wired |
| MPAP-100-78      | Ring type, parallel wired             |
| MPAP-100-MB-78   | Ring type, series wired               |
| MPAP-200-78      | Ring type, parallel wired             |
| MPAP-200-MB-78   | Ring type, series wired               |
| MPAP-200-20GR-78 | Ring type, parallel wired             |
| MPAPD-BLANK-78   | Ring type, parallel wired             |
| MPAPD-BLANK-78R  | Ringless, horn bypass, parallel wired |

### Notes

- Order K4714 for series wire kit.
- Order K5194 for parallel to series field conversion kit.
- Order K5193 for series to parallel field conversion kit.



Specifications

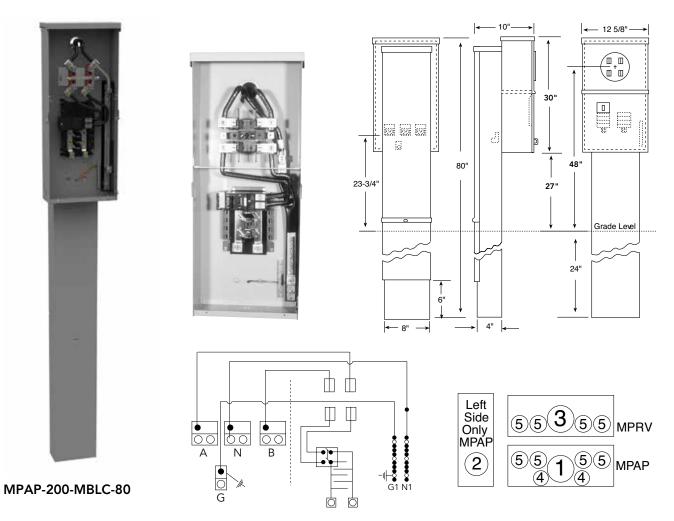
B

G

- 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping.
- UQFP breaker provisions factory wired in parallel with branch breaker bus. Series wiring available. Specify MB after breaker rating, ex. MPAP-200-MB.
- Furnished with space for four single or one double (240V C/B center-positions only) and two single pole universal style, plug-in circuit breakers in addition to main.
- Ringless version equipped with horn bypass as standard.
- For fifth terminal field installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear feed kit **PF-KR** included.
- MR-2 sealing ring standard with ring type cover.
- Series coversion kit order K4714

### **Power Pedestals with Load Center**

100 & 200 Amp Series MPRV & MPAP | Ring Type



### 100 & 200 Amp | Load Center Power Outlets

| Catalog          | Description   | Knockouts |   |   |    |          |  |  |
|------------------|---|-----------|---|---|----|----------|--|--|
| Number           | Description   | 1         | 2 | 3 | 4  | 5        |  |  |
| MPRV-100-MBLC-80 | 100 Amp Metered Pedestal with (8) Circuit Load Center | 21/2      | 2 | - | 1¼ | 1/2, 3/4 |  |  |
| MPAP-200-MBLC-80 | 200 Amp Metered Pedestal with (8) Circuit Load Center | 21/2      | 2 | - | 1¼ | 1/2, 3/4 |  |  |

### **Specifications**

- UL listed 100/200 amp continuous duty meter socket.
- Approved for 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping. Rear termination.
- Space for (8) single, or (4) double and two single pole universal style plug-in circuit breakers.
- Series main breaker factory installed.
- Direct feed lugs standard.

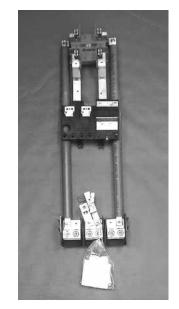
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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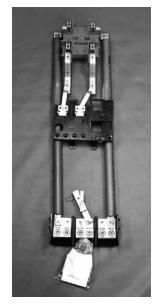




Catalog Number Z020-148-00-00-0 MPAP 200A interior rebuild kit

### **Replacement Parts**

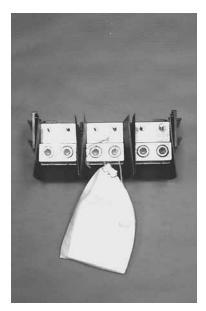
Mobile Home Rebuild Kits



Catalog Number 020-147-00-00-0 MPRV 100A interior rebuild kit



Catalog Number RBK-1 Unicorn MPP (pre-1969) interior rebuild kit



Catalog Number Z1050596 MPAP, MPRV & Unicorn MPP lug landing assembly with grounding kit

#### Above items sold as complete assemblies only. Individual components not available.



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### **Replacement Parts**

Mobile Home Rebuild Kits





Catalog Number PF-BL MPAP/MPRV blank deadfront with hinged cover



Catalog Number PF-KR MPAP/MPRV rear connector kit



Lug Cover for MPAP/MPRV Order Catalog Number 403456-SC (8-1/2" W X 20-1/2" H) for 72" pedestals and Catalog Number 403457-SC (8-1/2" W X 26-1/2" H) for 78" pedestals.

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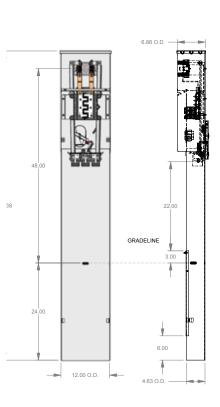
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# **Mobile Home Pedestals**

100 Amp | U6276 Series | 120/240 VAC





### **Features and Benefits**

- Circuit breaker interior has provisions for twelve full oneinch poles (including main).
- Rating: 100 Amp, 120/240 VAC.
- Interiors will accept plug-in breakers. (GE, Cutler-Hammer, Siemens, SQD)
- Suitable for use as service equipment and mobile home service equipment.
- Rear Feed Kit included in Pedestal
- Twin 350 MCM line terminals (installed) provide optional loop-feed installation.
- 14 gauge corrosion resistant steel construction.
- Type 3R Raintight enclosure.
- Padlock provision.
- Total unit height is 76". Burial depth is 24". Installed height from ground is 48" to meter center.
- Standard color: gray powder coat finish.
- EUSERC compliant drawing number 307
- Pad Mount version available

| Catalog Number | Configuration   |
|----------------|---|
| U6276-O-10GR   | (1) 20 amp 5-20R Duplex                                   |
| U6276-O-54     | (1) 50 amp 14-50R Duplex                                  |
| U6276-O-41     | (1) 20 amp 5-20R Duplex (1) 30 amp TT-30R                 |
| U6276-O-55     | (1) 20 amp 5-20R Duplex (1) 50 amp 14-50GR                |
| U6276-O-75     | (1) 50 amp 14-50R (1) 30 amp TT30 (1) 20amp 5-20GR Duplex |
| U6276-O-100    | (1) 100 amp breaker installed                             |
| U6276-O-100MB  | (1) 100 Main Breaker series wired                         |

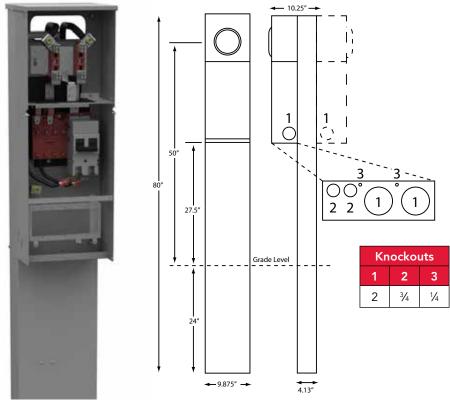
### Notes

- Contact Factory for additional options
- Extension Kit and Stabilizer Foot Available
- Replacement Parts available (covers, dead-fronts, receptacles, breakers).



200 Amp | U5240 & U5241 Series | Ring Type





U5240-O-200S

### **Specifications**

- Twin line termination lugs #6-350 CU/AL per phase for looping.
- 200 amp maximum, 120/240 volt, single phase, three wire meter socket.
- Ring type meter socket with stainless steel screw-type sealing ring.
- Short circuit withstand rating 22K AIC.
- Type 3R construction for durable outdoor use, one piece post lockable and sealable.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line & neutral: (2) #6-350 kcmil per phase
- Line ground: (4) #14-1/0
- Load: See Circuit Breaker
- Load neutral: (1) #6-350 kcmil.
- Load ground: (2) #14-1/0, (4) #14/6
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 & 200 amp. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers up to a total of 125 amp maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens
- Factory or field-installable receptacle bridge and receptacle/circuit breaker kits available. See accessories.



200 Amp | Ring Type

| Catalog      | Powerheads | Mounting      | Main Breaker                        | Main CB | Circuits | Dimensions |    |    |  |
|--------------|------------|---------------|-------------------------------------|---------|----------|------------|----|----|--|
| Number       | Powerneads | Mounting      | wain breaker                        |         | Circuits | D"         | W" | H" |  |
| U5240-O-100S | Single     | Direct Burial | UQFPH-M-100                         | 100     | 4        | 10¼        | 10 | 80 |  |
| U5240-O-200S | Single     | Direct Burial | UQFPH-M-200                         | 200     | 4        | 10¼        | 10 | 80 |  |
| U5240-O      | Single     | Direct Burial | Provision for<br>UQFPH-M series     |         | 4        | 10¼        | 10 | 80 |  |
| U5242-O-200S | Single     | Pad Mount     | UQFPH-M-200                         | 200     | 4        | 10¼        | 10 | 56 |  |
| U5242-O      | Single     | Pad Mount     | Provision for<br>UQFPH-M series     | _       | 4        | 10¼        | 10 | 56 |  |
| U5241-O-100S | Double     | Direct Burial | (2) UQFPH-M-100                     | 100     | 4        | 16         | 10 | 80 |  |
| U5241-O-200S | Double     | Direct Burial | (2) UQFPH-M-200                     | 200     | 4        | 16         | 10 | 80 |  |
| U5241-O      | Double     | Direct Burial | Provision for<br>(2) UQFPH-M series |         | 4        | 16         | 10 | 80 |  |
| U5243-O      | Double     | Pad Mount     | Provision for<br>(2) UQFPH-M series | _       | 4        | 16         | 10 | 56 |  |

### 200 Amp | 4 Terminal | Service Pedestals | Ring Type

### Accessories

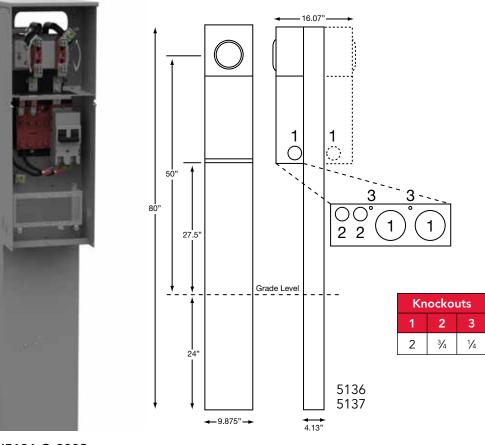
| Catalog<br>Number | Description   |
|-------------------|---|
| K5415             | Stabilizer foot with hardware                             |
| K5035             | Pad mount kit with hardware for U5242 & U5243             |
| K5T               | 5th terminal for 208y/120V 3-wire service                 |
| K5193             | Bus kit to convert series-wired main breaker to parallel  |
| K5194             | Wire kit to convert parallel-wired main breaker to series |
| K3450             | Telephone/CATV mounting bracket (mounts left or right)    |
| K5039             | Penta bolt utility cover                                  |

### Notes

- Up to two receptacle/circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- K5415 Stabilizer Foot sold separately. Recommended for double pedestals.
- Pad mount pedestals require K5035 pad mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.



200 Amp | Ringless



U5136-O-200S

### **Specifications**

- UL listed
- 200 amp maximum, 120/240 V, 1Ø3W
- Ringless type meter socket with stainless steel latch
- Short circuit withstand rating 22 KAIC
- Type 3R construction for durable outdoor use
- ANSI 61 gray polyester powder coat finish
- Wire terminations accept copper or aluminum conductors
- Line & Neutral: (2) #6-350 kcmil per phase, Line Ground: (4) #14-1/0
- Load (CB): 2/0 to 300 kcmil per pole
- Load neutral: (1) #6-350 kcmil
- Load ground: (2) #14-1/0, (4) #14/6
- Commercial grade, plug-in main circuit breaker. Available in 100, 125, 150 & 200 AMP. Type UQFP-H-M.
- 4 circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers. Branch circuit rated to 125 amp max. Acceptable manufacturers: Milbank, Cutler-Hammer, GE or Siemens
- Twin line termination lugs #6-350 CU/AL per phase for looping.

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U5136 & U5137 Series | Ringless

### 100-200 Amp | Meter Main with Load Center Pedestals | Ringless

| Catalog<br>Number | Powerheads | Mounting      | Amp | Main Breaker                        | Interior  | Dimensions |    |    | Knockouts |         |     |
|-------------------|------------|---------------|-----|-------------------------------------|-----------|------------|----|----|-----------|---------|-----|
|                   |            |               |     |                                     |           | D"         | W" | H" | 1         | 2       | 3   |
| U5136-O-100S      | Single     | Direct Burial | 100 | UQFPH-M-100                         | 4 circuit | 10¼        | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5136-O-200S      | Single     | Direct Burial | 200 | UQFPH-M-200                         | 4 circuit | 10¼        | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5136-O           | Single     | Direct Burial | _   | Provision for<br>UQFPH-M series     | 4 circuit | 10¼        | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5137-O-100S      | Double     | Direct Burial | 100 | (2) UQFPH-M-100                     | 4 circuit | 161/16     | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5137-O-200S      | Double     | Direct Burial | 200 | (2) UQFPH-M-200                     | 4 circuit | 161/16     | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5137-O           | Double     | Direct Burial | _   | Provision for<br>(2) UQFPH-M series | 4 circuit | 161/16     | 10 | 80 | 2         | 1/2,3/4 | 1⁄4 |
| U5138-O-200S      | Single     | Pad Mount     | 200 | UQFPH-M-200                         | 4 circuit | 101⁄4      | 10 | 56 | 2         | 1/2,3/4 | 1⁄4 |
| U5138-O           | Single     | Pad Mount     |     | Provision for<br>UQFPH-M series     | 4 circuit | 10¼        | 10 | 56 | 2         | 1/2,3/4 | 1⁄4 |
| U5139-O           | Double     | Pad Mount     | _   | Provision for<br>UQFPH-M series     | 4 circuit | 161/16     | 10 | 56 | 2         | 1/2,3/4 | 1⁄4 |

#### Accessories

| Catalog<br>Number | Description   |  |  |  |
|-------------------|---|--|--|--|
| K5415             | Stabilizer foot with hardware                             |  |  |  |
| K5035             | Pad mount kit with hardware for <b>U5138</b>              |  |  |  |
| K5T               | 5th terminal for 208y/120V 3-wire service                 |  |  |  |
| K5193             | Bus kit to convert series-wired main breaker to parallel  |  |  |  |
| K5194             | Wire kit to convert parallel-wired main breaker to series |  |  |  |
| K3450             | Telephone/CATV mounting bracket (mounts left or right)    |  |  |  |
| K5039             | Penta bolt utility cover                                  |  |  |  |

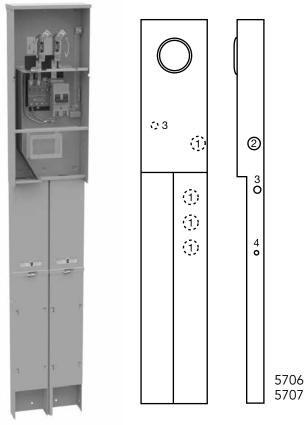
### Notes

- Parallel to Series Conversion: For field converting from parallel wired to series wired order K5194.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- Stabilizer Foot: For field installed stabilizer foot, order K5415.
- Penta Bolt Locking: For field installed pedestal fronts penta bolt locking, order K5039.
- Pad Mount Units: Pad mount pedestals require K5035 pad mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.



# **Service Pedestals**

U5706 Series | Ringless



### U5706-O-200S

### **Specifications**

- 200 amp, 1Ø, 120/240 volt, 22K AIC, underground service only.
- U5706 has ringless meter socket available with or without horn bypass (-KK).
- U5707 has ring type meter socket with MR-4 screw type meter ring.
- Suitable for use as service equipment, mobile home service equipment and temporary power service equipment.
- Direct burial pedestal suitable for free standing or structure mounted installation.
- Separate line and load wireways are removable, lockable and sealable for security.
- Left side is for utility connection. Right side is for customer underground load exit.
- Convenient knockouts in post for through-wall load exit requirements.
- Type 3R enclosure constructed with type G90 galvanized steel.
- Repaintable light gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors: Line & Neutral: #6-350 Ground: (4) #14-1/0.
- Main circuit breaker can be series or parallel connected.
- Universal 4 circuit branch 125 amp interior (up to (2) 2-pole) accepts most manufacturers plug-in type circuit breakers. See wiring diagram.
- \*Provisions for up to two Type 3R in-use receptacle.
- \*Order receptacle and bridge separately. See ordering information.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



## **Service Pedestals**

U5706 & U5707 Temp to Final | Ringless/Ring Type

### 200 Amp | 4 Terminal | Meter Main Pedestal | Ringless

| Catalan Number  | Somilar | Samilaa | Comilao | Comilao | D    | Connecto | ors CU/AL | Di   | mensio | ons |         | Knoc | kouts |  |
|-----------------|---------|---------|---------|---------|------|----------|-----------|------|--------|-----|---------|------|-------|--|
| Catalog Number  | Service | Bypass  | Line    | Load    | D"   | W"       | H"        | 1    | 2      | 3   | 4       |      |       |  |
| U5706-O-200S    | UG      | None    | #6-350  | СВ      | 51/2 | 14       | 80        | 21/2 | 2      | 1   | 1/4,1/2 |      |       |  |
| U5706-O-200S-KK | UG      | Horn    | #6-350  | СВ      | 51/2 | 14       | 80        | 21/2 | 2      | 1   | 1/4,1/2 |      |       |  |

### 200 Amp | 4 Terminal | Meter Main Pedestal | Ring Type

| Catalan Number | Service | Comico | Durana | Connecto | ors CU/AL | Di | mensio | ons                      |   | Knoc | kouts   |  |
|----------------|---------|--------|--------|----------|-----------|----|--------|--------------------------|---|------|---------|--|
| Catalog Number |         | Bypass | Line   | Load     | D"        | W" | H"     | 1                        | 2 | 3    | 4       |  |
| U5707-O-200S   | UG      | None   | #6-350 | СВ       | 5½        | 14 | 80     | <b>21</b> / <sub>2</sub> | 2 | 1    | 1/4,1/2 |  |

### Notes

• Fifth Terminal: For field installed fifth terminal, order K5T.

• Receptacles: Maximum of two receptacles can be added. Contact Milbank for details.

- Post Extension Kit: To increase pedestal height, order field-installed post extension kit K5708.
- Series-to-Parallel Field Conversion: For field conversion from series to parallel wired, order kit K5193.
- Branch Circuit Breakers (Four Additional Single Pole Spaces): Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler Hammer). Load center's four left stabs are rated up to 125 amp total.

### Accessories



K5400-BRIDGE-1POS



K5400-BRIDGE-2POS



UQFPH-M-200

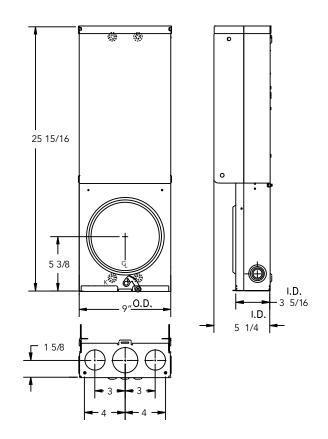


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U4908 & U4909 Underground Service Power Outlet







## **Specifications**

- Available in ringless style (U4908 series) or ring type (U4909 series).
- UL listed 100 amp, 120/240 Volt 1Ø Underground Service Power Outlets.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- ANSI 61 gray polyester powder coat finish.
- Convenient concentric knock-out configurations and mounting embosses.
- Wire terminations accept copper or aluminum conductors. Service – Line & Neutral: (1) #6-2/0 Load Ground: (2) 1/0-#14 & (4) #6-#14 Load Neutral: (2) 1/0-#14 & (4) #6-#14 Service Ground: #2-#8
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Three position **self-grounded** receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Four terminal, ringless meter socket with stainless steel locking hasp. Ring type socket has aluminum **MR-2** snap action sealing ring.
- Lockable hinge cover and deadfront are removable for installation and maintenance. Stay-open hinge cover has safety interlock on deadfront. Deadfront must be removed before hinge cover can be removed.
- Tamper proof fastening available.

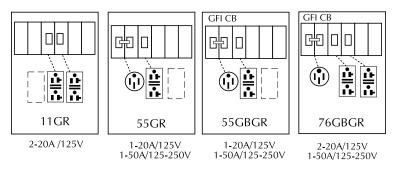
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U4908 & U4909 Underground Service Power Outlet

### U4908 & U4909 Standard Configurations



### **Ordering Information**

| Order base model and up to three factory installed receptacle/breaker  |
|--|
| kit separately from list below. Other kits available. Consult factory.   |
|  |
|  |
| Order base model and up to three factory installed receptacle/breaker kit separately from list below. Other kits available. Consult factory. |
|  |
|  |
|  |

Note: Flat cover may not close completely with twist locking devices in use. Order slope-front 3R cover #1107681 separately to use with twist lock type receptacles.

• Stock item - availability subject to prior sale.

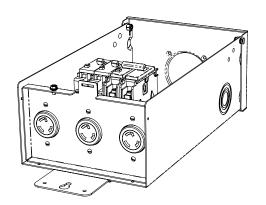
Non-stock items - minimum order quantity required.



Series U5001 Unmetered Service Mount Power Outlet







U5001-RL-01

### **Specifications**

- UL listed 125 amp, 120/240 Volt, 1Ø Power Outlet.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors. Line: 1/0-#4 Ground/Neutral: (4) 1/0-#14 & (11) #14-#6
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and deadfront are removable for installation and maintenance.
- U5001-RL-01 includes:
  - (1) L6-30 (1) 30 Amp, 2P, 240V GFI Breaker
  - (2) L5-20 (2) 20 Amp, IP, 120V GFI Breaker

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Series U5001 Metered Surface Mount Power Outlet



U5865-XL-38GBGRW

### **Specifications**

- UL listed 125 amp, 120/240 Volt, 1Ø Power Outlet.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors. Line & Line Neutral: 250-#6
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and deadfront are removable for installation and maintenance.
- U5865-XL-38GBGRW includes:
- (1) L6-30 (1) 30A, 2P, 240V GFI Breaker
- (2) L5-20 GFI receptacles (2) 20A, IP, 120V Breaker



Series U5001 Unmetered Service Mount Power Outlet

| Catalog Number | Circuit Breaker Description                                |
|----------------|--|
| Q115           | 15 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |
| Q120           | 20 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |
| Q130           | 30 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |
| Q220           | 20 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |
| Q250           | 50 Amp – 2 Pole – 120/240 – Plug-In Circuit Breaker        |
| Q2100          | 100 Amp – 2 Pole – 120/240 – Plug-In Circuit Breaker       |
| 708784-MO      | 20 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |
| 708785-MO      | 30 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |
| 707915-MO      | 50 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |
| 703997-MO      | 50 Amp – Quad – 2 Pole – 120/240 – Circuit Breaker         |

| Catalog Number   | Receptacle Description   |  |  |  |
|--|--|--|--|--|
| 708777-MO  | 20 Amp – 120V – NEMA 5-20R – Duplex Receptacle                 |  |  |  |
| 708080-MO20 Amp – 120V – NEMA 5-20 – GFCI Duplex Receptacle                |  |  |  |  |
| <b>704995-MO</b> 20 Amp – 250V – NEMA 6-20R – Single Receptacle            |  |  |  |  |
| 701776-MO  | 30 Amp – 120V – NEMA TT-30R – Travel Trailer Receptacle        |  |  |  |
| <b>706761-MO</b> 50 Amp – 120V – 3 Pole – 3 Wire – NEMA 10-50R – Receptacl |  |  |  |  |
| Z700911-MO   | 50 Amp – 120/250V – 3 Pole – 4 Wire – NEMA 14-50R – Receptacle |  |  |  |

| Catalog Number   | Lug Landings & Breaker Base Description     |
|------------------|---|
| Z1050596         | MPRV/MPAP – Lug Landing (Twin #6-350 KCMIL) |
| Z020-148-00-00-0 | MPAP – Complete Interior Assembly           |

### Note

 The following brand names may be supplied when replacement circuit breakers are ordered: Cutler-Hammer/ Westinghouse – QP, BQC, BD, BR. Siemens/ITE – Q, QT. General Electric – TQ, THQ, THQL. Challenger – C, Q, QC, QP. Contact sales office for brand specific requirements.

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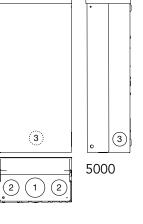




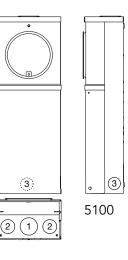
# **Surface Mount Power Outlets**

Millennium Series | 120/240 VAC





U5000-XL-75



U5100-XL-75

### 125 Amp | Surface Mount Power Outlets

| Catalog     | Metered/  | Receptacle    | Circuit Breaker | Loop | Connectors  | Dir  | nensi      | ons | Kn | ocko | uts  |
|-------------|-----------|---------------|-----------------|------|-------------|------|------------|-----|----|------|------|
| Number      | Unmetered | Configuration | Configuration   | Feed | Line        | D"   | W"         | H"  | 1  | 2    | 3    |
| U5000-XL    | Unmetered | —             | —               | Yes  | (2) 1/0-#12 | 51⁄2 | <b>9</b> ½ | 19¼ | 2  | 11/2 | 11⁄4 |
| U5000-XL-41 | Unmetered | A             | Х               | Yes  | (2) 1/0-#12 | 5½   | <b>9</b> ½ | 19¼ | 2  | 1½   | 11⁄4 |
| U5000-XL-55 | Unmetered | В             | Y               | Yes  | (2) 1/0-#12 | 51⁄2 | 91/8       | 19¼ | 2  | 11/2 | 11⁄4 |
| U5000-XL-75 | Unmetered | С             | Z               | Yes  | (2) 1/0-#12 | 5½   | <b>9</b> ½ | 19¼ | 2  | 1½   | 11⁄4 |
| U5100-XL    | Metered   | _             | —               | No   | #6-250      | 51⁄2 | 91/8       | 25  | 2  | 11/2 | 11⁄4 |
| U5100-XL-41 | Metered   | A             | Х               | No   | #6-250      | 5½   | <b>9</b> ½ | 25  | 2  | 1½   | 11⁄4 |
| U5100-XL-55 | Metered   | В             | Y               | No   | #6-250      | 51⁄2 | <b>9</b> ½ | 25  | 2  | 11/2 | 11⁄4 |
| U5100-XL-75 | Metered   | С             | Z               | No   | #6-250      | 5½   | <b>9</b> ½ | 25  | 2  | 1½   | 11⁄4 |

### **Receptacle Configurations**

| А                        | В                         | С                                       |  |  |
|--------------------------|---------------------------|---|--|--|
|                          |                           |   |  |  |
| (1) TT30R, (1) 5-20R GFI | (1) 14-50R, (1) 5-20R GFI | (1) 14-50R, (1) TT30R,<br>(1) 5-20R GFI |  |  |

### **Circuit Breaker Configurations**

| Х                                      | Y  | Z   |
|--|--|---|
|  |  |   |
| (1) 30A, 1P, 120V<br>(1) 20A, 1P, 120V | (1) 50A, 2P, 120/240V<br>(1) 20A, 1P, 120V | (1) 50A, 2P, 120/240V<br>(1) 30A, 1P, 120V<br>(1) 20A, 1P, 120V |

### NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

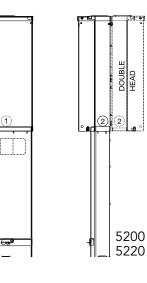


# **Power Outlet Pedestals**

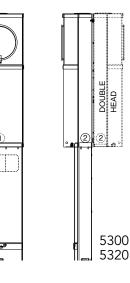
Millennium Series | 120/240 VAC











HEAD

U5200-XL-75

125 Amp | Power Outlet Pedestals

| Catalog     | Catalog Double Head |           | Metered/ Receptacle |               | Dimensions |            |     | Mounting      |
|-------------|---------------------|-----------|---------------------|---------------|------------|------------|-----|---------------|
| Number      | Catalog Number      | Unmetered | Configuration       | Configuration | D"         | W"         | H"  | Туре          |
| U5200-XL    | U5220-XL            | Unmetered | —                   | —             | 5%16       | <b>9</b> ½ | 64½ | Direct Burial |
| U5200-XL-41 | U5220-XL-41         | Unmetered | A                   | Х             | 5%16       | <b>9</b> ½ | 64½ | Direct Burial |
| U5200-XL-55 | U5220-XL-55         | Unmetered | В                   | Y             | 5%16       | 91/8       | 64½ | Direct Burial |
| U5200-XL-75 | U5220-XL-75         | Unmetered | С                   | Z             | 5%16       | <b>9</b> ½ | 64½ | Direct Burial |
| U5300-O     | U5320-O             | Metered   | _                   | —             | 5%16       | 91/8       | 70¼ | Direct Burial |
| U5300-O-41  | U5320-O-41          | Metered   | A                   | Х             | 5%16       | <b>9</b> ½ | 70¼ | Direct Burial |
| U5300-O-55  | U5320-O-55          | Metered   | В                   | Y             | 5%16       | 91/8       | 70¼ | Direct Burial |
| U5300-O-75  | U5320-O-75          | Metered   | С                   | Z             | 5%16       | <b>9</b> ½ | 70¼ | Direct Burial |

### **Notes**

• Receptacle Configurations - Reference chart on page 79.

NOTE

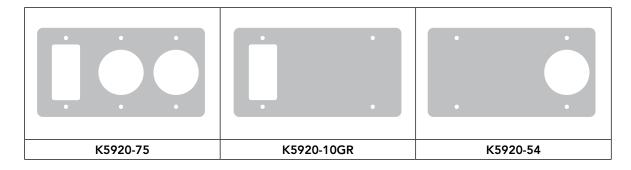
These units are typically used for submetering applications. Contact factory for additional configurations not shown here. Pad mount is available. Contact factory for information.

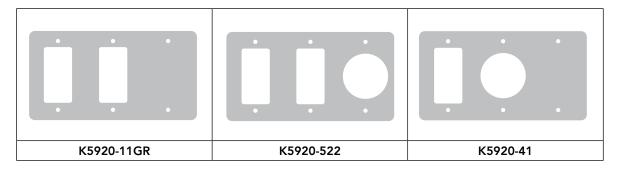


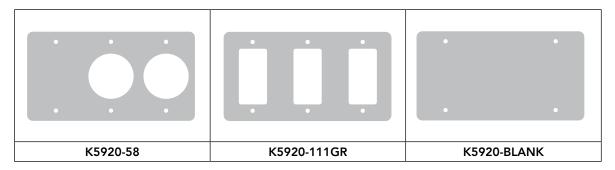


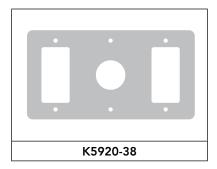
## **Replacement Receptacle Plates**

For Millennium Series Products









### Notes

• For application details, consult factory.



# Lighting Accessories

For Millennium Series Products

### Internal LED Light Kits for Unmetered Power Outlets (U5000 & U5200)

| Application     | Internal light kit for unmetered power outlets  |   |
|-----------------|---|---|
| LED<br>Features | Includes new LED light, lamp shield and opaque hinge cover<br>lens. Factory wired to 20 amp GFI circuit. May be wired to<br>separate 20 amp circuit breaker.<br>Order <b>Q120</b> separately.<br>Cover on unmetered power outlet is 191/8" in height. |   |
| Ordering        | Order with <b>-LD</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K6212</b> for field installed.  | 2 |

### Internal Florescent Light Kits for Unmetered Power Outlets (U5000 & U5200)

| Application             | Internal light kit for unmetered power outlets  |  |
|-------------------------|---|--|
| Fluorescent<br>Features | Includes 5-watt fluorescent lamp socket, ballast, lamp shield<br>and opaque hinge cover lens. Factory wired to 20 amp GFI<br>circuit. May be wired to separate 20 amp circuit breaker.<br>Order <b>Q120</b> separately.<br>Cover on unmetered power outlet is 19 <sup>1</sup> / <sub>8</sub> " in height. |  |
| Ordering                | Order with <b>-L</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K5411</b> for field installed.   |  |

### Photoelectric Light Control Kit

| Application | Photoelectric light control kit for <b>K5411</b> light kits.  |  |
|-------------|---|--|
| Features    | 2.5 amp, 120 volt photo electrical control wired in series with <b>K5411</b> light kits.  |  |
| Ordering    | Order with <b>-LPC</b> suffix for factory installed light and PE control.<br>Order catalog number <b>K5413</b> for field installed. |  |

### WARNING!

Always disconnect power prior to installing these devices.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.





# **Lighting Accessories**

For Millennium Series Products

### Internal Light Kits for Metered Power Outlets (U5100 & U5300)

| Application             | Internal light kit for metered power outlets  |   |  |  |
|-------------------------|---|---|--|--|
| LED Features            | <b>Includes new LED light</b> , lamp shield and opaque hinge cover<br>lens. Factory wired to 20 amp GFI circuit. May be wired to<br>separate 20 amp circuit breaker. Order <b>Q120</b> separately.<br>Cover on metered power outlet is 15 <sup>1</sup> / <sub>4</sub> " in height.                      |   |  |  |
| Ordering                | Order with <b>-LD</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K6213</b> for field installed.  |   |  |  |
| Application             | Internal light kit for metered power outlets  |   |  |  |
| Fluorescent<br>Features | Includes 5-watt fluorescent lamp socket, ballast, lamp shield<br>and opaque hinge cover lens. Factory wired to 20 amp GFI<br>circuit. May be wired to separate 20 amp circuit breaker. Order<br><b>Q120</b> separately.<br>Cover on metered power outlet is 15 <sup>1</sup> / <sub>4</sub> " in height. |   |  |  |
| Ordering                | Order with <b>-L</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K5412</b> for field installed.   | And a |  |  |

### Photoelectric Light Control Kit

| Application | Photoelectric light control kit for <b>K5412</b> light kits.  |          |
|-------------|---|----------|
| Features    | 2.5 amp, 120 volt photo electrical control wired in series with <b>K5412</b> light kits.  | <b>9</b> |
| Ordering    | Order with <b>-LPC</b> suffix for factory installed light and PE control.<br>Order catalog number <b>K5413</b> for field installed. |          |

### WARNING!

Always disconnect power prior to installing these devices.



# **Telecom and Pedestal Accessories**

For Millennium Series Products

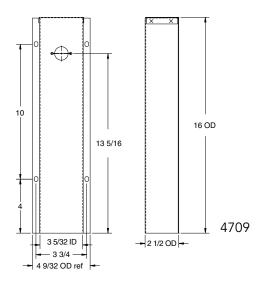


### Telephone and Cable TV Kit

| Application | Mounts to rear of pedestal series <b>U5200</b> and <b>U5300</b> . May also be adaptable to a wooden or similar structure.                              |             |          |
|-------------|--|-------------|----------|
| Features    | Single: 16" galvenized raceway, (1) RJ11 telephone jack<br>and (1) Type F coaxial CATV jack.<br>Dual: 16" galvenized raceway, (2) RJ11 telephone jacks |             |          |
|             | and (1) Type F coaxial CATV jack.<br>Includes mounting hardware and instructions.  |             |          |
| Ordering    | Single line telephone and cable TV kit order <b>K4709-02</b> .   |             |          |
| Note        | Confirm acceptability with Cable TV and Telephone provider before ordering or installing these devices.  | K4709-02-3R | K4709-02 |

### Water Shroud with Hardware

| Application | Used to cover water pipe and provide means to mount hose bib to rear of pedestal.                    |  |
|-------------|--|--|
| Features    | Includes mounting hardware and instructions.<br>Matches <b>K4709</b> kits when mounted side-by-side. |  |
| Ordering    | Order catalog number <b>K4709-WS</b> .   |  |



Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.





# **Pedestal Mounting Accessories**

For Millennium Series Products

### Field-Installed Pad Mount Kit

| Application | Field installed pad mount kit with (6) ¾" mounting holes.   |  |
|-------------|---|--|
| Features    | Includes ¼-20 stainless steel hardware to attach pad<br>mount base to post.<br>Anchor bolt kit sold separately (order catalog number<br><b>K5421</b> ). |  |
| Ordering    | Order catalog number <b>K5410</b> .   |  |

### Stabilizer Foot with Hardware

| Application | Stabilizes direct burial type posts in unstable soil conditions.             | • |
|-------------|--|---|
| Features    | Includes ¼-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals. |   |
| Ordering    | Order catalog number <b>K5415</b> .  |   |

### Anchor Bolt Kit

| Application | Concrete anchor bolt kit designed to attach pad mount base to concrete.               |  |
|-------------|---|--|
| Features    | (4) sets of zinc-plated ½-11 x 10" bolt with 2" toe.<br>Includes nut and flat washer. |  |
| Ordering    | Order catalog number <b>K5421</b> .   |  |



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# Metering & Receptacle Accessories

For Millennium Series Products



### Field-Installed Meter Kits

| Application | Field installed meter kit for <b>U5000</b> and <b>U5200</b> power outlets.  |                 |
|-------------|---|-----------------|
| Features    | 100 amp cast meter socket, CL200 E-Z Read Meter,<br>sealing ring, security seal, 1" Milbank hub, nipple<br>and mounting screws.<br>See CL200 for Watt-hour meter specification. | ERENE DE LECENT |
| Ordering    | Order catalog number <b>K4800-01 mechanical meter</b><br>kit, or K4800-D digital meter kit.   |                 |
| -Z Read Wat | tt-Hour Meter   |                 |
|             | 200 amp E-Z read watt-hour meter designed to be   |                 |

| Application | 200 amp E-Z read watt-hour meter designed to be field installed on the U5100 and U5300 metered power outlets.  |                           |
|-------------|--|---------------------------|
| Features    | 200 amp form 2S 120/240 volt.<br>Numeric readout in full kilowatt increments. No<br>"tenths" dial; digital readout option available.<br>Remanufactured within 1% accuracy. |                           |
| Ordering    | Order catalog number <b>CL200-D</b> .  | <b>CL200-D</b><br>Digital |

### Single Receptacle Only Power Outlet

| Application           | Overhead/underground power outlet receptacle,<br>suitable for RV, temporary service, campground,<br>marina and boatyard equipment. |   |                                       |   |
|-----------------------|--|---|---------------------------------------|---|
| Features              | Lockable cover.  | ) volt single phase<br>ded (in receptacle |                                       |   |
| Ordering              | Order catalog number from chart below.   |   |                                       | Ţ   |
| Receptacle<br>Options | <b>P-10GWR</b><br>20A 5-20GR<br>120V GFI   | <b>P-13</b><br>30A TT-30R<br>120V         | <b>P-54</b><br>50A 14-50R<br>120/240V | ANGER / ÉÉLIGRO<br>Do Lesting, automotion and<br>Bornes and |

### WARNING!

Always disconnect power prior to installing these devices.

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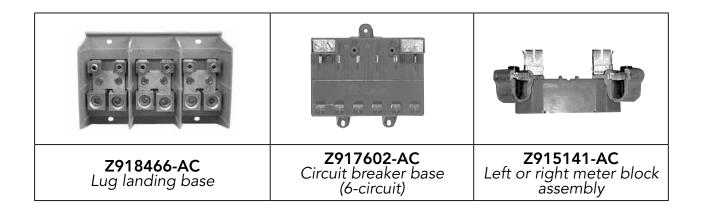


# **Replacement Parts & Accessories**

For Millennium Series Products

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|-----------------|---------------------|--|---|
| <b>Q120</b>     | <b>708784-MO</b>    | <b>Q130</b>  | <b>Q250</b>   |
| 20 Amp, 1 pole  | 20 Amp, 1 pole      | 30 Amp, 1 pole   | 50 Amp, 2 pole  |
| circuit breaker | GFI circuit breaker | circuit breaker  | circuit breaker   |

| Main Breaker Kit<br>Part number | Metered/Unmetered<br>Surface Mount/ Pedestal | Amp |
|---------------------------------|--|-----|
| K5400-100MBM                    | Metered                                      | 100 |
| K5400-100MBU                    | Unmetered                                    | 100 |



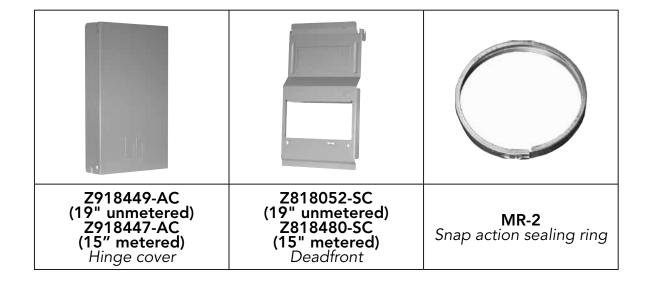


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# **Replacement Parts & Accessories**

For Millennium Series Products





| <b>Z708080-MO</b>     | <b>Z701776-MO</b> | <b>Z708767-MO</b> |
|-----------------------|-------------------|-------------------|
| 20 Amp GFI receptacle | 30 Amp receptacle | 50 Amp receptacle |
| NEMA 5-20GR           | NEMA TT-30        | NEMA 14-50R       |

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# **Recreational Vehicle**

600-1200 Amp | Pad Mounted Panel Board



### **Specifications**

- 600 to 1200 amp, 120/240 Volt, 1Ø distribution bus accepts up to (6) 2 pole, 200 amp circuit breakers. Order from chart below.
- Costly main breaker not required per NEC 230-71.
- Economical alternative to costly wall hung or strut-mounted panel boards and load centers.
- Low profile, aesthetic design can be located near utility transformers or fed from a main service to a convenient location.
- Pad mounted Type 3R powder coated aluminum enclosure standard color is gray.
- Hinge door and lift off rear service door are lockable and sealable for security.

NOTE: Consult local code enforcement for pad size requirements. Order catalog number CP-24-PDMNT-CALT pad mount base or catalog number CP-ABK5/8 anchor bolt kit separately.

#### **Circuit Breakers**

| Catalog       | Catalog Ama BU |       | Phase Volts | Connectors CU/AL                          |                     |    | Dimensions |    |  |
|---------------|----------------|-------|-------------|---|---------------------|----|------------|----|--|
| Number        | Amp            | Phase | VOITS       | Line                                      | Load                | D" | W"         | H" |  |
| CP3B-AUX-1200 | 1200           | 1Ø    | 120/240     | (3) 1-600 kcmil/Ø or<br>(3) 2-250 kcmil/Ø | See Circuit Breaker | 17 | 24         | 41 |  |



### **Circuit Breakers**

#### 200 Amp Frame | Plug-In | 10K AIC | Two-Pole | Common Trip

| 2-Pole | 10K AIC  | Package  | Connecto          | ors CU/AL |  |
|--------|----------|----------|-------------------|-----------|--|
| Rating | Plug-In  | Quantity | Line              | Load      |  |
| 100    | UQFP-100 | 1        | #3-#1 – #1-1/0    |           |  |
| 125    | UQFP-125 | 1        | #3-#1 – #1-1/0    |           |  |
| 150    | UQFP-150 | 1        | 1/0-300 – 2/0-300 |           |  |
| 175    | UQFP-175 | 1        | 1/0-300 – 2/0-300 |           |  |
| 200    | UQFP-200 | 1        | 1/0-300 – 2/0-300 |           |  |
| 225    | UQFP-225 | 1        | 1/0-300 – 2/0-300 |           |  |

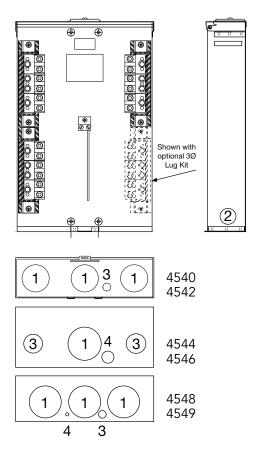


## **Recreational Vehicle**

600-1200 Amp | Pad mounted Panel Board



U4540-XL



### Terminal Boxes | 1Ø & 3Ø | 120/240 Volt

| Catalog   | A   | Dhase | Valta   | LL.Ja | 1Ø to  | Connectors                  | Di   | nensio                                 | ons |   | Kn | ocko | uts      |          |
|-----------|-----|-------|---------|-------|--------|-----------------------------|------|--|-----|---|----|------|----------|----------|
| Number    | Amp | Phase | Volts   | Hub   | 3Ø Kit | CU7AL                       | D"   | W"                                     | H"  | 1 | 2  | 3    | 4        | 5        |
| U4544-XL  | 100 | 1     | 120/240 | C.P.  | K4543  | (6) #12-1/0                 | 41/8 | <b>9</b> <sup>13</sup> / <sub>16</sub> | 18  | _ | 2  | 2    | 1        | 1/4, 1/2 |
| U4546-XL  | 100 | 3     | 600     | C.P.  | N/A    | (6) #12-1/0                 | 41/8 | <b>9</b> <sup>13</sup> /16             | 18  | _ | 2  | 2    | 1        | 1/4, 1/2 |
| U4540-XL  | 200 | 1     | 120/240 | C.P.  | K4539  | (6) #6-350                  | 41/8 | <b>14</b> <sup>13</sup> ⁄16            | 23  | — | 1¼ | 21/2 | 21⁄2     | 1/4, 1/2 |
| U4542-XL  | 200 | 3     | 600     | C.P.  | N/A    | (6) #6-350                  | 41/8 | <b>14</b> <sup>13</sup> ⁄16            | 23  |   | 1¼ | 21/2 | 21/2     | 1/4, 1/2 |
| U4548-RXL | 400 | 1     | 120/240 | C.P.  | K4547  | (3) #6-350 or<br>(2) #4-600 | 5    | 15½                                    | 27  | 3 | 3  | 3    | 1/4, 1/2 | 1⁄4      |
| U4549-RXL | 400 | 3     | 600     | C.P.  | N/A    | (3) #6-350 or<br>(2) #4-600 | 5    | 15½                                    | 27  | 3 | 3  | 3    | 1/4, 1/2 | 1⁄4      |

### **Notes**

- Hub: Standard hub opening on top with closing plate attached.
- Features: UL listed pad lockable Type 3R enclosure.
- 3Ø 120/240V application: Field-installable 3Ø lug kit converts 1Ø unit to 3Ø unit.



## 92 DRY TYPE

# **Dry Type Transformers**

TRANSFORMERS With Distribution for RV & Mobile Home Park Applications

480V, A

2400V, A



| 480 Volts to 120/240 Single Phase |      |           |  |  |  |  |  |  |
|-----------------------------------|------|-----------|--|--|--|--|--|--|
| Catalog Number                    | KVA  | Weight    |  |  |  |  |  |  |
| 10URMD*                           | 100  | 1050 lbs. |  |  |  |  |  |  |
| 16URMD*                           | 167½ | 1400 lbs. |  |  |  |  |  |  |
| 20URMD*                           | 200  | 1650 lbs. |  |  |  |  |  |  |
| 25URMD                            | 250  | 1950 lbs. |  |  |  |  |  |  |
| * III lists d                     | ·    |           |  |  |  |  |  |  |

\* UL listed

| 2400 Volts to 120/240 Single Phase |      |           |  |  |  |  |  |  |
|------------------------------------|------|-----------|--|--|--|--|--|--|
| Catalog Number                     | KVA  | Weight    |  |  |  |  |  |  |
| 10URMD24                           | 100  | 1050 lbs. |  |  |  |  |  |  |
| 16URMD24                           | 167½ | 1400 lbs. |  |  |  |  |  |  |
| 20URMD24                           | 200  | 1650 lbs. |  |  |  |  |  |  |
| 25URMD24                           | 250  | 1950 lbs. |  |  |  |  |  |  |

| Voltage | D | imensio | ns |
|---------|---|---------|----|
|         |   |         |    |

48

48"

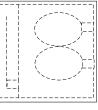
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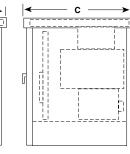
40"

53"

38'

41"





## **Specifications**

- Built in accordance with NEMA, ASA and AIEEE standards. Designed and tested to withstand 150% of rated load for two continuous hours. Consult local utility for acceptance of this product.
- Integrated design of the enclosure, core and coil, and secondary distribution panel permits convenient vertical line and load terminations.
- Primary and/or secondary main circuit breaker protection available. Consult local utility for 480 volt overcurrent protection requirements. Single fuse primary overcurrent protection provided on 2400 volt and above units.
- Other primary voltages available: 4160, 4800, 7200, 7960, & 12,470. Consult factory. Not UL listed.

## **Core and Coil**

- Aluminum wound (Copper available)
- Standard voltage taps @ 2FCAN and 4FCBN
- Rated at 150° C temperature rise

### **Distribution Bus**

- 1600 amp tin plated aluminum
- Space available for up to (12) circuit breakers 1600 amp maximum
- Uses Milbank type UQFP-100 through 200 amp circuit breakers (See page 117-118)



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#### Milhank Manufacturing | 4801 Deramus Ave. Kansas City MO 64120 | 877 483 5314 | milhankworks co

### Enclosure

- Type 3R enclosure
- Powder coated galvanized steel (aluminum available)
- Lockable primary and secondary doors
- Lifting hooks and fork lift slots provided

Attractive | Easy to Install | Secure | Cost-Effective

## **93** pedestals

### Milbank Commercial Pedestals are

pad-mounted, weatherproof electrical enclosures consisting of a utility pull section with optional meter socket, and a customer section containing distribution and control equipment. Milbank Commercial Pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures.



Strut and backboard



**Commercial pedestal** 

## UL Listed as Industrial Control Equipment (File E113855)

### **Standard Features**

- Type 3R rain resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available)
- UL listed as enclosed industrial control equipment (UL508)
- Isolated lockable & sealable utility metering and lug landing sections
- Lockable customer section for distribution and control equipment with internal deadfront
- Print pocket inside customer section door contains wiring schematics and installation instructions
- Most load centers are UL listed for use with various manufacturers' circuit breakers
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws)















Attractive | Easy to Install | Secure | Cost-Effective







## **Applications**

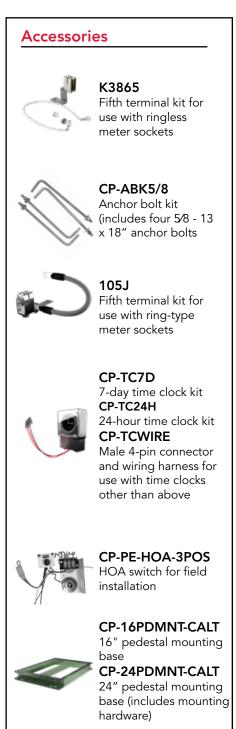
These units are ideal for controlling and metering:

- Traffic signals
- Street lighting
- Power distribution for EV charging stations
- Irrigation and sprinkler systems
- Cell towers and telephone vaults
- Pump stations
- Temporary power for fairgrounds, swap meets, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances, etc.

### **Available Factory-Installed Options**

- Meter sockets: ring type or ringless, up to 400 amp
- Main and branch breakers or T fuses
- Distribution: copper load centers and panel boards
- Clocks, timers and relays
- Photoelectric cells and controls
- Power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: definite purpose, electrical or mechanically held, IEC and mercury types
- Surge protection and lightning arrestors
- Reserve inlet generator receptacle with interlocked circuit breakers
- Motor starters and relays
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and terminal blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers
- Available in steel, aluminum (raw painted or anodized) or stainless steel construction with powder coated finish available in eight standard colors or special-ordered RAL colors
- Available for applications up to 400 amp, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø





## **Commercial Pedestals** Main Load Center Series | Custom Designs Available

## CP3B "ML" Series

Main Load Center Series 1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads

**Milbank Main Load Center Commercial Pedestals** are designed to handle the vast majority of all requirements in a standard, stocked configuration.

- All units feature a load center with a plug-on, back-fed main breaker.
- Load center has 16 positions for the 100 amp pedestals and 24 circuits for the 200 amp pedestals.
- Both sizes include sub-feed lugs to allow feeding an external panel.

If your application requires turning loads on based on "dusk-to-dawn" requirements, be sure to see the Milbank Switched Load Center Commercial Pedestal products on the following page.

### **Features**

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K amp interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 amp model) or 14 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



### **Typical Applications**

Remote site service for multiple loads.

| Standard Pedestals | Optional Fifth | Main CB |         | Load Center | Maton Cooket Turo                 |
|--------------------|----------------|---------|---------|-------------|-----------------------------------|
| Standard Pedestals | Terminal Kit   | Amp     | Spaces  | Circuits    | Meter Socket Type                 |
| CP3B11115A22       | 105J           | 100     | 1,2     | 16          | Ring type with test/bypass blocks |
| CP3B12119A22       | 105J           | 200     | 1,2,3 4 | 24          | Ring type with test/bypass blocks |
| CP3B51115A22       | K3865          | 100     | 1,2     | 16          | Ringless socket with lever bypass |
| CP3B52119A22       | K3865          | 200     | 1,2,3,4 | 24          | Ringless socket with lever bypass |

### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.

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## 96 Commercial Pedestals Switched Load Center Series | Custom Designs Available

## CP3B "SL" Series

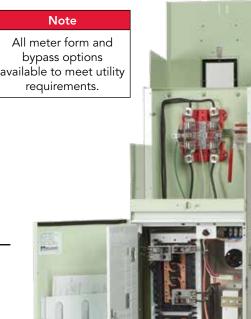
Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V

**Milbank Switched Load Center Commercial Pedestals** are designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

## Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K amp interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 amp model) or 11 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



### **Typical Applications**

Traffic signals, parking lots, highways & athletic field lighting

| Chandend Dedestals | <b>Optional Fifth</b> | Main CB |         | Contactor | Mater Carlet Tura                 |
|--------------------|-----------------------|---------|---------|-----------|-----------------------------------|
| Standard Pedestals | Terminal Kit          | Amp     | Spaces  | amperage  | Meter Socket Type                 |
| CP3B11110A22SL1    | 105J                  | 100     | 1,3     | 60        | Ring type with test/bypass blocks |
| CP3B12110A22SL1    | 150J                  | 200     | 1,2,3,4 | 100       | Ring type with test/bypass blocks |
| CP3B51110A22SL1    | K3865                 | 100     | 1,3     | 60        | Ringless socket with lever bypass |
| CP3B52110A22SL1    | K3865                 | 200     | 1,2,3,4 | 100       | Ringless socket with lever bypass |

### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.



## 400 Amp Series



**Typical Applications** 

Remote site service for residential and commercial job sites.

**Milbank 400 Amp Commercial Pedestals** are designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

- Choice of a single main breaker or twin service disconnect breakers gives flexibility to the pedestal design.
- Optional distribution with feed-through lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Available in custom colors to match home or landscaping.

### Features

These units include everything required for remote service:

- Type 3R construction
- Main circuit breaker or dual service disconnects
- Expandable: load center units allow for future expansion without costly modifications
- Optional mounting base can be embedded in concrete for fast, easy installation
- Separate sealable and lockable utility termination section with lug termination
- Separate sealable and lockable metering section
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation
- Meter socket options include ring type with bypass studs, ringless with heavy duty lever bypass, or K-Type bolt-on

| Standard Pedestals | Optional fifth<br>Terminal Kit | Main CB           | Load Center Circuits        | Meter Socket Type                |  |
|--------------------|--------------------------------|-------------------|-----------------------------|----------------------------------|--|
| CP3B1411JB         | N/A                            | 320 Amp (400 max) | 0                           | Ring-type with test/bypass studs |  |
| CP3B14120B         | N/A                            | 2-200 Amp         | (2) 12 circuit <sup>1</sup> | Ring-type with test/bypass studs |  |
| CP3B54120B22       | K3865                          | 2-200 Amp         | (2) 12 circuit <sup>1</sup> | Ringless with lever bypass       |  |
| CP3B5411JB22       | K3865                          | 320 Amp (400 max) | 0                           | Ringless with lever bypass       |  |

### Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.
- Stud utility landing is standard. Lug kits are available from factory.
- Units with load centers have (2) #6-250 sub-feed lugs on each load center. (Each load center is 200 amp rated and UL listed with: Siemens, General Electric and Cutler-Hammer plug-in style circuit breakers.)

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CP3B "IR" Irrigation Control Series

**Milbank "IR" Series Irrigation Pedestals** install quickly and simply—often in less than an hour with



a single technician—a fraction of the time typically needed for strut farm and other installation set ups. Additionally, the pedestal comes pre-wired, so the technician simply drops in the pre-drilled concrete box pad, fastens the pedestal and runs the wires. Prewired landing lugs are provided in a separate utility side so that there is no more need to wrestle with hard-to-bend wires. Simply run the utility wire up and land on the lugs. With both the motor starter and disconnect in the same enclosure, all the controls are housed in a safe, lockable pedestal that protects against vandalism and energy theft.

### **Features**

- 3Ø4W, 480Y/277 volt
- One technician can install in under an hour with use of Milbank's pre-drilled box pad
- All units are UL listed and service entrance rated
- Fused disconnect with accessible handle through the deadfront
- HOA and push button start
- Separate accessible utility side with pre-wired landing lugs
- NEMA rated starters (sizes 1-5)
- Soft start units sizes 30HP-150HP
- 30 amp fuse block for pivot pre-wired in the unit
- White powder coated paint finish helps keep components cooler
  - Options include:
    - Hour meter
    - Chemical injection receptacle
    - Multiple injection receptacle
    - Multiple 30 amp fuse blocks possible

| Standard Pedestals | Exterior Cabinet | NEMA Rating |
|--------------------|------------------|-------------|
| CP3B0281UMWIR04    | White            | 4           |
| CP3B0281UMWIR03    | White            | 3           |
| CP3B0181UMWIR02    | White 2          |             |
|                    |                  |             |

### **Typical Applications**

Power pedestal for irrigation systems or other pump control applications.

### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.



CP3B "BBS" Battery Backup Series



### **Typical Applications**

Metered emergency uninterrupted power for traffic intersections, wireless, phone and communications equipment, parking lots, camera and security locations

### Milbank BBS Series Commercial Pedestals are designed to provide battery backup power for various loads, and to switch specific loads on and off under certain conditions; a photoelectric cell or time clock to control lighting circuits, as an example. Metered and unmetered power distribution options are available. The back-up power pedestal is designed to handle the vast majority of todays back-up power requirements. By using 19" rack design, shelves can be adjusted to accommodate the required batteries and manufactures DC to AC inverters, transfer switches and other related equipment. This design gives the user a wide range of design and configuration options. Complete turnkey, ready to power-up pedestals are offered along with basic units ready to accept batteries and inverters supplied by others.

### Features

- Type 3R construction
- 100 through 320 amp meter socket with the option of either a ring type socket (conforms to EUSERC 308) with or without test/bypass blocks or a heavy duty ringless socket with lever bypass
- Separate sealable utility termination compartment
- An isolated separate customer section with service disconnects, power distribution options and power control
- 19" wide rack in customer compartment for easy layout of equipment
- Battery trays
- Thermostat with cooling fan
- Filtered louvers for heat rise flow through ventilation
- Three point door latch (key or pad lockable)

### Options

- Manual bypass switch
- Transfer switch for generator power back-up
- Generator inlet receptacles 30 through 200 amp
- Pad lockable provision for receptacles
- Police access door

- Metered load center distribution
- Unmetered load center
   distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches
- Contactors

- GFI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arrestors and lighting arrestors

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CP3B "Power Transfer" Series

Milbank Power Transfer Series Pedestals provide unmetered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle all in a neat, compact pedestal.

### Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 amp through 400 amp ratings
- UL listed Type 3R rated
- Pad lockable, isolated utility compartments
- 20 amp GFI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available



### **Typical Applications**

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power

#### **Typical Applications**

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power



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CP3BB "CT Metered" Series



Milbank CT Metered Series Commercial Pedestals are designed to be used where a smaller service package would be a better choice over large 3R rated combination switchboards. These pedestals have amperage ratings of 400 to 800 amp at voltages up through 480 volt three phase.

### **Features**

- UL listed, freestanding Type 3R service
- A low profile CT pedestal
- All utility equipment is isolated in separated pad lockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Dead front customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel.
- Wide choice of powder paint colors

### Typical Applications

Large homes, pumping & lift stations, motor control, water treatment plants, EV charging stations, commercial buildings, large remote service requirements, commercial and industrial control systems

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#### **Typical Applications**

Roadway lighting and signage, wastewater treatment facilities, parks and landscaping, and any application where physical space is at a premium

# **Commercial Pedestals**

CP3A "Slimline" Series

**Milbank Slimline Series Commercial Pedestals** provide a sleeker, smaller footprint, with wireway access on the side of the unit rather than the back, allowing maximum flexibility to place the pedestal in tighter spaces.

### Features

- UL listed as service equipment
- 100 or 200 amp
- Vandal-resistant, secure and attractive design
- Customer compartment with distribution and control equipment with swing dead front door, secured with both a hasp/latch and draw latch outer door
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism
- Small footprint
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back very close to a wall (14")
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (unmetered) heights
- Includes a print pocket for plans and drawings
- 200 amp main available
- Voltage range: 120V–480V
- Compatible with both ringless and ring type meter sockets, 4–7 terminals
- Available in a wide array of colors, including but not limited too all ANSI powder coated paint colors upon request
- Pedestal mounting base option saves time and labor to install on a cement pad—no anchor bolts required
- Powder coated G90 galvanized steel, raw, anodized or powder coated aluminum and stainless steel exterior options

### "Slimline" Series Direct Bury Extension

- No need for concrete
- Bolts directly to unit
- Easy, modular design
- Ships in a smaller package
- Increases project flexibility
- Easier to handle and install
- Utilizes stabilizer feet to prevent leaning over time
- Pedestal and extension can be installed within 45 minutes

### Notes

- 14 guage steel
- Only available for 12" pedestals



Accessories

103 COMMERCIAL PEDESTAL ACCESSORIES

| <b>CP-ABK5/8</b><br>Anchor bolt kit (includes four<br>5/8-13" x 18" anchor bolts)   | <b>K3865</b><br>Fifth terminal kit for use with<br>ringless lever bypass meter<br>sockets | <b>CP-TC7D</b><br>7-day time clock kit<br><b>CP-TC24H</b><br>24-hour time clock kit<br><b>CP-TCWIRE</b><br>Male 4-pin connector and<br>wiring harness for use with<br>time clocks other than shown | <b>105J</b><br>Fifth terminal kit for use with<br>ring type meter sockets |
|---|---|--|---|
|   |   |  |   |
| CP-16PDMNT-CALT<br>Pedestal mounting base for<br>16" pedestal<br>CP-24PDMNT-CALT<br>Pedestal mounting base<br>for 24" pedestal (includes<br>mounting hardware)<br>CP-32PDMNT<br>Pedestal mounting base<br>for 32" pedestal (includes<br>mounting hardware | <b>CP-PE-HOA-3POS</b><br>HOA (Hand-Off-Auto) switch<br>for field installation             | <b>CP-PE-TYP5-2POS</b><br>Two position PE control kit  |   |

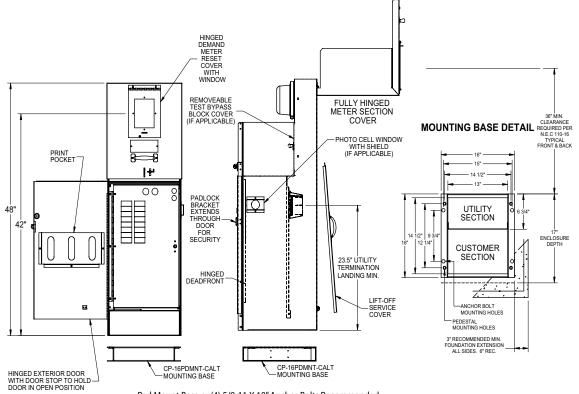
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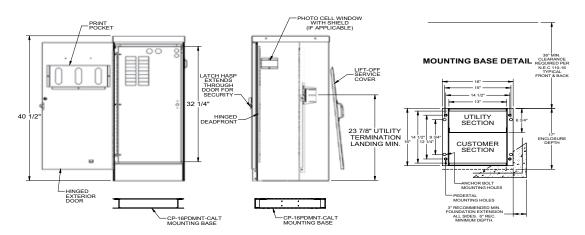
16" Metered & Unmetered Drawings

## "A" Style 16" Metered Commercial Pedestal





## "E" Style 16" Unmetered Commercial Pedestal | Low Profile



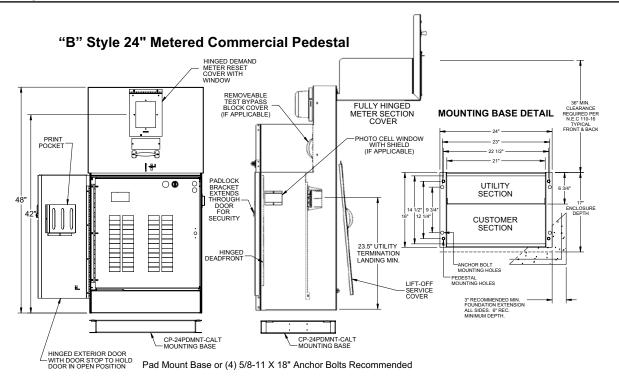
Pad Mount Base or (4) 5/8-11 X 18" Anchor Bolts Recommended



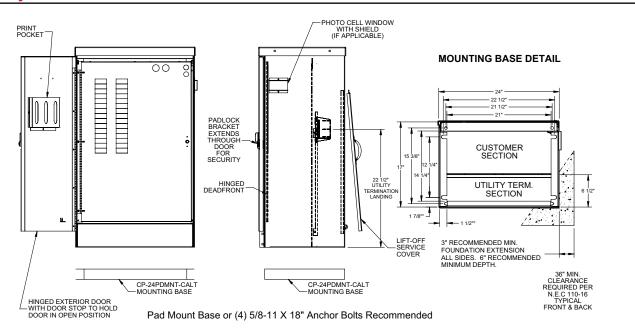
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## **Commercial Pedestals** 24" Metered & Unmetered Drawings

## "B" Style 24" Metered Commercial Pedestal (with one or two meters)



### "M" Style 24" Unmetered Commercial Pedestal

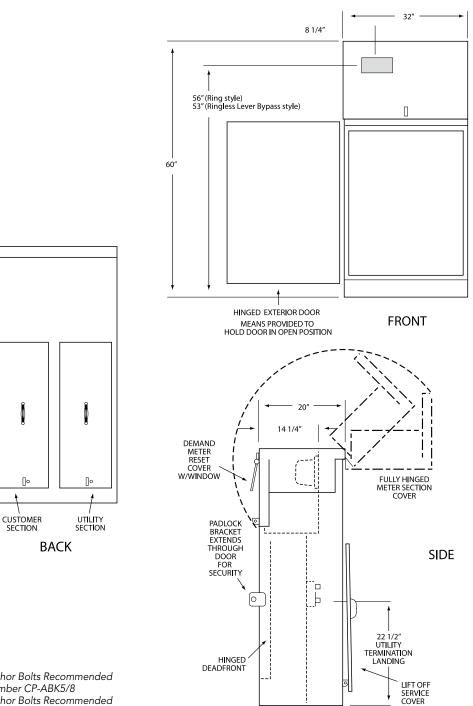






32" Metered Drawings

### "K" Style 32" Metered Commercial Pedestal (with one or two meters)



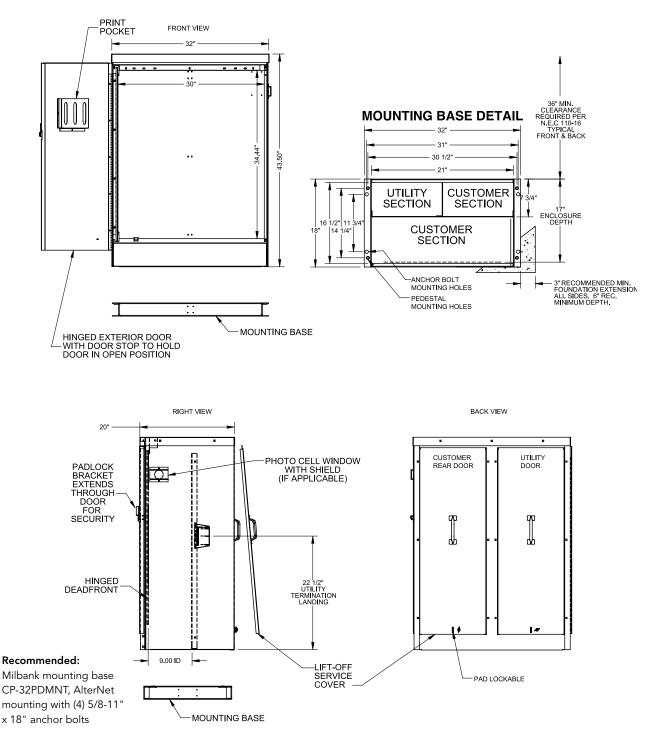
 (4) 5/8-11 X 18" Anchor Bolts Recommended Catalog Number CP-ABK5/8
 (4) 5/8-11 X 18" Anchor Bolts Recommended

U



32" Unmetered Drawings

## "Q" Style 32" Unmetered Commercial Pedestal



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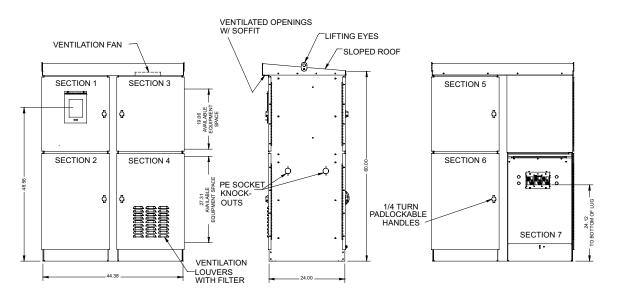


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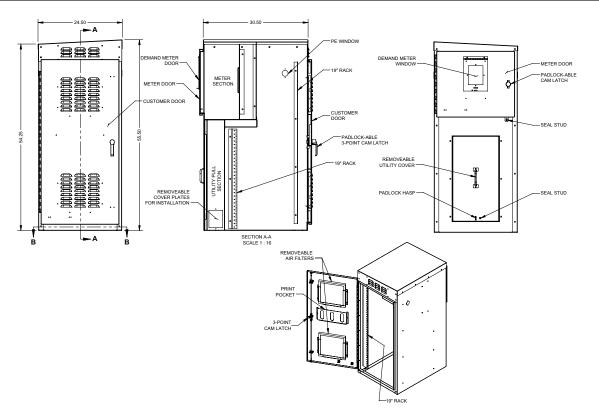


"D" and "C" Style Drawings

## "D" Style Metered Commercial Pedestal



## "C" Style 54" Metered Commercial Pedestal

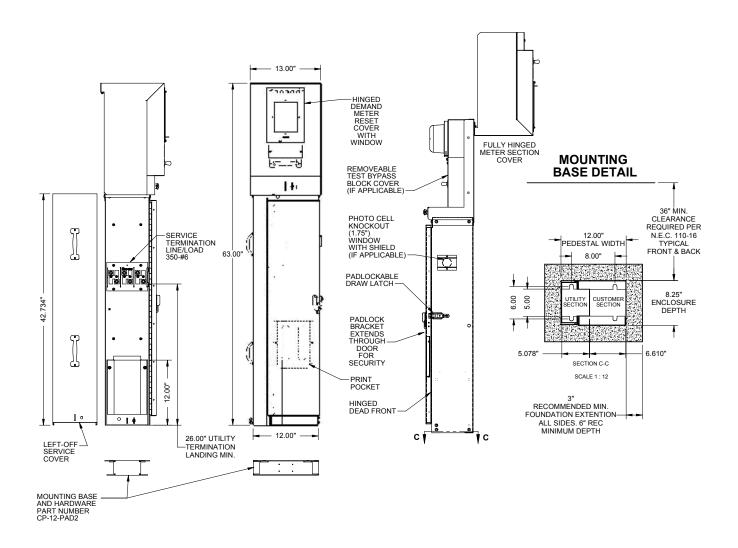




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Slimline "A" Style Drawing

### "A" Style Slimline Metered Commercial Pedestal



Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

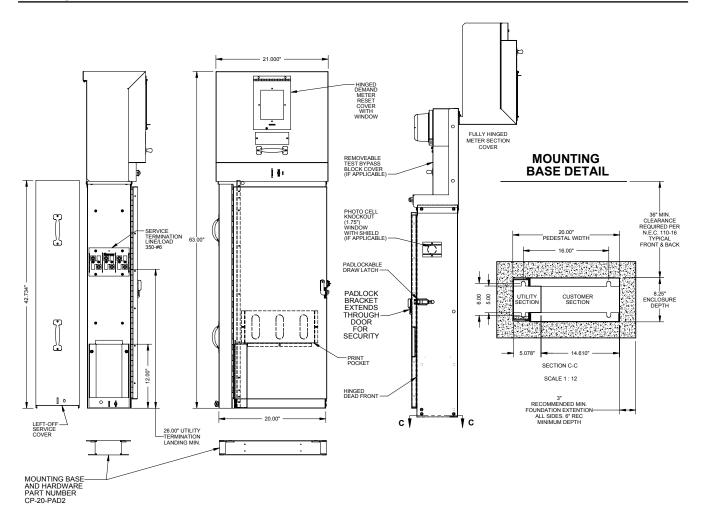


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Slimline "B" Style Drawing

### "B" Style Slimline Metered Commercial Pedestal



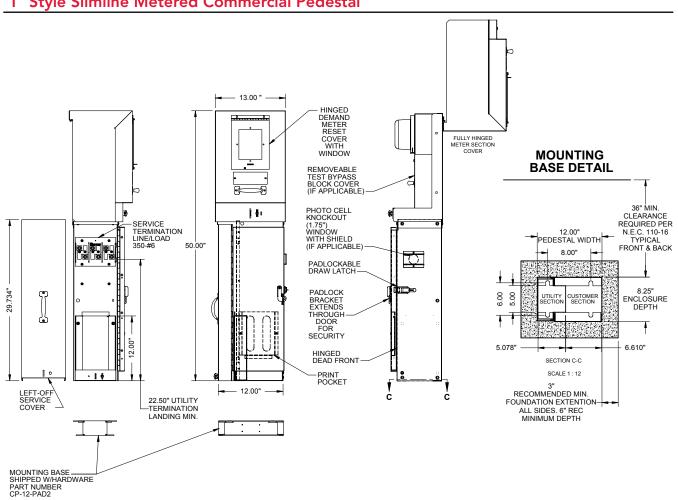
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Slimline "I" Style Drawing

### "I" Style Slimline Metered Commercial Pedestal



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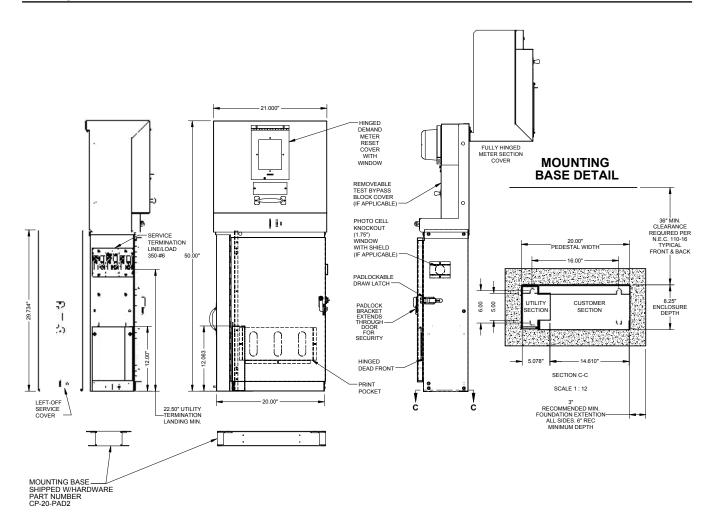


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Slimline "J" Style Drawing

### "J" Style Slimline Metered Commercial Pedestal





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Product Worksheet

Please answer all of the questions listed below. Any additional information regarding application and/or future requirements will enable Milbank to configure the best product for your project.

| Distributor:   | P                      | hone:                  |                                   | Fax:                      |                       |              |
|--|------------------------|------------------------|-----------------------------------|---------------------------|-----------------------|--------------|
| Contact Name:  |                        | Applic                 | ation:                            |                           |                       |              |
| Milbank Representative:                                |                        |                        | Salesmen:                         |                           |                       |              |
| Project Name & Location:                               |                        |                        |                                   |                           |                       |              |
| Agency Specifications: (DOT                            | -City-Other)           |                        |                                   |                           |                       |              |
| Unit amperage:   | Volta                  | age:                   | Phase:                            | W                         | 'ire:                 |              |
| Meter socket (200 Amp)                                 | RING-TYPE              | RINGLESS               | Fifth Terminal?                   | NO                        | YES (at               | o'clock)     |
| Meter socket (200 Amp)                                 | RING-TYPE              | RINGLESS               | Fifth Terminal?                   | NO                        | YES (at               | o'clock)     |
| Main breaker requirements:                             | Amp:                   | Pc                     | les:                              | _ KAIC:                   |                       |              |
| Main breaker requirements:                             | Amp:                   | Pc                     | les:                              | _ KAIC:                   |                       |              |
| Interior #1 0-42 circuits                              | Load ce                | nter                   | Panel board                       | Metered?                  | YES                   | NO           |
| Interior #2 0-42 circuits                              | Load ce                | nter                   | Panel board                       | _ Metered?                | YES                   | NO           |
| Branch breakers:                                       | Amp:                   | Poles:                 | KAIC:                             | Label &                   | & Special Rec         | quirements:  |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| OtyBreakers _  |                        |                        |                                   |                           |                       |              |
| OtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers  |                        |                        |                                   |                           |                       |              |
| Controls:  |                        |                        |                                   |                           |                       |              |
| QtyTime Clock: 24                                      | Hr 7                   | ' Day                  | _ 365 Day Astro                   | Descrip                   | otion:                |              |
| QtyPhoto Electric C                                    | Control Recepta        | icle                   |                                   |                           |                       |              |
| QtyTest switch: 2 Po                                   | os 3                   | 8 Pos                  | _ НОА Туре                        | Other                     |                       | <u>.</u>     |
| QtyControl Transfor                                    | rmer                   | Voltag                 | ge                                | VA Size (r                | equired for a         | ll 277/480v) |
| Contractors:   |                        |                        |                                   |                           |                       |              |
| Type: Lighting - <u>LT</u> /Definite                   | Purpose - <u>DP</u> /N | Mechanical He          | d - <u>MH</u> /Mercury - <u>M</u> | <u>V</u> /IEC - <u>IC</u> |                       |              |
| Qty Type   | Amp                    | Ро                     | les Coil                          | voltage                   | Other                 |              |
| Oty Type   |                        |                        |                                   |                           |                       |              |
| Qty Type   | Amp                    | Po                     | les Coil                          | voltage                   | Other                 |              |
| Cabinet/Finish requirement                             | <b>ts:</b> Alum – Unti | reated = <u>AO</u> /A  | lum Anodized = <u>AL</u> /        | Stainless Stee            | $   = \underline{SS}$ |              |
| Aluminum – Painted = $A / G$                           | ALVANIZED ST           | EEL PAINTED            | (standard)                        | (specify paint            | t below):             |              |
| MINT GREEN (standard) = $\underline{G}$                | <u>6</u> / PINE GREEN  | N = <u>PG</u> / Dark ( | Green = <u>DG</u> / Black         | = <u>BK</u> / Desert      | Tan = <u>DT</u>       |              |
| White = $\underline{W}$ / Gray = $\underline{P}$ / Sum | merland Gray =         | = <u>SG</u> / Other: ( | RAL finish number)_               |                           |                       |              |
| Other Requirements:                                    |                        |                        |                                   |                           |                       |              |

Please send any drawings, plans, specifications, and load/panel board schedules with worksheet.

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114 COMMERCIAL AND INDUSTRIAL ENCLOSURES

### **Commercial & Industrial Enclosures**

### **NEMA Commercial Enclosures**

Milbank's line of commercial enclosures includes the full gamut of styles and sizes; everything from junction boxes to transformer cabinets, telephone cabinets to wireway.

#### Type 1 Enclosures

Milbank's Type 1 enclosures are designed for indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects, such as falling dirt.



#### Type 3R Enclosures

Milbank's Type 3R enclosures are designed for either indoor or outdoor use to provide a degree of protection from harmful effects on the equipment due to the ingress of water (rain, sleet, snow) and that will be undamaged by the external formation of ice on the enclosure.

#### Wireway

Milbank's wide range of wireway is available in many styles and sizes and its wide range of fittings allows it to smoothly transition to and from competitors' products.

### **NEMA Industrial Enclosures**

Milbank's line of industrial enclosures include junction boxes, wiring trough, push-button enclosures and modular enclosures. Milbank also excels in special designs; nearly any type, size or color of enclosure you need, we can make!

#### Type 12 Enclosures

Enclosures constructed without knockouts for indoor use to provide a degree of protection to personnel against access to hazardous parts, and protect components against falling dirt, circulating dust and lint, and dripping or splashing water.



#### **Type 4 Enclosures**

Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; protect equipment against falling dirt and windblown dust; protect against rain, sleet, snow, splashing water, and hose directed water; and is resistant to damage by the external formation of ice on the enclosure.

#### **Industrial Enclosure Specials**

Milbank specializes in custom enclosure projects, offering an almost limitless amount of styles, options, colors and sizes. Milbank will meet your needs and specifications and deliver a custom enclosure that protects your crucial electric equipment.

#### **Thermal Management**

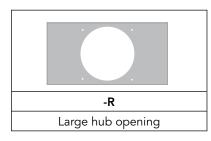
Protect components housed in enclosures from damage caused by overheating, freezing, humidity and condensation with these thermal management products.



### Accessories

Hubs and Closing Plates

|        | -F     | RL      |       |       |       | 0 0 | 2     |     | $\sim$ | and the second |         |
|--------|--------|---------|-------|-------|-------|-----|-------|-----|--------|----------------|---------|
| Sma    | ll huk | opening | 1     |       |       |     |       |     |        |                |         |
|        |        | 1       |       |       |       | 1   |       |     |        |                |         |
|        |        |         |       |       |       |     |       |     |        |                | •       |
| -WL A7 | 514    | -YL     | A7515 | -ZL   | A7516 | -DL | A7517 | -EL | A7518  | -XL            | A7551   |
| 1" hub |        | 11⁄4"   | hub   | 11⁄2" | hub   | 2"  | hub   | 2½" | hub    | Small          | closing |



|    |       |     |       |    |       |           | •          |         |                                   |
|----|-------|-----|-------|----|-------|-----------|------------|---------|-----------------------------------|
| -F | A8110 | -G  | A8111 | -H | A8112 | -X        | A9064      | -RRL    | S8324                             |
| 3" | hub   | 3½" | hub   | 4" | hub   | Large clo | sing plate | adaptec | o opening<br>I to small<br>pening |

### Notes

- Suffix: Add to catalog number for factory installation of hub.
- Packaging: Individually packed units for field installation.
- Abbreviations: H.O. (hub opening), C.P. (closing plate).

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plate

### **Accessories** Connector Kits, Closing Kits & Generator Interlock

### Connector Kits — For Use with <sup>3</sup>/<sub>8</sub>"-16 Stud Type Units Only

|        | Si     | ngle                                   | Twin   |        |                         |
|--------|--------|--|--------|--------|-------------------------|
| Suffix | Part # | (3 per set) - 1Ø                       | Suffix | Part # | (3 per set) - 1Ø        |
| K1     | K1539  | 6-350                                  | K2     | K1350  | 6-350                   |
| КЗ     | K1540  | 4-600 or (2) 1/0-250                   | K2L    | K1350L | 6-350 (non<br>rotating) |
| K3L    | K1540L | 4-600 or (2) 1/0-250<br>(non rotating) | K4     | K1541  | 4-600                   |
| Suffix | Part # | (4 per set) - 3Ø                       | Suffix | Part # | (4 per set) - 3Ø        |
| K5     | K3082  | 6-350                                  | K6     | K3442  | 6-350                   |
| K7     | K3441  | 4-600 or (2) 1/0-250                   | K8     | K3083  | 4-600                   |

### **Bypass Link**

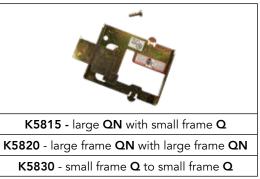


(sold in pairs, designed for temporary use only.)

### **Closing Covers**

| •   |  |
|---|--|
| Meter Closing Plate<br>(Ring Type/Ringless) | Metal Closing Plate<br>(For Ringless<br>Sockets) |
| 6003 - Gray Plastic                         | CP-21  |
| 6116 - Clear Plastic                        |  |

### **Generator Interlock**



### **Disconnect Sleeve**



### Anti-Inversion Clip



### Isolated Neutral Kit





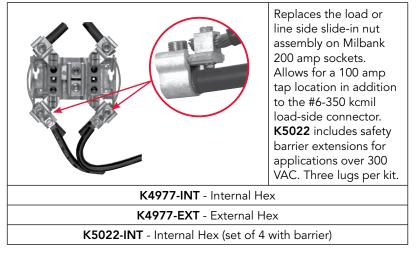
### Accessories

### Fifth Terminal, Tap Connectors & Block Assemblies

**Fifth Terminal** 

| <b>5T8K2</b> - 100-200 Amp | <b>K5T</b> - 200 Amp     | K3865 - Heavy Duty Jaw Clamping |
|----------------------------|--------------------------|---------------------------------|
| "Plug-In"                  | (Block with Square Hole) | (K3866 without Neutral Wire)    |

### Tap Connectors (3 per set)

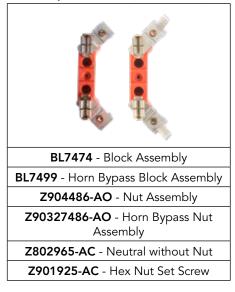


### **Triplex Ground**

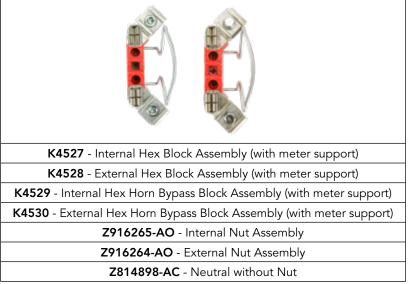


(For factory installed triplex ground, add suffix -TG to catalog number)

### 100 Amp Blocks (single sockets only)



### 200 Amp Blocks (single sockets only)



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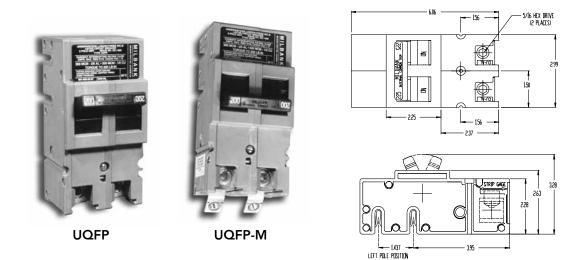


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### Accessories

UQFP Plug-In Series Circuit Breakers





| 200 Amp Frame | Plug-In | 10K AIC & 22K AIC | Two-Pole | Common Trip |
|---------------|---------|-------------------|----------|-------------|
|               |         |                   |          |             |

| <b>A</b> | 10K AIC  | 22K AIC   | 10K AIC    | 22K AIC     | Connecto | ors CU/AL |
|----------|----------|-----------|------------|-------------|----------|-----------|
| Amp      | Plug-In  | Plug-In   | Plug-In    | Plug-In     | Line     | Load      |
| 100      | UQFP-100 | UQFPH-100 | UQFP-M-100 | UQFPH-M-100 | #3-#1    | #1-1/0    |
| 125      | UQFP-125 | UQFPH-125 | UQFP-M-125 | UQFPH-M-125 | #3-#1    | #1-1/0    |
| 150      | UQFP-150 | UQFPH-150 | UQFP-M-150 | UQFPH-M-150 | 1/0-300  | 2/0-300   |
| 200      | UQFP-200 | UQFPH-200 | UQFP-M-200 | UQFPH-M-200 | 1/0-300  | 2/0-300   |

### **Notes**

• UL listed: For use with 60°C or 75°C wire.

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- UQFP: For parallel main circuit breaker applications.
- UQFP-M: For series main circuit breaker applications. Split load tab features allow for feed through capability.
- Standard Packaging: 5 units per 16 lb. carton.



### Accessories UQFB Plug-In Series Circuit Breakers



UQFB-X1



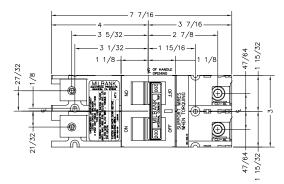
UQFB-X

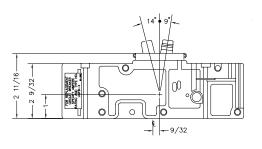


UQFB



UQFB-X-MOD





### 200 Amp Frame | Bolt-On | 10K AIC & 22K AIC | Two-Pole | Common Trip

| A   | 10K AIC  | 22K AIC   | 10K AIC     | Connecto | ors CU/AL |
|-----|----------|-----------|-------------|----------|-----------|
| Amp | Bolt-On  | Bolt-On   | Bolt-On     | Line     | Load      |
| 100 | UQFB-100 | UQFBH-100 | UQFB-100-X1 | #3-#1    | #1-1/0    |
| 125 | UQFB-125 | UQFBH-125 | UQFB-125-X1 | #3-#1    | #1-1/0    |
| 150 | UQFB-150 | UQFBH-150 | UQFB-150-X1 | 1/0-300  | 2/0-300   |
| 175 | UQFB-175 | UQFBH-175 | UQFB-175-X1 | 1/0-300  | 2/0-300   |
| 200 | UQFB-200 | UQFBH-200 | UQFB-200-X1 | 1/0-300  | 2/0-300   |

### Notes

- UL listed: For use with 60°C or 75°C wire.
- UQFB: (2) 1/0-300 kcmil lugs provided on load and line side (cable-in, cable-out).
- UQFB3: Three pole available. Consult factory.
- UQFB-X: (2) 1/0-300 kcmil lugs provided on load side and (2) line bar bus connections on line side.
- UQFB-M: For series main circuit breaker applications. Split load tab features allow for feed through capability.
- UQFB-X-MOD: Replacement circuit breaker with line barriers removed.
- Standard Packaging: 5 units per 16 lb. carton.

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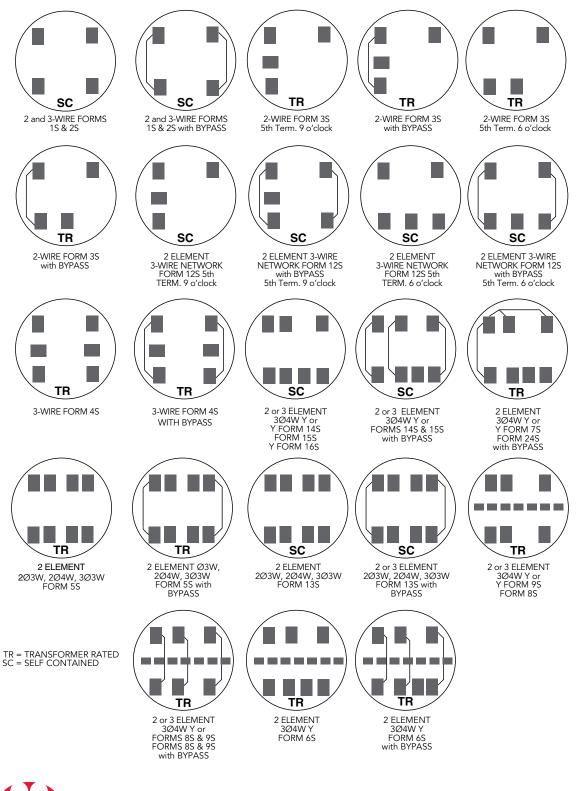


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### Watthour Meter Forms

Standard Forms | Transformer Rated or Self-Contained





### Meter Forms Reference Information

DIAGRAM A 1Ø2W with 1 P.T. & 1 C.T. Single Stator Meter(2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

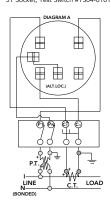
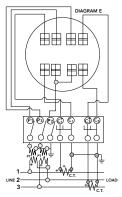


DIAGRAM E 3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105



**DIAGRAM I** 3Ø4W "Y" or "A" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "A" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

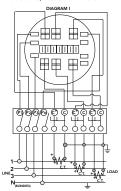


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter (2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

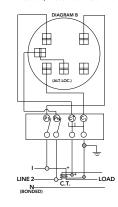


DIAGRAM F 3Ø3W "A" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

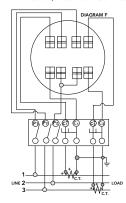


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109

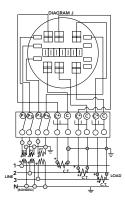


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

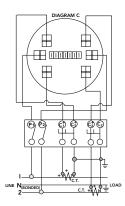


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

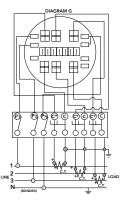


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

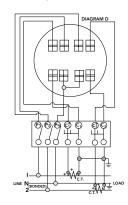
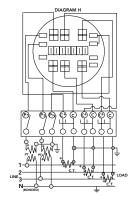


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



**Prewiring:** If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter form number and provide a copy of your wiring diagram.

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### **Energization of Electrical Equipment**

Important Information for Installers

### **Important Note**

In addition to national and local electrical codes, many utilities have specific requirements for metering equipment. Always consult the serving utility for their specifications and requirements prior to ordering or installing Milbank meter mounting equipment.

### Before Energizing

1. Give equipment a thorough visual examination to determine that:

- A. No shipping or installation damage exists.
- B. Proper clearances have been maintained.
- C. All connections have been made.
- D. Equipment is clean and dry.
- 2. Make a thorough examination to:
  - A. Verify tightness of all bolted connections (see table below).
  - B. Manually operate all circuit breakers, switches, relays, etc.
  - C. Check rigidity of all mountings, bus bars and components.
  - D. Use test equipment to check continuity of circuitry and integrity of insulation.
- 3. All switches and circuit breakers should be in the "off" position.
- 4. Verify that manual meter bypass (if applicable) is in non-bypass position.
- 5. Install cover and/or close doors.
- 6. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

### When Energizing

Use caution and follow established safety procedures:

- 1) Wear safety apparel.
- 2) Use safety equipment.
- 3) Take action to prevent injury to yourself and others in the event of failure of the installation.
- 4) Take action to prevent/decrease damage to property in the event of failure of the installation.
- 5) If you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

### After Energizing

Secure the installation:

- 1) To prevent accidental contact with energized parts, cover all openings with approved filler devices.
- 2) To prevent unauthorized access, secure all covers and/or doors with approved security devices.
- 3) Attach/post information to advise others of potential hazards associated with the installation.

#### **Recommended Torque for General Applications\***

| Nominal |       | Joint Description                                  | Lineal Trees | Torque            |
|---------|-------|--|--------------|-------------------|
| Size    | Screw | Nut  | Head Type    | (Inch Lbs.)       |
| 10      | Brass | Brass Nut or Extruded Hole                         | All          | 20-25 inch lbs.   |
| 10      | Steel | Copper or Aluminum Busbar ≤ 1/8"                   | All          | 25-30 inch lbs.   |
| 10      | Steel | Steel Nut or Extruded Hole; CU or AL Busbar > 1/8" | All          | 30-35 inch lbs.   |
| 12      | Steel | Aluminum Extruded Hole                             | All          | 30-35 inch lbs.   |
| 12      | Steel | Steel Nut or Extruded Hole                         | All          | 40-50 inch lbs.   |
| 1/4     | Steel | Aluminum Extruded Hole                             | All          | 40-50 inch lbs.   |
| 1/4     | Steel | Steel Nut or Extruded Hole; CU or AL Busbar        | All          | 50-60 inch lbs.   |
| 5/16    | Steel | Aluminum Extruded Hole                             | Hex          | 60-70 inch lbs.   |
| 5/16    | Steel | Steel Nut or Extruded Hole; CU or AL Busbar        | Hex          | 100-150 inch lbs. |
| 3/8     | Steel | Steel Nut  | Hex          | 150-200 inch lbs. |
| 1/2     | Steel | Steel Nut  | Hex          | 200-250 inch lbs. |

\* Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first. **CU:** Copper **AL:** Aluminum



### **Materials & Finishes**

Reference Information

### **Materials**

### **Steel Quality**

The meter equipment listed in this catalog is made of galvanized steel (AISI\* G90) to afford the best possible weather proofing. \*American Iron and Steel Institute.

### **Steel Sheet**

16 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated. (AISI G90) 14 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated.

### **Aluminum Extrusion**

Wire-Terminal: Alloy; 6061-T6, Tin-plated for CU/AL wire. Bus Bar: Alloy; 6101-O & 6063-O

### **Aluminum Sheet**

3000 series aluminum sheet, H14, or 5052 series aluminum sheet, H32. Where applicable thicknesses range from .064-.125

### **Copper Sheet & Bus**

Electrolytic copper with tin plating in most applications.

### **Insulating Materials**

- In most units, support bases for current-carrying components are molded from fiberglass reinforced high-strength, track resistant, thermoset polyester molding compounds.
- Clear or black safety shields and polarity barriers are molded from high-strength, track resistant, polycarbonate molding compounds.
- Various sheet insulating materials, as appropriate for the application are utilized in the fabrication of flat, formed and punched component parts and barriers.

### Finish

### **Process**

Light gray state-of-the-art electrostatically applied powder paint offers a durable, non-fading finish. For further information concerning the chemical analysis of the weather resistant finish, please contact the factory.

### **Metal Fasteners**

Zinc-coated with a chromate dip.

### **Ratings & Compliance**

### **Ratings & Compliance**

All Milbank electrical enclosures in this catalog are rated "Type 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), Panelboards (UL 67, File E32628) and Pullout Switches (UL 1429, File E133062). Additional standards are utilized as applicable: Meter Sockets (ANSI C12.7), Test Switches (ANSI C12.9) and Panelboards (NEMA PB-1).

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314 | milbankworks.co

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| CP-PE-TY<br>CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24362<br>CT24361<br>CT24361<br>CT24361<br>CT24363<br>CT24363<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481  | P5-2POS       103         H       103         NE       103         1-HC       61         1-SC       61         1-SC <td< td=""></td<> |
| CP-PE-TY<br>CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24362<br>CT24361<br>CT24361<br>CT24361<br>CT24363<br>CT24363<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481  | P5-2POS       103         H       103         NE       103         1-HC       61         1-SC       61         1-SC <td< td=""></td<> |
| CP-PE-TY<br>CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24362<br>CT24361<br>CT24361<br>CT24361<br>CT24363<br>CT24363<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481  | P5-2POS       103         H       103         NE       103         1-HC       61         1-SC       61         1-KC       61         1-SC       61         1-SC <td< td=""></td<> |
| CP-PE-TY<br>CP-TC24<br>CP-TC20361<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481   | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       6             |
| CP-PE-TN<br>CP-TC24<br>CP-TC20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36361<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481   | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61         4-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC7D<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481  | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         4-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC7D<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481  | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         4-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC20<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24329<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT484 | P5-2POS       103         H       103         NE       103         1-HC       61         1-SC       61         4-SC       61         4-SC       61         4-SC <td< td=""></td<> |
| CP-PE-TY<br>CP-TC24<br>CP-TC20<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT484 | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-SC       61         1-HC       61         1-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC20361<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC20361<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC7D<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT484 | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24363<br>CT24361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT484 | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       6             |
| CP-PE-TY<br>CP-TC24<br>CP-TC74<br>CP-TC70<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT484 | P5-2POS       103         H       103         N       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       6             |
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## Western Region Product Catalog



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## **Milbank Overview**

Energy At Work since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With 90 years of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.

#### METERING



As a market leader in electrical metering equipment, Milbank has set the standard for quality since 1927. Hundreds of configurations are available, including many sizes, knockout configurations, terminal configurations, bypass options, hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.

#### ENCLOSURES



Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireway, trough and industrial panel mount and push-button enclosures. Built with high-quality craftsmanship and materials which meet or exceed industry standards, Milbank enclosures are made to protect controls and equipment from dust, dirt and other harmful elements found in a wide variety of environments.



#### ENCLOSED CONTROLS

Milbank doesn't just build empty enclosures. We can deliver the entire package, complete with custom control equipment built to your exact specifications by our engineers. Milbank commercial pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures. Milbank's manual and automatic transfer switches are durable, easy to install and compatible with most generators.



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Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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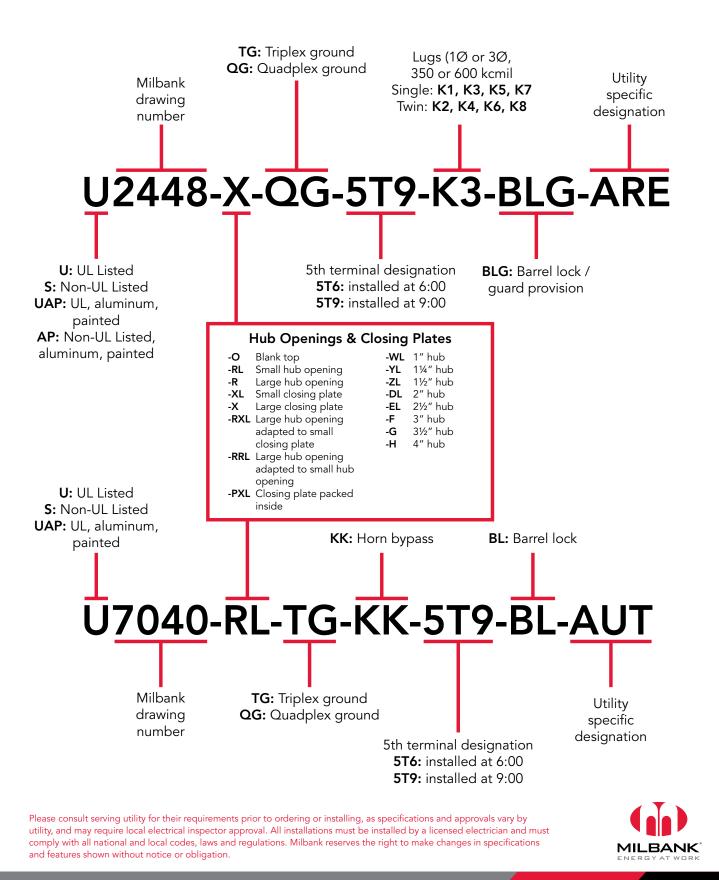


## **Catalog Number Logic**

How our product catalog numbers are derived

CATALOG

LOGIC



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## **Air Conditioner Disconnects**

30-60 Amp | Fusible & Non-Fusible





Milbank's air conditioner disconnect has a removable hinged cover for ease of installation. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90U galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

| Catalog<br>Number |    |             | Weight Wire Range Ground Wire Dimensions |        | Veight Wire Range Ground Wire Dimensions |        | eight Wire Range Ground Wire Dime |                          | Ground Wire<br>Range CU/AL |            | Wire I  | Rating  |
|-------------------|----|-------------|--|--------|--|--------|-----------------------------------|--------------------------|----------------------------|------------|---------|---------|
| Number            |    |             | п.г.                                     | (IDS.) | CU                                       | AL     | Range CU/AL                       | D"                       | W"                         | Η"         | CU °C   | AL °C   |
| U3802             | 60 | Non-Fusible | 10                                       | 3.25   | #14-#2                                   | #12-#2 | #14-4                             | <b>21</b> / <sub>2</sub> | 5                          | <b>7</b> ½ | 60°/75° | 60°/75° |
| U3812             | 60 | Non-Auto    | 10                                       | 3.25   | #14-#2                                   | #12-#2 | #14-4                             | 21/2                     | 5                          | 71⁄2       | 60°/75° | 60°/75° |
| U3832             | 30 | Fusible     | 3  | 2.5    | #14-#3                                   | #14-#3 | #14-3                             | 21/8                     | 5                          | 7          | 60°/75° | 60°/75° |
| U3862             | 60 | Fusible     | 10                                       | 3.3    | #14-#3                                   | #14-#3 | #14-3                             | 21⁄8                     | 5                          | 9          | 60°/75° | 60°/75° |

### 30-60 Amp | 1Ø 240 VAC | Air Conditioner Disconnects

### Notes

- UL listed as Enclosed Pullout Switch
- Type 3R rain resistant
- One-inch concentric knockouts

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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### **Air Conditioner Disconnects**

60 Amp | With 20 Amp GFCI Receptacle



U3822-20GWR

### **Specifications**

- Meets NEC #210.63 requirements
- UL listed as Power Outlet
- Type 3R enclosure
- In-use cover\*
- Duplex ground connector
- 1" concentric knockouts

- 1Ø, 240 volt
- 60 amp, non-fused
- 20 amp GFCI receptacle
- Reset/test button
- Weather and tamper resistant
- Meets NEC #406.8 requirements

#### 60 Amp | 1Ø, 240 VAC | Air Conditioner Disconnect with GFCI Receptacle

| Catalog     | Туре        | Max<br>H.P. | Weight<br>(lbs.) | Line/Load<br>Wire Range |        | Ground<br>Wire Range | Dimensions |    |    | Wire Rating |         |  |
|-------------|-------------|-------------|------------------|-------------------------|--------|----------------------|------------|----|----|-------------|---------|--|
| Number      |             |             |                  | CU                      | AL     | CU/AL                | D"         | W" | H" | CU °C       | AL °C   |  |
| U3822-20GWR | Non-Fusible | 10          | 6                | #14-#2                  | #12-#2 | #14-4                | 41/5       | 5¼ | 7⅔ | 60°/75°     | 60°/75° |  |

### Notes

- Disconnect Pullouts: To ensure the safest conditions, Milbank disconnect pullouts are reversible so they may be reinstalled in the OFF position.
- Padlock Provision: All units are designed with a padlock provision on the cover for security.

\*In-Use Cover: Cover is rated as an in-use cover (cover may be closed with cords plugged into receptacle).



### Hot Tub Disconnects

Type 3R Enclosures



U4881-O-50GB

### **Specifications**

- 240 volt ground fault protection
- UL listed, Type 3R rain resistant enclosure
- 2-pole, 50 amp GFCI breaker protection
- Compact size
- Three or four wire installation



U4881-O-60GB

- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

### 100 Amp | Hot Tub Disconnect or Sub Panel Breaker Enclosure | Type 3R

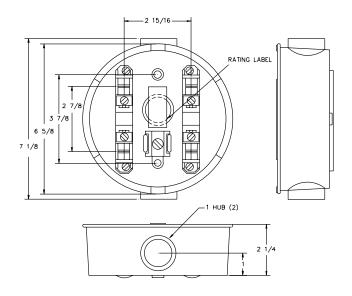
| Catalog<br>Number | Breaker | Туре              | Weight |         | Load<br>Range | Ground<br>Wire Range | Dir | nensio    | ons  |
|-------------------|---------|-------------------|--------|---------|---------------|----------------------|-----|-----------|------|
| Number            | Amp     |                   | (lbs.) | CU      | AL            | CU/AL                | D"  | W"        | H"   |
| U4881-O           | —       | Breaker Provision | 7      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | <b>7½</b> | 81⁄2 |
| U4881-O-50GB      | 50      | Breaker           | 8      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | <b>7½</b> | 81⁄2 |
| U4881-O-60GB      | 60      | Breaker           | 8      | #14-1/0 | #14-1/0       | #14-1/0              | 3¾  | 71⁄2      | 81⁄2 |



10 3D-100 AMP SINGLE POSITION SOCKETS

### Single Position Sockets 30-100 Amp | 4 Terminal | Ring Type





### **Applications**

100 amp max rated is ideal for use on:

- Temporary service
- Outdoor advertising
- Small customer service
- Other low amp requirements

### 30-100 Amp | 4 Terminal | Economy Cast Socket | Ring Type | Single Position

| Catalog   | Terminal | Somilao | Lluk   | Connecto | ors CU/AL | Quantity    | Concentric           |
|-----------|----------|---------|--------|----------|-----------|-------------|----------------------|
| Number    | Terminal | Service | dun    | Line     | Load      | Per Package | Knockouts            |
| AP2300-03 | 4        | OH/UG   | 1"     | #12-1/0  | #12-1/0   | 12          | ³⁄4", 1"             |
| AP2300-04 | 4        | OH/UG   | 1 1/4" | #12-1/0  | #12-1/0   | 12          | <sup>3</sup> ⁄4", 1" |

### Notes

- Fifth & Sixth Terminal: Contact factory.
- Sealing Ring: Supplied with a snap action sealing ring.
- Hub: Units supplied with cast in hub on top and bottom. Consult factory for availability of other hub sizes.
- Bypass: Also available with auto bypass. Contact factory.



### **Single Position Solar Sockets**

100 Amp | 4 Terminal | 600 VAC

100 AMP SINGLE POSITION SOCKETS







U5934-XL-BLG

U6087-XL-INS

U4175-RL-BLG

### 100 Amp | 4 Terminal | Residential Solar Sockets | Standard Neutral

| Catalog       | Socket    | Service | Service | U       | Connecto | ors CU/AL | Din | nensi | ons |    | Knoc | kouts |  |
|---------------|-----------|---------|---------|---------|----------|-----------|-----|-------|-----|----|------|-------|--|
| Number        | Туре      | Service | пир     | Line    | Load     | D"        | W"  | H"    | 1   | 2  | 3    | 4     |  |
| U4175-RL-BLG* | Ringless  | OH/UG   | H.O.    | #12-1/0 | #12-1/0  | 35⁄16     | 8   | 11½   | 2   | 1½ | 1¼   | 1⁄4   |  |
| U6087-XL*     | Ring Type | OH/UG   | C.P.    | #12-1/0 | #12-1/0  | 35⁄16     | 8   | 11½   | 2   | 1½ | 1¼   | 1⁄4   |  |
| U6087-XL-INS* | Ring type | OH/UG   | C.P.    | #12-1/0 | #12-1/0  | 35⁄16     | 8   | 11½   | 2   | 1½ | 1¼   | 1⁄4   |  |

| 100 Amp | 4 Terminal | Residential Solar Sockets | Integral Isolated Neutral Option |
|---------|------------|---------------------------|----------------------------------|
|---------|------------|---------------------------|----------------------------------|

| Catalog      | Socket    | Service | Hub  | Connecto | Din     | nensi | ons | Knockouts |   |      |      |     |
|--------------|-----------|---------|------|----------|---------|-------|-----|-----------|---|------|------|-----|
| Number       | Туре      | Service | пир  | Line     | Load    | D"    | W"  | (H*)      | 1 | 2    | 3    | 4   |
| U5929-XL-INS | Ring Type | OH/UG   | C.P. | #12-1/0  | #12-1/0 | 35⁄16 | 8   | 11½       | 2 | 1½   | 1¼   | 1⁄4 |
| U5934-XL-BLG | Ringless  | OH/UG   | C.P. | #12-1/0  | #12-1/0 | 35⁄16 | 8   | 11½       | 2 | 11/2 | 11⁄4 | 1⁄4 |

### Notes

•-BLG: Barrel lock guard knockout provision.

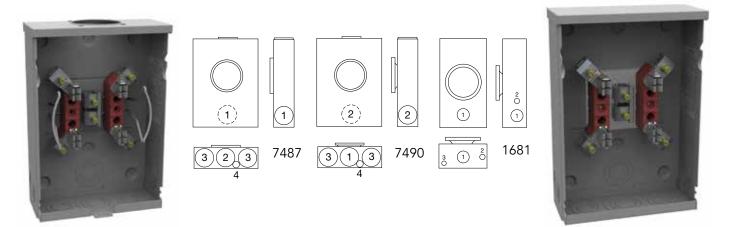
- Hubs: Accepts standard meter socket hubs.
- Construction: Units are Type 3R for durable outdoor use, lockable and sealable.
- \*Application: The standard bonded neutral units are applicable in areas where utility does not require an isolated neutral.



125 AMP SINGLE POSITION SOCKETS

### **Single Position Sockets**

125 Amp | 4 & 7 Terminal | Ringless & Ring Type



U7487-RL

### U7490-O

#### 125 Amp | 4 Terminal | Ringless | Single Position

| Catalog  | Terminal | Service | Hub   | Connecto | ors CU/AL | Dunasa | Dir   | nensi | ons | Knockouts |   |      |     |
|----------|----------|---------|-------|----------|-----------|--------|-------|-------|-----|-----------|---|------|-----|
| Number   | Terminal | Service | пир   | Line     | Load      | Bypass | D"    | W"    | H"  | 1         | 2 | 3    | 4   |
| U7487-O  | 4        | UG      | Blank | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 11/2      | 2 | 11⁄4 | 1⁄4 |
| U7487-RL | 4        | OH/UG   | H.O.  | #6-2/0   | #6-2/0    | None   | 35⁄16 | 8     | 11½ | 1½        | 2 | 1¼   | 1⁄4 |

#### 125 Amp | 4 Terminal | Ring Type | Single Position

| Catalog  | Terminal | Terminal | Service | Hub    | Connecto | ors CU/AL | Durage | Din | nensi | ons  |    |   | Knoc | kouts |     |  |
|----------|----------|----------|---------|--------|----------|-----------|--------|-----|-------|------|----|---|------|-------|-----|--|
| Number   | Terminal | Service  | пир     | Line   | Load     | Bypass    | D"     | W"  | H     | 1    | 2  | 3 | 4    | 5     | 6   |  |
| U7490-O  | 4        | UG       | Blank   | #6-2/0 | #6-2/0   | None      | 35⁄16  | 8   | 11½   | 11⁄2 | 1½ | 2 | 1/2  | _     | 1⁄4 |  |
| U7490-RL | 4        | OH/UG    | H.O.    | #6-2/0 | #6-2/0   | None      | 35⁄16  | 8   | 11½   | 11⁄2 | 1½ | 2 | 1/2  | —     | 1⁄4 |  |

### 125 Amp | 7 Terminal | Ring Type | Single Position

| Catalog  | Terminal | Sorvico | Hub  | Connecto | ors CU/AL | nensi  | ons  |    |     | Knoc | kouts | 5   |   |          |     |  |  |  |  |
|----------|----------|---------|------|----------|-----------|--------|------|----|-----|------|-------|-----|---|----------|-----|--|--|--|--|
| Number   | Terminal | Service | пир  | Line     | Load      | Bypass | D"   | W" | H"  | 1    | 2     | 3   | 4 | 5        | 6   |  |  |  |  |
| U1681-RL | 7        | ОН      | H.O. | #6-2/0   | #6-2/0    | None   | 41/8 | 10 | 18½ | 2    | 3⁄4   | 1/2 | _ | 1/4, 1/2 | 3⁄4 |  |  |  |  |

#### Notes

- Fifth Terminal: For field mounted fifth terminal on the U7487 & U7490 order catalog number 5T8K2 to fit into round opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: Ring type units supplied with an MR-2 snap action sealing ring as standard.



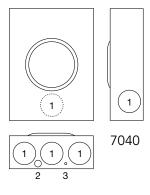
# Single Position Sockets

200 Amp | 4 Terminal | Ringless

13 200 AMP SINGLE POSITION SOCKETS

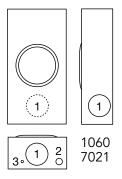


U7040-XL-TG



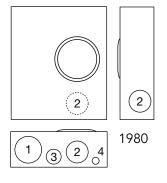


U1060-RL





U1980-O



### 200 Amp | 4 Terminal | Ringless | Single Position

| Catalog     | Terminal | Comilao | Link  | Connecto | ors CU/AL | Dumana | Dir  | nensi | ons |      |      | Knoc | kouts                                | ;        |     |
|-------------|----------|---------|-------|----------|-----------|--------|------|-------|-----|------|------|------|--------------------------------------|----------|-----|
| Number      | Terminal | Service | HUD   | Line     | Load      | Bypass | D"   | W"    | Η"  | 1    | 2    | 3    | 4                                    | 5        | 6   |
| U1060-RL    | 4        | ОН      | H.O.  | #2-350   | #2-350    | None   | 41⁄8 | 8     | 15½ | 2    | 3⁄4  | 1⁄4  | —                                    | —        | 1⁄4 |
| U1527-O     | 4        | UG      | Blank | #2-350   | #2-350    | None   | 41/8 | 11    | 15½ | 2    | 1/2  | 1⁄4  | <b>2</b> <sup>1</sup> / <sub>2</sub> | 1/4, 1/2 | 1⁄4 |
| U1980-O     | 4        | UG      | Blank | #6-350   | #6-350    | None   | 41/8 | 13    | 15½ | 3    | 21/2 | 1⁄4  | 1/2                                  | _        |     |
| U7021-RL-TG | 4        | ОН      | H.O.  | #6-350   | #6-350    | None   | 41/8 | 8     | 15½ | 21/2 | 1/2  | 1⁄4  | —                                    | _        |     |
| U7040-XL-TG | 4        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41⁄8 | 11    | 15½ | 1/2  | 1⁄4  | 21/2 | _                                    |          |     |
| U7043-XL-TG | 4        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41/8 | 13    | 15½ | 21/2 | 1/2  | 1⁄4  | —                                    | —        | _   |

### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: Extruded aluminum connectors are tin plated.



14 <sup>200 AMP</sup> SINGLE POSITION SOCKETS

### **Single Position Sockets**

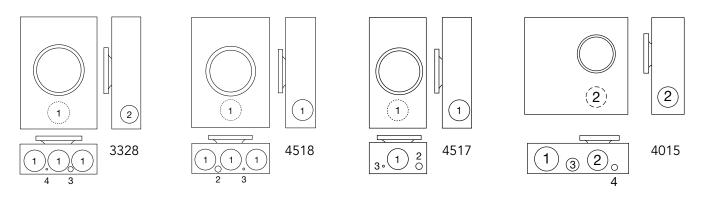
200 Amp | 4 & 7 Terminal | Ring Type



U3328-RXL



U4518-O-W



### 200 Amp | Ring Type | Single Position

| Catalog     | Terminal | Samilar | Hub   | Connecto | ors CU/AL | Dumana | Din  | nensi | ons   |                          | Knoc | kouts | ;   |
|-------------|----------|---------|-------|----------|-----------|--------|------|-------|-------|--------------------------|------|-------|-----|
| Number      | Terminar | Service | пир   | Line     | Load      | Bypass | D"   | W"    | H"    | 1                        | 2    | 3     | 4   |
| U4517-DL-M4 | 4        | ОН      | 2"    | #6-350   | #6-350    | None   | 41⁄8 | 8     | 151⁄2 | 21/2                     | 1/2  | 1⁄4   | _   |
| U4518-XL-W  | 4        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41⁄8 | 11    | 15½   | <b>21</b> / <sub>2</sub> | 1/2  | 1⁄4   | _   |
| U4518-O-W   | 4        | UG      | Blank | #6-350   | #6-350    | None   | 41⁄8 | 11    | 151⁄2 | 21/2                     | 1/2  | 1⁄4   | —   |
| U4015-O     | 4        | UG      | Blank | #6-350   | #6-350    | None   | 6    | 14    | 16¼   | 3                        | 21/2 | 1½    | 1/2 |
| U3328-RXL   | 7        | OH/UG   | C.P.  | #6-350   | #6-350    | None   | 41/8 | 13    | 19    | 3                        | 21/2 | 1⁄2   | 1⁄4 |

### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: The above ring type units are supplied with a MR-4 screw type sealing ring as standard.



# **Single Position Sockets** 200 Amp | 4 Terminal | Flush Mount | Ring Type

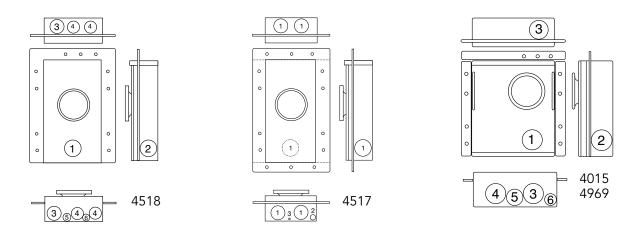


UF4518-KO



SINGLE POSITION SOCKETS

UF4015-KO



### 200 Amp | 4 Terminal | Flush Mount | Ring Type | Single Position

| Catalog    | Terminal | Service | Hub   | Connecto | ors CU/AL | Dunner | Din  | nensi | ons   |      |                          | Knoc       | kouts      | ;    |     |
|------------|----------|---------|-------|----------|-----------|--------|------|-------|-------|------|--------------------------|------------|------------|------|-----|
| Number     | Terminal | Service | - HUD | Line     | Load      | Bypass | D"   | W"    | H     | 1    | 2                        | 3          | 4          | 5    | 6   |
| UF4517-KO  | 4        | ОН      | K.O.  | #6-350   | #6-350    | None   | 51/8 | 8     | 15½   | 2    | 1/2                      | 1⁄4        | —          | —    |     |
| UF4518-KO  | 4        | OH/UG   | K.O.  | #6-350   | #6-350    | None   | 51/8 | 11    | 151⁄2 | 2    | 2                        | 21/2       | 21/2       | 1/2  | 1⁄4 |
| UF4015-KO  | 4        | UG      | К.О.  | #6-350   | #6-350    | None   | 5    | 14    | 16¼   | 21/2 | <b>21</b> / <sub>2</sub> | <b>2</b> ½ | <b>2</b> ½ | 11/2 | 1/2 |
| UF4969-KO* | 4        | UG      | K.O.  | #6-350   | #6-350    | None   | 71/2 | 14    | 16¼   | 21/2 | 21/2                     | <b>2</b> ½ | 3          | 11/2 | 1/2 |

### Notes

- Fifth Terminal: For field mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin plated.
- Sealing Rings: Ring type units are supplied with a MR-4 screw type sealing ring as standard.
- \* UF4969 can only be used in a 2 x 6 wall.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

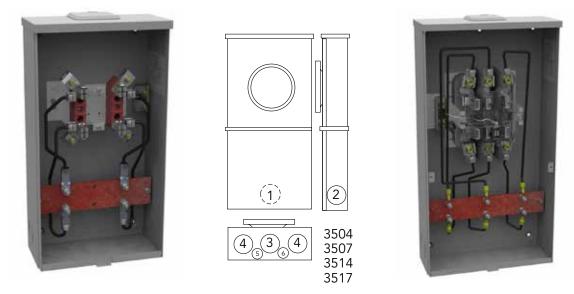


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125-200 AMP LINK BYPASS SINGLE POSITION

## Link Bypass Single Position

125-200 Amp | 4 & 7 Terminal | Ring Type



U3504-XL

U3517-XL

| 125 Amp   4 & 7 Terminal | Ring Type | Link Bypass | Single Position |
|--------------------------|-----------|-------------|-----------------|
|--------------------------|-----------|-------------|-----------------|

| Catalog  | Terminal | Somilao | Uuk  | Connecto | ors CU/AL | Din  | nensi | ons   |   |   | Knoc | kouts | ;   |   |
|----------|----------|---------|------|----------|-----------|------|-------|-------|---|---|------|-------|-----|---|
| Number   |          | Service | пир  | Line     | Load      | D"   | W"    | H"    | 1 | 2 | 3    | 4     | 5   | 6 |
| U3504-XL | 4        | OH/UG   | C.P. | #6-2/0   | #6-2/0    | 41/8 | 10    | 181⁄2 | 2 | 2 | 2    | 2     | 1⁄4 | — |
| U3507-XL | 7        | OH/UG   | C.P. | #6-2/0   | #6-2/0    | 41/8 | 10    | 21    | 2 | 2 | 2    | 2     | 1⁄4 | — |

|   | Catalog  | Terminal | Somico  | LI.J. | Connecto | ors CU/AL | Din  | nensi | ons   |      |      | Knoc | kouts |     |     |
|---|----------|----------|---------|-------|----------|-----------|------|-------|-------|------|------|------|-------|-----|-----|
|   | Number   | Terminal | Service | пир   | Line     | Load      | D"   | W"    | H"    | 1    | 2    | 3    | 4     | 5   | 6   |
| ſ | U3514-XL | 4        | OH/UG   | C.P.  | #6-350   | #6-350    | 41/8 | 13    | 21    | 21/2 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
|   | U3517-XL | 7        | OH/UG   | C.P.  | #6-350   | #6-350    | 41/8 | 13    | 241/2 | 21/2 | 21/2 | 21/2 | 21/2  | 1⁄4 | 1/2 |

### **Notes**

• Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 for the U3504; order K5T for the U3514.

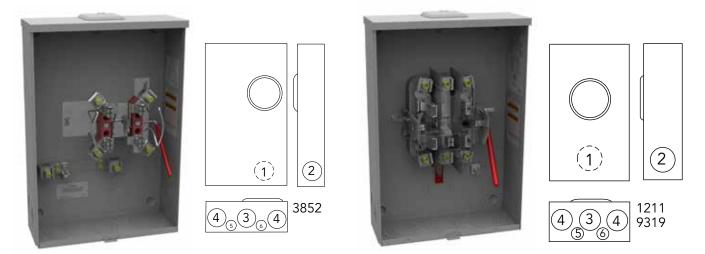
• Connectors: Extruded aluminum connectors are tin plated.

- Sealing Rings: Ring type units supplied with an MR-4 screw type sealing ring as standard.
- Link Bypass: Links provided by utility.



200 Amp | 4 & 5 Terminal | Ringless

#### 17 200 AMP LEVER BYPASS SINGLE POSITION



U3852-XL

U9319-XL

#### 200 Amp | 4 Terminal | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 1Ø3W

| Catalog  | Terminal | Comico  | Hub  |        | ors CU/AL | Dunas  | Din  | nensi | ons |   |      | Knoc | kouts      | •   |     |
|----------|----------|---------|------|--------|-----------|--------|------|-------|-----|---|------|------|------------|-----|-----|
| Number   | Terminal | Service | пub  | Line   | Load      | Bypass | D"   | W"    | Η"  | 1 | 2    | 3    | 4          | 5   | 6   |
| U3852-XL | 4        | OH/UG   | C.P. | #2-350 | #2-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 21/2 | <b>2</b> ½ | 1⁄4 | 1/2 |

#### Notes

• Fifth Terminal: Fifth terminal is not available for this unit.

• Triplex Ground: Factory installed as standard.

| 200 Amp   4 & 5 Termina | Ringless   N | on-Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W |
|-------------------------|--------------|------------------------------|-----------------|--------------|
|-------------------------|--------------|------------------------------|-----------------|--------------|

| Catalog   | Terretinel | Comiles. | Hub  | Connecto | ors CU/AL | Dumana | Din  | nensi | ons |   | l    | Knoc | kouts |     |     |
|-----------|------------|----------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Terminal   | Service  | Πub  | Line     | Load      | Bypass | D"   | W"    | Η"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U1211-RXL | 4          | OH/UG    | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U9319-XL  | 5          | OH/UG    | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### **Notes**

- Fifth Terminal: For field mounted fifth terminal, order as extra K3866 for the U1211.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Bypass: 200 amp continuous duty bypass. Lever operates bypass only. Not jaw clamping.
- Connectors: Units are supplied with extruded aluminum connectors and bonded, triplex neutral.

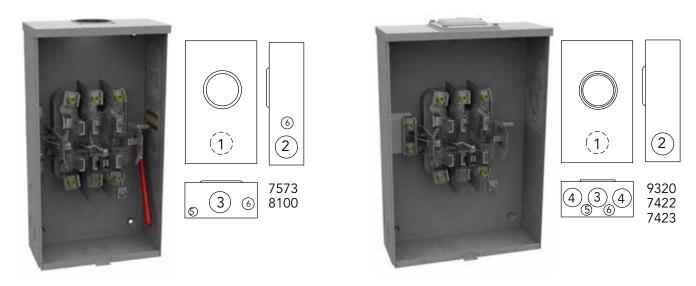
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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125-200 Amp | 7 Terminal | Ringless



U7573-RL

U7422-RXL

#### 7 Terminal | Ringless | No Bypass | Single Position | 3Ø4W

| Catalog   | A   | Terminal | Comilaa | Hub  | Connecto | ors CU/AL | Dumono | Din  | nensi | ons |   |      | Knoc | kouts | ;   |     |
|-----------|-----|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Amp | Terminal | Service | пир  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U8100-RL  | 125 | 7        | ОН      | H.O  | #6-2/0   | #6-2/0    | None   | 41/8 | 10    | 18½ | 2 | 2    | 2    | —     | 1⁄2 | 3⁄4 |
| U7422-RXL | 200 | 7        | OH/UG   | C.P. | #6-350   | #6-350    | None   | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### 7 Terminal | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 3Ø4W

| Catalog   | A   | Terretinal | Comilao | LL.L | Connecto | ors CU/AL | Dumono | Dir  | nensi | ons   |   |      | Knoc | kouts | ;   |      |
|-----------|-----|------------|---------|------|----------|-----------|--------|------|-------|-------|---|------|------|-------|-----|------|
| Number    | Amp | Terminal   | Service | ΠUD  | Line     | Load      | Bypass | D"   | W"    | H.    | 1 | 2    | 3    | 4     | 5   | 6    |
| U7573-RL  | 125 | 7          | ОН      | H.O. | #6-2/0   | #6-2/0    | Lever  | 41/8 | 10    | 181⁄2 | 2 | 2    | 2    | —     | 1/2 | 3⁄4, |
| U9320-RXL | 125 | 7          | OH/UG   | C.P. | #6-2/0   | #6-2/0    | Lever  | 47⁄8 | 10    | 19    | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2  |
| U7423-RXL | 200 | 7          | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19    | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2  |

#### Notes

- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Bypass: 200 amp continuous duty bypass. Lever operates bypass only. Not jaw clamping.
- Connectors: Extruded aluminum connectors are tin plated. Units supplied with bonded, duplex neutral.

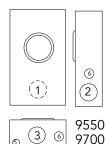


200 Amp | 4, 5 & 7 Terminal | Ringless

#### 19 200 AMP LEVER BYPASS SINGLE POSITION

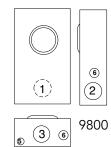


U9701-RXL



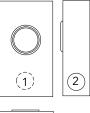


U9800-RRL





U9551-RXL



(4) (3) (4) 9551 (5) (6) 9701

200 Amp | 4 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

| Catalog    | Terminal | Comilas | LLuk | Connecto | ors CU/AL | Dumana | Din  | nensi | ons |   |      | Knoc | kouts |     |     |
|------------|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number     | Terminal | Service | ΠUD  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U9800-RRL* | 4        | ОН      | H.O. | #6-350   | #6-350    | Lever  | 41/8 | 10    | 18½ | 3 | 21/2 | 3    | _     | 1/2 | 3⁄4 |
| U9801-RXL* | 4        | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

#### 200 Amp | 5 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

| Catalog   | Terminal | Service | Hub  | Connecto | ors CU/AL | Purpose | Dir  | nensi | ons                      |   |      | Knoc | kouts | ;   |     |
|-----------|----------|---------|------|----------|-----------|---------|------|-------|--------------------------|---|------|------|-------|-----|-----|
| Number    | Terminal | Service | пир  | Line     | Load      | Bypass  | D"   | W"    | $\left\  H^{m} \right\ $ | 1 | 2    | 3    | 4     | 5   | 6   |
| U9550-RRL | 5        | ОН      | H.O. | #6-350   | #6-350    | Lever   | 41/8 | 10    | 18½                      | 3 | 21/2 | 3    | —     | 1/2 | 3⁄4 |
| U9551-RXL | 5        | OH/UG   | C.P. | #6-350   | #6-350    | Lever   | 47⁄8 | 13    | 19                       | 3 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |

200 Amp | 7 Terminal | Ringless | Jaw Clamping Lever Bypass | Single Position | 3Ø4W

| Catalog   | Torminal | Somico  | Lluk | Connecto | ors CU/AL | Durage | Din  | nensi | ons |   |      | Knoc | kouts |     |     |
|-----------|----------|---------|------|----------|-----------|--------|------|-------|-----|---|------|------|-------|-----|-----|
| Number    | Terminal | Service | пир  | Line     | Load      | Bypass | D"   | W"    | H"  | 1 | 2    | 3    | 4     | 5   | 6   |
| U9700-RRL | 7        | ОН      | H.O. | #6-350   | #6-350    | Lever  | 41/8 | 10    | 18½ | 3 | 21⁄2 | 3    | —     | 1/2 | 3⁄4 |
| U9701-RXL | 7        | OH/UG   | C.P. | #6-350   | #6-350    | Lever  | 41/8 | 13    | 19  | 3 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |

#### Notes

• Hubs: For proper hub selection see the hub suffix chart on accessory page.

• Bypass: Lever supplies clamping action and also operates bypass device.

• Connectors: Extruded aluminum connectors are tin plated. U9550 and U9551 units are supplied with duplex neutral,

with removable bonding strap for insulated neutral. **U9700** series units are supplied with duplex neutral.

\* Internal Hex Connectors. For main and/or service disconnect, use with U5484-O enclosed circuit breaker.

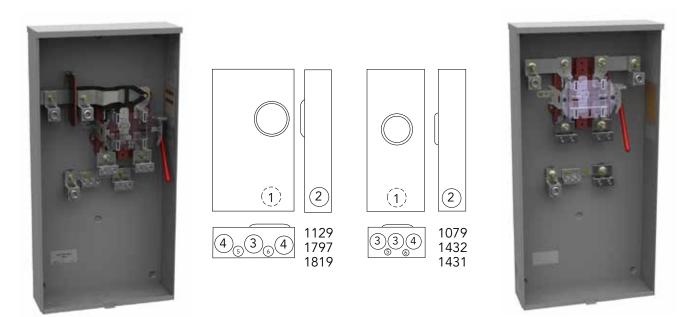
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320 Amp | 4 Terminal | Ringless



U1797-O-K3L-K2L

U1129-O-K3L-K2L

| Catalog         | Terminal | Comilas | LL.Ja | Connecto                     | ors CU/AL      | Dumana | Dir  | nensi | ons        |      |      | Knoc | kouts |     |     |
|-----------------|----------|---------|-------|------------------------------|----------------|--------|------|-------|------------|------|------|------|-------|-----|-----|
| Number          | Terminal | Service | пир   | Line                         | Load           | Bypass | D"   | W"    | H          | 1    | 2    | 3    | 4     | 5   | 6   |
| U1079-R         | 4        | ОН      | H.O.  | ³⁄8"x16                      | Studs          | Lever  | 41/8 | 13    | 38¾        | 31⁄2 | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U1431-R*        | 4        | OH/UG   | H.O.  | 3%"x16 Studs                 |                | None   | 41/8 | 13    | 38¾        | 31⁄2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |
| U1129-O-K3L-K2L | 4        | UG      | Blank | (1) #4-600 or<br>(2) 1/0-250 | Twin<br>#6-350 | Lever  | 41/8 | 15    | 30         | 3    | 21/2 | 3    | 3     | 1⁄4 | 1/2 |
| U1432-O*        | 4        | UG      | Blank | ³⁄%"x16                      | Studs          | None   | 41/8 | 13    | <b>29¾</b> | 31⁄2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2 |
| U1819-X*        | 4        | UG      | C.P.  | ³⁄8"x16                      | Studs          | None   | 41/8 | 15    | 30         | 3    | 3    | 3    | 3     | 1⁄4 | 1/2 |
| U1797-O-K3L-K2L | 4        | UG      | Blank | (1) #4-600 or<br>(2) 1/0-250 | Twin<br>#6-35  | Lever  | 41/8 | 15    | 30         | 3    | 3    | 3    | 3     | 1⁄4 | 1/2 |

320 Amp | 4 Terminal | Ringless | Lever Bypass | Single Position

#### Notes

• Hubs: For proper hub selection, see the hub suffix chart on the accessory page.

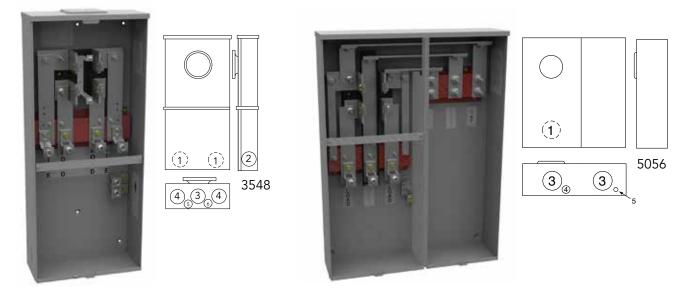
- \*Bypass: Lever supplies clamping action on meter spades only on the U1431, U1432 and U1819. Lever supplies clamping action and also operates bypass device on the U1079, U1129 & U1797.
- Connector Kits: Stud type units are supplied with 3/4 "x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. Order K1539 (single #350), K1540 (single #600) or K1350 (twin #350). See accessories page. Note: The U1129 unit has a single connector on the line side only.
- Fifth Terminal: For field mounted fifth terminal, order as extra K3866 for the U1079 & U1431. Order as extra K3865 for units U1129, U1432, U1819, and U1797.
- Lug Size Range: See accessories page for lug size range for the U1129 & U1797 units.



### **Link Bypass Single Position**

320 Amp | 4 Terminal | Ring Type





U3548-X

U5056-O

#### 320 Amp | 4 Terminal | Ring Type | Link Bypass | Single Position | 1Ø3W

| Catalog  | Terminal | Comico  | Hub   | Connecto               | ors CU/AL                 | Durboss | Dir | nensi | ons |   |   | Knoc | kouts | ;   |     |
|----------|----------|---------|-------|------------------------|---------------------------|---------|-----|-------|-----|---|---|------|-------|-----|-----|
| Number   | Terminal | Service | пир   | Line                   | Load                      | Bypass  | D"  | W"    | H"  | 1 | 2 | 3    | 4     | 5   | 6   |
| U3548-X* | 4        | OH/UG   | C.P.  | Single =<br>Parallel = | = 4-600<br>= 1/0-250      | Link    | 6   | 14    | 33  | 3 | 3 | 3    | 3     | 1⁄4 | 1/2 |
| U5056-O  | 4        | UG      | Blank | 1/2"x13 Studs          | #4-600 or<br>Twin 1/0-250 | Link    | 6   | 24    | 32  | 3 | — | 4    | 1/2   | 1⁄4 | —   |

#### Notes

• Sealing Ring: Ring type units are supplied with an MR-4, screw type, sealing ring as standard.

• Triple Tap Lug: For triple tap lug kit order K5049, wire range #6-250 kcmil.

• Link Bypass: Links provided by utility.

\* Flush Mount Kit: For field mounted flush mount kit order K4086.

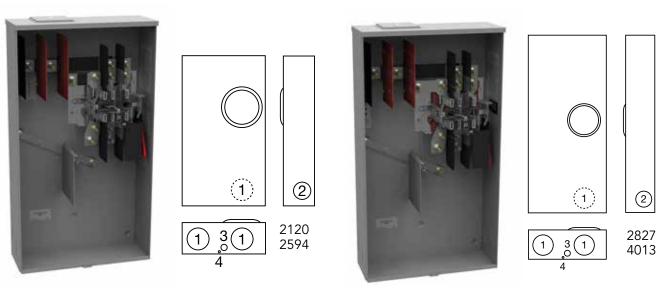
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320 Amp | 7 Terminal | Ringless



U2120-X

U2827-X

| 220 Amn | 7 Terminal  | Dinglass |              | Single Pesition | Sida Wiroway |
|---------|-------------|----------|--------------|-----------------|--------------|
| 320 Amp | i i erminai | Ringless | Lever bypass | Single Position | Side wireway |

| Catalog  | Terminal | Comilas | Link | Connecto                   | rs CU/AL | Dumana     | Dir  | nensi        | ons   |   | Knoc | kouts | \$  |
|----------|----------|---------|------|----------------------------|----------|------------|------|--------------|-------|---|------|-------|-----|
| Number   | Terminal | Service | Πub  | Line                       | Load     | Bypass     | D"   | W"           | Η"    | 1 | 2    | 3     | 4   |
| U4013-X  | 7        | OH/UG   | C.P. | ³⁄%"x16                    | Studs    | Lever      | 61⁄2 | 19           | 341⁄8 | 4 | 3    | 1     | 1⁄4 |
| U2594-X  | 7        | OH/UG   | C.P. | ¾"x16 Studs<br>¾"x16 Studs |          | Lever      | 61⁄2 | 1 <b>9</b> ¾ | 341⁄8 | 4 | 3    | 1     | 1⁄4 |
| U2827-X* | 7        | OH/UG   | C.P. | ³⁄8"x16                    | Studs    | non-bypass | 61⁄2 | 17¾          | 31    | 4 | 3    | 1     | 1⁄4 |
| U2120-X  | 7        | UG      | C.P. | ³⁄%"x16                    | Studs    | Lever      | 61⁄2 | 17¾          | 31¾   | 4 | 3    | 1     | 1⁄4 |

#### Notes

• Bypass: Lever supplies clamping action on meter spades and operates bypass device.

**\*U2827** has lever with jaw clamping capabilities but no bypass.

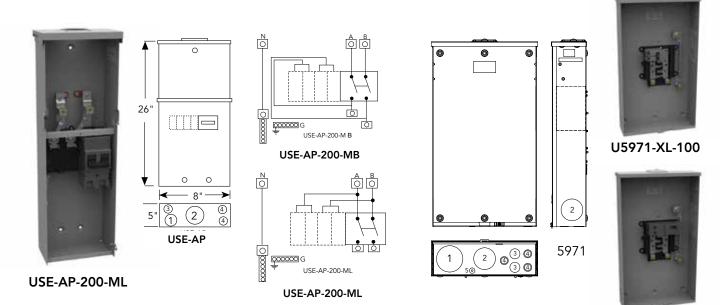
• Connector Kits: Stud type units are supplied with <sup>3</sup>/<sub>4</sub>"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. For single lug connector kits for the U2120 and U2594 units, order as extra K3082 (350 kcmil) or K3441 (600 kcmil). For twin lug connectors order as extra: K3442 (350 kcmil). Separate kits are required for both line and load.



### Service Entrance

100-200 Amp | 4 Terminal | Main Breaker

#### 23 SERVICE ENTRANCE



#### 200 Amp | Breaker Enclosure | 1Ø3W | 120/240 Volt | 10K AIC Rating

Connectors CU/AL **Dimensions Knockouts** Catalog Terminal Service Hub Number W" Н" 2 Line Load D" 1 3 4 USE-AP-200-MB 4 2" #4-250 8 2 3/4 OH #4-250 5 26 1 3/4 USE-AP-200-ML 2" 4 OH #4-250 #4-250 5 8 26 1 2 3/4 3⁄4

#### Notes

- USE-AP-200-MB: 200 amp main wired in series with plug-in style bus. UQFP-M-200 factory installed. Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one pole breakers. One 2" hub included.
- USE-AP-200-ML: 200 amp main wired in series with plug-in style bus. UQFP-200 factory installed.Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one pole breakers. One 2" hub included.

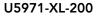
| Catalog Number | Main Breaker | Branch   | Service | Hub  | Di | mensi | ons                 |   | Kn   | iockoi | uts     |         |
|----------------|--------------|----------|---------|------|----|-------|---------------------|---|------|--------|---------|---------|
|                | Amp          | Circuits | Service | пub  | D" | W"    | H"                  | 1 | 2    | 3      | 4       | 5       |
| U5971-XL-100   | 100          | 10       | OH/UG   | C.P. | 4½ | 141/8 | 251/16              | 3 | 21/2 | 1      | 1/2,3/4 | 1/4,1/2 |
| U5971-XL-200   | 200          | 8        | OH/UG   | C.P. | 4½ | 141/8 | 25 <sup>1</sup> ⁄16 | 3 | 21/2 | 1      | 1/2,3/4 | 1/4,1/2 |

#### 100-200 Amp | Load Center with Main Breaker | 120/240V

#### **Notes**

- AIC Rating: 22K AIC rating.
- Line Terminals: As specified on circuit breaker (300 kcmil max).
- Load Terminals: As specified on circuit breakers (#1 AWG max).
- Breaker Interlock: Order K5815 for 200A or 150A to 100A breakers (large frame to small frame). Order K5820 for 200A or 150A to 200A or 150A breakers (large frame to large frame). Order K5830 for 100A to 100A (small frame to small frame).

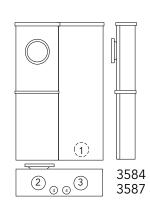


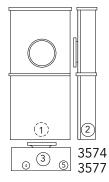


### **Meter Mains**

200 Amp | 4 & 7 Terminal | Ring Type







U3574-RL-200

#### 200 Amp | 4 Terminal | Ring Type | 240 Volt

| Catalog      | Terminal | Service | Breaker | Connecto | ors CU/AL | Din  | nensi | ons |   |   | Knoc | kouts | ;   |   |
|--------------|----------|---------|---------|----------|-----------|------|-------|-----|---|---|------|-------|-----|---|
| Number       | Terminal | Service | Dreaker | Line     | Load      | D"   | W"    | H"  | 1 | 2 | 3    | 4     | 5   | 6 |
| U3574-RL-200 | 4        | ОН      | 200A-2P | #2-350   | #3-300    | 41⁄8 | 8     | 30  | 2 | 2 | 21/2 | 1⁄4   | 1/2 | — |
| U3584-O-200  | 4        | UG      | 200A-2P | #6-350   | #3-300    | 5½   | 141/8 | 26  | 3 | 3 | 3    | 1/2   | _   | — |

#### 200 Amp | 7 Terminal | Ring Type | 240 Volt

| Catalog      | Townsings | Comilao | Ducoluon | Connecto | ors CU/AL | Din  | nensio | ons |   |   | Knoc | kouts |     |   |
|--------------|-----------|---------|----------|----------|-----------|------|--------|-----|---|---|------|-------|-----|---|
| Number       | Terminal  | Service | Breaker  | Line     | Load      | D"   | W"     | Н"  | 1 | 2 | 3    | 4     | 5   | 6 |
| U3577-RL-200 | 7         | OH      | 200A-3P  | #2-350   | #3-300    | 41/8 | 10     | 34  | 2 | 2 | 21/2 | 1⁄4   | 1/2 | _ |
| U3587-O-200  | 7         | UG      | 200A-3P  | #6-350   | #3-300    | 5½   | 141/8  | 26  | 3 | 3 | 3    | 1/2   | _   |   |

#### Notes

• Breakers: Units are supplied with bolt-on 200 amp circuit breakers where specified above.

• Sealing Rings: Units are supplied with an MR-4 screw type sealing ring.

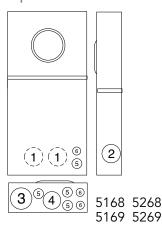


### **Meter Main with Load Center**

100–200 Amp | 4 & 5 Terminal | Ringless & Ring Type

25







#### Generator Interlock



**K5820** - large frame QN with large frame QN **K5830** - small frame Q to small frame Q

U5168-XTL-200

#### U5268-XTL-200-KK

#### 100-200 Amp | Meter Mains | 120/240 Volts | 1Ø3W | Overhead/Underground

| Catalog              | - · ·    | •   | <i>c</i> : |      | Connectors |        |      | nensi | ons |   |   | Knoc | kouts | ; |     |
|----------------------|----------|-----|------------|------|------------|--------|------|-------|-----|---|---|------|-------|---|-----|
| Number               | Terminal | Amp | Circuits   | нир  | Line       | Bypass | D"   | W"    | Н"  | 1 | 2 | 3    | 4     | 5 | 6   |
| U5168-XTL-100*       | 4        | 100 | 10         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150*       | 4        | 150 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-200*       | 4        | 200 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-100-KK*    | 4        | 100 | 10         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150-KK*    | 4        | 150 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-200-KK*    | 4        | 200 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-100-KK-5T* | 5        | 100 | 10         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5168-XTL-150-KK-5T* | 5        | 150 | 8          | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-100        | 4        | 100 | 10         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-150        | 4        | 150 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5169-XTL-200        | 4        | 200 | 8          | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-150*       | 4        | 150 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-200*       | 4        | 200 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-150-KK*    | 4        | 150 | 20         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5268-XTL-200-KK*    | 4        | 200 | 20         | C.P. | #6-350     | Horn   | 41⁄2 | 141⁄8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |
| U5269-XTL-200        | 4        | 200 | 20         | C.P. | #6-350     | None   | 41⁄2 | 141/8 | 32  | 2 | 2 | 3    | 21/2  | 1 | 3⁄4 |

#### **Notes**

• Hubs: Supplied with (2) closing plates packed inside. Order hubs as a separate item. See accessory page for hub options.

• Interior: U5168 units have 8-circuit interior; U5268 units have 20-circuit interior

- Fifth Terminal: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- Branch Breakers: Series rated 22K AIC with Milbank QNR2200H main installed.
- Interlock Kit: For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN; order K5830 for small frame Q with small frame Q.
- Sub-Feed Lugs: #6-350 kcmil sub-feed lugs provided on 8 and 10 circuit interior. Not available on 20 circuit interior.
- Amp rating limited to main breaker rating.

\* Ringless

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### Heavy Duty Lever Bypass Meter Mains

320 Amp | 4 Terminal | Ringless







U4031-O-2/200

U5059-X-2/200

#### 320 Amp | 4 Terminal | Ringless | 1Ø3W | 22K AIC Rating

(1)

3,3,3

| Catalog                    | Townsing | Service | Primary                           | Secondary                         | Durana | Dir  | nensio | ons |      | Kn   | ocko | uts |     |
|----------------------------|----------|---------|-----------------------------------|-----------------------------------|--------|------|--------|-----|------|------|------|-----|-----|
| Number                     | Terminal | Service | Disconnect                        | Disconnect                        | Bypass | D"   | W"     | Н"  | 1    | 2    | 3    | 4   | 5   |
| U5759-X-2/200*2            | 4        | OH/UG   | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | None   | 41⁄8 | 15     | 42  | 21⁄2 | 21/2 | 3    | 1⁄4 | 1/2 |
| U5059-X-2/200 <sup>2</sup> | 4        | OH/UG   | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Lever  | 41/8 | 15     | 42  | 21/2 | 21/2 | 3    | 1⁄4 | 1/2 |
| U4031-O-2/200 <sup>2</sup> | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Lever  | 5¾   | 25     | 30  | 3    | 3    | 4    | 3   | 1/2 |
| M400-PAR-UG**1             | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | Lever  | 61/8 | 221/8  | 36  | 2    | 2    | 4    | 2   | 3⁄4 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC Standard.
- Bypass: Lever supplies clamping action and operates bypass device.
- Fifth Terminal: For field installed fifth terminal for the U5059 & U5759, order separately catalog number K3866.
- Conversion Kit: To field convert M400 UG units to OH, order K4787-F. Includes connectors (#2-600).
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify UQFPH-100, 125, 150, 175 or 200.
- <sup>2</sup> Line Side Connector Kits: Two 1/2" studs per phase on 1-3/4" centers. Factory installed for the U5759, for the U5059 order anti-rotation connector kit K1540L to accommodate #4-600 kcmil single or K1350L for twin 350 kcmil connectors.
- \* Lever supplies clamping action only-does NOT operate bypass on the U5759.
- \*\* Lug Kit: Mechanical lug kit available for M400-APS-UG, order K4920 (#2-500).



### Meter Main with Split Load

320 Amp | 4 Terminal | Ring Type





M400-APS-BS

| 320 Amp | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 Volt |
|---------|------------|-----------|------|---------|--------------|
| •=• /p  |            |           |      |         |              |

| Catalog     | Terminal | Service | Primary                           | Secondary             | Pupper | Dir  | nensi      | ons   |      |      | Knoc | kouts |     |                    |
|-------------|----------|---------|-----------------------------------|-----------------------|--------|------|------------|-------|------|------|------|-------|-----|--------------------|
| Number      | Terminar | Service | Disconnect                        | Disconnect            | Bypass | D"   | W"         | H"    | 1    | 2    | 3    | 4     | 5   | 6                  |
| M400-APS    | 4        | ОН      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup> | None   | 61/8 | <b>9</b> ½ | 471⁄8 | 2    | 2    | 2    | 1½    | 3⁄4 | —                  |
| M400-APS-BS | 4        | ОН      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup> | Link   | 6    | 11½        | 47    | 21/2 | 21/2 | 3    | 3     | 3⁄4 | $\left  - \right $ |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory Installed.
- Line Side Connectors: Connectors provided for 4-600 or twin 1/0-250.
- Overhead: Overhead units include one 3" hub.
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



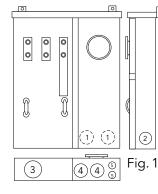
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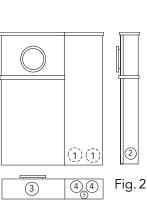


### Meter Main with Split Load

320 Amp | 4 Terminal | Ring Type









U3251-O-200-CB

M400-UG-APS-F

320 Amp | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 VAC

| Catalog                        | Terminal | Somilar | Primary                           | Secondary                         | Dunasa | Dir  | nensi | ons    |      | Kn | ocko | uts  |     | Ein  |
|--------------------------------|----------|---------|-----------------------------------|-----------------------------------|--------|------|-------|--------|------|----|------|------|-----|------|
| Number                         | Terminal | Service | Disconnect                        | Disconnect                        | Bypass | D"   | W"    | H"     | 1    | 2  | 3    | 4    | 5   | Fig. |
| M400-UG-APS-F <sup>1</sup>     | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | None   | 61/8 | 221/8 | 36     | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-F-BS <sup>1</sup>  | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | See Note <sup>1</sup>             | Link   | 6    | 29    | 417/16 | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-P <sup>2</sup>     | 4        | UG      | 200 Amp<br>2 Pole–T-Fuse          | 200 Amp<br>2 Pole–T-Fuse          | None   | 61/8 | 221/8 | 36     | 2    | 2  | 4    | 2    | 3⁄4 | 1    |
| M400-UG-APS-LC <sup>4</sup>    | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | None   | 6    | 29    | 417⁄16 | 21⁄2 | 1  | 4    | 21/2 | 3⁄4 | 2    |
| M400-UG-APS-LC-BS <sup>4</sup> | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Link   | 6    | 29    | 417⁄16 | 21⁄2 | 1  | 4    | 21/2 | 3⁄4 | 2    |
| U3251-O-200-CB <sup>3</sup>    | 4        | UG      | 200 Amp/2 Pole<br>Circuit Breaker | 200 Amp/2 Pole<br>Circuit Breaker | Link   | 6¾   | 24    | 40¼    | 3    | 3  | 4    | 3    | 7/8 | 2    |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- EUSERC: Meets EUSERC requirements. Consult local utility for acceptability before ordering or installing.
- Neutral: Bonded neutral and ground factory Installed.
- Line Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Load Side Connectors: 1/0-300
- Flush Mount: Flush mount kit included with M400-UG-APS-F, M400-UG-APS-FBS, M400-UG-APS-LC and M400-UG-APS-LC-BS. Available for other underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC standard, 200k aic standard on T-fuse models.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Conversion Kit: To field convert M400 UG units to OH, order K4787-F.
- <sup>1</sup> 200 amp primary disconnect factory installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**.
- <sup>2</sup> Two 200 amp T-fuse pull-outs factory installed as primary and secondary disconnects.
- <sup>3</sup> Two 200 amp 2-pole bolt-on **UQFBH** main breakers factory installed.
- <sup>4</sup> **Breakers:** Two 200 amp 2-pole main breakers factory installed, and semi-flush flange kit packed inside meter section. Universal Copper 24/40 Circuit interior accepts Challenger, GE, Murrary, Siemens/ITE, and Cutler-Hammer/Westinghouse universal type plug-in branch circuit breakers.



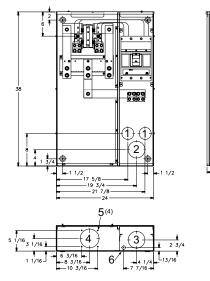
### **Meter Main Combination**

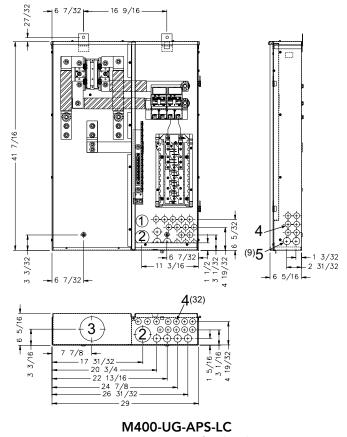
320 Amp | 4 Terminal | Ring Type





M401-UG





(see previous page for details)

#### 320 Amp Main Breaker | 4 Terminal | Ring Type | 1Ø3W | Type 3R | 120/240 Volt

œ

œ

| Catalog    | Torminal | Service | Main                          | Dunasa | Connecto | ors CU/AL | Dir | nensi | ons |      |      | Knoc | kouts | ;   |     |
|------------|----------|---------|-------------------------------|--------|----------|-----------|-----|-------|-----|------|------|------|-------|-----|-----|
| Number     | Terminal | Service | Disconnect                    | Bypass | Line     | Load      | D"  | W"    | H"  | 1    | 2    | 3    | 4     | 5   | 6   |
| M401-UG    | 4        | UG      | (1) 400 Amp<br>2 Pole Breaker | None   | Studs    | C.B.*     | 6   | 24    | 38  | 21/2 | 31⁄2 | 31⁄2 | 4     | 1⁄4 | 1/2 |
| M401-UG-BS | 4        | UG      | (1) 400 Amp<br>2 Pole Breaker | Link   | Studs    | C.B.*     | 6   | 24    | 38  | 21/2 | 31⁄2 | 31⁄2 | 4     | 1⁄4 | 1/2 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Load Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short Circuit Current Withstand Rating: 22K AIC standard.
- \* C.B. load side (1) or (2) copper conductors 3/0-500, (2) aluminum conductors 4/0-500 or (1) aluminum conductor 250-500.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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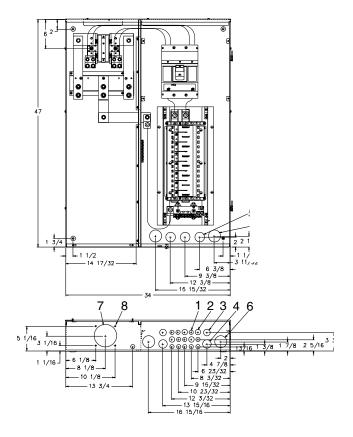


### **Meter Main Combination**

320 Amp | 4 Terminal | Ring Type



|   | Knockouts |
|---|-----------|
| 3 = (4)  4 = (2)  5 = (3)  6 = (4)  7 = (1) | 1/2, 3/4" |



#### 320 Amp Main With Circuit Load Center | 4 Terminal | Ring Type | 1Ø3W | 120/240 Volt

| Catalog        | Terretinel | Comico  | Primary                   | Secondary               | Durana | Din | nensi | ons |     |     |   | Knoc | kouts | ; |   |     |
|----------------|------------|---------|---------------------------|-------------------------|--------|-----|-------|-----|-----|-----|---|------|-------|---|---|-----|
| Number         | Terminal   | Service | Disconnect                | Secondary<br>Disconnect | Bypass | D"  | W"    | Η"  | 1   | 2   | 3 | 4    | 5     | 6 | 7 | 8   |
| M404-UG-LC*    | 4          | UG      | 400 Amp<br>2 Pole Breaker | NA                      | None   | 6   | 34    | 47  | 1/2 | 3⁄4 | 1 | 1¼   | 1½    | 2 | 4 | 1⁄4 |
| M404-UG-LC-BS* | 4          | UG      | 400 Amp<br>2 Pole Breaker | NA                      | Link   | 6   | 34    | 47  | 1/2 | 3⁄4 | 1 | 1¼   | 1½    | 2 | 4 | 1⁄4 |

#### Notes

- Amperage Rating: 400 amp, 320 amp continuous.
- Neutral: Bonded neutral and ground factory installed.
- Line Side Connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Flush Mount: Flush mounting available on underground units. Order catalog number FK-M404-UGLC separately.
- Short Circuit Current Withstand Rating: 22K AIC standard.
- Lug Kit: Mechanical lug kit available, order K4920 (#2-500).
- Branch Breakers: Use Siemens, Cutler-Hammer, GE or Siemens/Murray breakers to maintain 22K rating.
- \* Includes a 30-circuit load center.



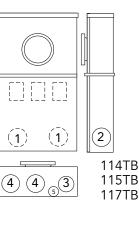
### Test Block Bypass/Safety Sockets

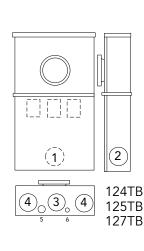
100 & 200 Amp | 4, 5 & 7 Terminal | Ring Type













127TB

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 600 Volt Self-Contained | Socket Only

| Catalog | Townsing | Comico  | Type of | Connectors CU/AL | Din  | nensi | ons |   |   | Knocl | kouts | ;   |   |
|---------|----------|---------|---------|------------------|------|-------|-----|---|---|-------|-------|-----|---|
| Number  | Terminal | Service | Service | Line & Load      | D"   | W"    | Η"  | 1 | 2 | 3     | 4     | 5   | 6 |
| 114TB*  | 4        | OH/UG   | 1Ø3W*   | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 1½    | 2     | 1/2 | — |
| 115TB   | 5        | OH/UG   | 3Ø3W    | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 11⁄2  | 2     | 1⁄2 | — |
| 117TB   | 7        | OH/UG   | 3Ø4W    | #6-1/0           | 45⁄8 | 12    | 25  | 2 | 2 | 11/2  | 2     | 1/2 | — |

#### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 600 Volt Self-Contained | Socket Only

| Catalog | Terminal | Service | Type of | Connectors CU/AL | Dir | nensi | ons |      |      | Knoc | kouts | ;   |          |
|---------|----------|---------|---------|------------------|-----|-------|-----|------|------|------|-------|-----|----------|
| Number  | Terminal | Service | Service | Line & Load      | D"  | W"    | Η"  | 1    | 2    | 3    | 4     | 5   | 6        |
| 124TB*  | 4        | OH/UG   | 1Ø3W*   | #1/0-250         | 6   | 14    | 30  | 21/2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |
| 125TB   | 5        | OH/UG   | 3Ø3W    | #1/0-250         | 6   | 14    | 30  | 21/2 | 21⁄2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |
| 127TB   | 7        | OH/UG   | 3Ø4W    | #1/0-250         | 6   | 14    | 30  | 21/2 | 21/2 | 3    | 3     | 1⁄4 | 1/2, 1/4 |

#### Notes

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

• Ring Protector: Add suffix -RP to catalog number for factory installed ring protector (ex. 117TB becomes 117TB-RP).

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

### SHORT CIRCUIT CURRENT WITHSTAND RATING UP TO 200K AIC DEPENDING ON OVERCURRENT PROTECTION DEVICE USED

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

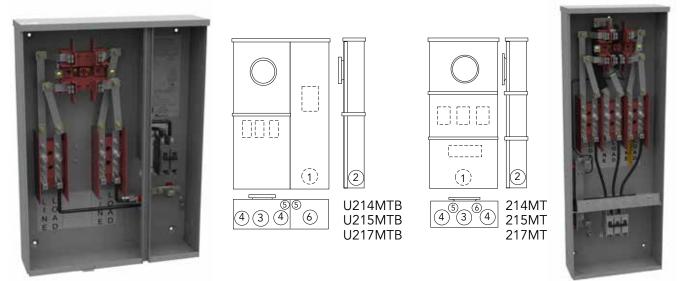


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### Test Block Bypass/MTB Series

100 Amp | 4, 5 & 7 Terminal | Ring Type | 10K AIC



**U214MTB** 

217MTB

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | Circuit Breaker

| Catalog  | Terminal | Service | Type of | Connecto | ors CU/AL | Din  | nensi | ons |   |   | Knoc | kouts |     |      |
|----------|----------|---------|---------|----------|-----------|------|-------|-----|---|---|------|-------|-----|------|
| Number   | Terminal | Service | Service | Line     | Load      | D"   | W"    | Η"  | 1 | 2 | 3    | 4     | 5   | 6    |
| 214MTB*  | 4        | ОН      | 1Ø3W*   | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | _   | 1/2  |
| 215MTB   | 5        | ОН      | 3Ø3W    | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | —   | 1/2  |
| 217MTB   | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2    | 11/2  | _   | 1/2  |
| U214MTB* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2 | 2 | 21/2 | 1½    | 3⁄4 | 1½   |
| U215MTB  | 5        | OH/UG   | 3Ø3W    | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2 | 2 | 21/2 | 11/2  | 3⁄4 | 11/2 |
| U217MTB  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 41%  | 18    | 25  | 2 | 2 | 21/2 | 1½    | 3⁄4 | 1½   |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

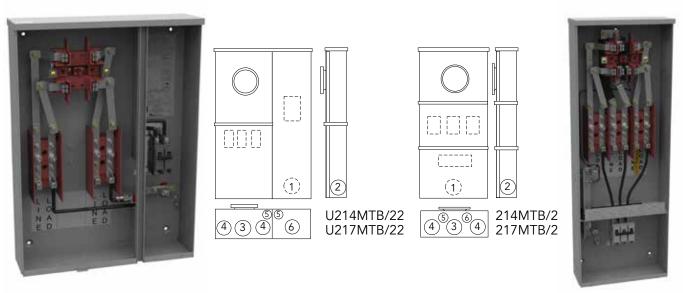
\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



### Test Block Bypass/MTB Series

100 Amp | 4 & 7 Terminal | Ring Type | 22K AIC



U214MTB/22

217MTB/22

EST BLOCK

| 100 Amp   4 & 7 Terminal   Ring Type   240 Volt Self-Contained   Circuit Breaker |          |         |         |          |           |      |       |     |   |   |                                      |       |     |      |
|--|----------|---------|---------|----------|-----------|------|-------|-----|---|---|--------------------------------------|-------|-----|------|
| Catalog  | Terminal | Service | Type of | Connecto | ors CU/AL | Din  | nensi | ons |   |   | Knoc                                 | kouts |     |      |
| Number   | Terminal | Service | Service | Line     | Load      | D"   | W"    | H"  | 1 | 2 | 3                                    | 4     | 5   | 6    |
| 214MTB/22*   | 4        | ОН      | 1Ø3W*   | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2                                    | 1½    | —   | 1/2  |
| 217MTB/22  | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 45⁄8 | 12    | 34  | 2 | 2 | 2                                    | 1½    | _   | 1⁄2  |
| U214MTB/22*  | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 41%  | 18    | 25  | 2 | 2 | <b>2</b> <sup>1</sup> / <sub>2</sub> | 1½    | 3⁄4 | 1½   |
| U217MTB/22   | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2 | 2 | 21/2                                 | 1½    | 3⁄4 | 11/2 |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

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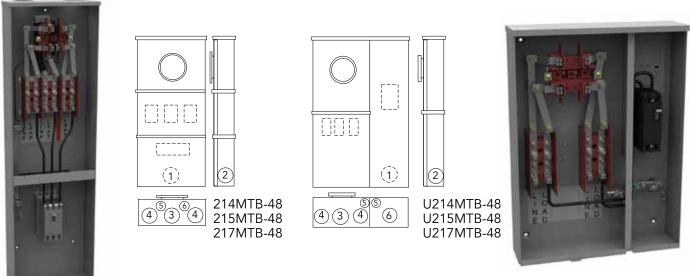


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34 IDD AMP TEST BLOCK BYPASS 10(

### **Test Block Bypass/MTB Series**

BYPASS 100 Amp | 4, 5 & 7 Terminal | Ring Type | 14K AIC | 480 Volt



217MTB-48

U214MTB-48

| Catalog     | Terminal | Service | Type of | Connecto | ors CU/AL | Din  | nensi | ons |                          |      | Knoc       | kouts | ;        |     |
|-------------|----------|---------|---------|----------|-----------|------|-------|-----|--------------------------|------|------------|-------|----------|-----|
| Number      | Terminal | Service | Service | Line     | Load      | D"   | W"    | H"  | 1                        | 2    | 3          | 4     | 5        | 6   |
| 214MTB-48*  | 4        | ОН      | 1Ø3W*   | #6-2/0   | #14-1/0   | 6    | 14    | 48  | <b>21</b> / <sub>2</sub> | 21/2 | 3          | 3     | 1⁄4      | 1/2 |
| 215MTB-48   | 5        | ОН      | 3Ø3W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2                     | 21/2 | 3          | 3     | 1⁄4      | 1/2 |
| 217MTB-48   | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2                     | 21⁄2 | 3          | 3     | 1⁄4      | 1/2 |
| U214MTB-48* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2                        | 2    | <b>2</b> ½ | 1½    | 1/2 ,3/4 | 1½  |
| U217MTB-48  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 4%   | 18    | 25  | 2                        | 2    | 21⁄2       | 1½    | 1⁄2 ,3⁄4 | 1½  |

#### **Notes**

- Replacement Main Disconnects: For replacement main disconnect see pages 42-43.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

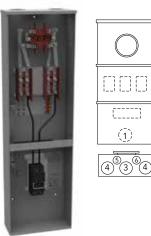
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

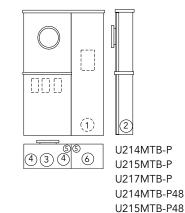


### Test Block Bypass/MTB-P& MTB-P48 Series



100 Amp | 4, 5 & 7 Terminal | Ring Type | 200K AIC





U217MTB-P48



U217MTB-P

214MTB-P

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | T-Fuse Pullout

214MTB-P

215MTB-P

217MTB-P

214MTB-P48

215MTB-P48

217MTB-P48

| Catalog    | Torminal | rminal Sonvico |         | Terminal Service Ty |         | Terminal Service |    | Connecto | ors CU/AL  | Dir  | nensi | ons |                                  |     | Knoc | kouts | 5 |  |
|------------|----------|----------------|---------|---------------------|---------|------------------|----|----------|------------|------|-------|-----|----------------------------------|-----|------|-------|---|--|
| Number     | Terminal | Service        | Service | Line                | Load    | D"               | W" | Η"       | 1          | 2    | 3     | 4   | 5                                | 6   |      |       |   |  |
| 214MTB-P*  | 4        | ОН             | 1Ø3W*   | #1/0-250            | #14-1/0 | 6                | 14 | 48       | <b>2</b> ½ | 21/2 | 3     | 3   | 1⁄4                              | 1/2 |      |       |   |  |
| 215MTB-P   | 5        | ОН             | 3Ø3W    | #1/0-250            | #14-1/0 | 6                | 14 | 48       | <b>2</b> ½ | 21/2 | 3     | 3   | 1⁄4                              | 1/2 |      |       |   |  |
| 217MTB-P   | 7        | ОН             | 3Ø4W    | #1/0-250            | #14-1/0 | 6                | 14 | 48       | <b>2</b> ½ | 21/2 | 3     | 3   | 1⁄4                              | 1/2 |      |       |   |  |
| U214MTB-P* | 4        | OH/UG          | 1Ø3W*   | #6-2/0              | #14-1/0 | 45/8             | 18 | 25       | 2          | 2    | 21/2  | 1½  | 1/2, 3/4                         | 1½  |      |       |   |  |
| U215MTB-P  | 5        | OH/UG          | 3Ø3W    | #6-2/0              | #14-1/0 | 45/8             | 18 | 25       | 2          | 2    | 21/2  | 1½  | 1/2, 3/4                         | 1½  |      |       |   |  |
| U217MTB-P  | 7        | OH/UG          | 3Ø4W    | #6-2/0              | #14-1/0 | 4%               | 18 | 25       | 2          | 2    | 21/2  | 1½  | <sup>1</sup> /2, <sup>3</sup> /4 | 1½  |      |       |   |  |

#### 100 Amp | 4, 5 & 7 Terminal | Ring Type | 480 Volt Self-Contained | T-Fuse Pullout

| Catalog      | Townsing | Service | Type of | Connecto | ors CU/AL | Dir  | nensi | ons |      |      | Knoc | kouts | ;        |     |
|--------------|----------|---------|---------|----------|-----------|------|-------|-----|------|------|------|-------|----------|-----|
| Number       | Terminal | Service | Service | Line     | Load      | D"   | W"    | H"  | 1    | 2    | 3    | 4     | 5        | 6   |
| 214MTB-P48*  | 4        | OH      | 1Ø3W*   | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21⁄2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| 215MTB-P48   | 5        | ОН      | 3Ø3W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| 217MTB-P48   | 7        | ОН      | 3Ø4W    | #6-2/0   | #14-1/0   | 6    | 14    | 48  | 21/2 | 21/2 | 3    | 3     | 1⁄4      | 1/2 |
| U214MTB-P48* | 4        | OH/UG   | 1Ø3W*   | #6-2/0   | #14-1/0   | 45/8 | 18    | 25  | 2    | 2    | 21/2 | 11/2  | 1/2, 3/4 | 1½  |
| U215MTB-P48  | 5        | OH/UG   | 3Ø3W    | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2    | 2    | 21/2 | 1½    | 1/2, 3/4 | 1½  |
| U217MTB-P48  | 7        | OH/UG   | 3Ø4W    | #6-2/0   | #14-1/0   | 45⁄8 | 18    | 25  | 2    | 2    | 21/2 | 1½    | 1/2, 3/4 | 1½  |

#### **Notes**

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

#### These UL listed products are for use in areas requiring

Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

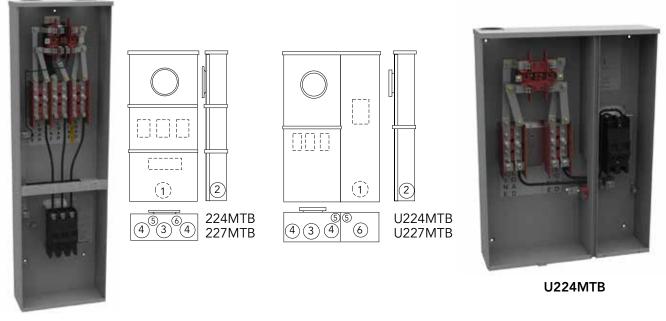


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### **Test Block Bypass/MTB Series**

200 Amp | 4, 5 & 7 Terminal | Ring Type | 10K AIC



227MTB

| Catalog  | Terretinal | Comilaa | Type of | Connecto | ors CU/AL | Dir | nensi | ons |            |                                      | Knoc       | kouts | ;       |      |
|----------|------------|---------|---------|----------|-----------|-----|-------|-----|------------|--------------------------------------|------------|-------|---------|------|
| Number   | Terminal   | Service | Service | Line     | Load      | D"  | W"    | H"  | 1          | 2                                    | 3          | 4     | 5       | 6    |
| 224MTB*  | 4          | ОН      | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 14    | 48  | <b>2</b> ½ | <b>2</b> ½                           | 3          | 3     | 1/2     | 1⁄4  |
| 227MTB   | 7          | ОН      | 3Ø4W    | #6-250   | #2/0-250  | 6   | 14    | 48  | 21/2       | 21/2                                 | 3          | 3     | 1/2     | 1⁄4  |
| U224MTB* | 4          | OH/UG   | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | <b>2</b> ½ | <b>2</b> <sup>1</sup> / <sub>2</sub> | <b>2</b> ½ | 1½    | 1/2,3/4 | 1½   |
| U227MTB  | 7          | OH/UG   | 3Ø4W    | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2       | 21/2                                 | <b>2</b> ½ | 1½    | 1/2,3/4 | 11/2 |

#### **Notes**

- Replacement Main Disconnects: For replacement main disconnect see pages 42-43.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.
- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

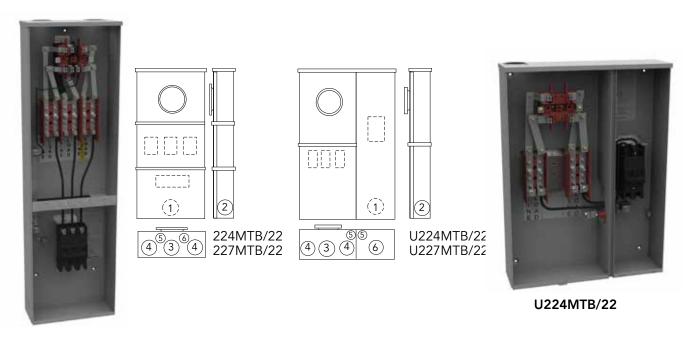
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



# Test Block Bypass/MTB Series

200 AMP TEST BLOCK BYPASS

200 Amp | 4 & 7 Terminal | Ring Type | 22K AIC



227MTB/22

| 200 Amp   4 & 7 Terminal | Ring Type | 240 Volt Self-Contained | Circuit Breaker |
|--------------------------|-----------|-------------------------|-----------------|
|--------------------------|-----------|-------------------------|-----------------|

| Catalog     | Torminal | Terminal Service Type of Connectors CU/AL Dimensions |         |        |          | Knockouts |       |    |      |                          |      |    |          |      |
|-------------|----------|--|---------|--------|----------|-----------|-------|----|------|--------------------------|------|----|----------|------|
| Number      | Terminal | Service  | Service | Line   | Load     | D"        | W"    | H  | 1    | 2                        | 3    | 4  | 5        | 6    |
| 224MTB/22*  | 4        | ОН   | 1Ø3W*   | #6-250 | #2/0-250 | 6         | 14    | 48 | 21⁄2 | 21/2                     | 3    | 3  | 1/2      | 1⁄4  |
| 227MTB/22   | 7        | ОН   | 3Ø4W    | #6-250 | #2/0-250 | 6         | 14    | 48 | 21⁄2 | <b>21</b> / <sub>2</sub> | 3    | 3  | 1/2      | 1⁄4  |
| U224MTB/22* | 4        | OH/UG  | 1Ø3W*   | #6-250 | #2/0-250 | 6         | 223⁄4 | 30 | 21/2 | 21/2                     | 21/2 | 1½ | 1/2 ,3/4 | 11/2 |
| U227MTB/22  | 7        | OH/UG  | 3Ø4W    | #6-250 | #2/0-250 | 6         | 223⁄4 | 30 | 21/2 | 21/2                     | 21/2 | 1½ | 1/2 ,3/4 | 1½   |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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#### BYPASS 200 Amp | 4 & 7 Terminal | Ring Type | 35K AIC | 480 Volt $(\overline{1})$ $(\overline{1})$ 2 (2)224MTB-48 55 U224MTB-48 $(4)^{(5)}(3)^{(6)}(4)$ (4)(3) $(\tilde{4})$ (6) 227MTB-48 U227MTB-48 U224MTB-48

Test Block Bypass/MTB Series

| 200 Amp   4 & 7 Terminal   Ring Type   480 Volt Self-Contained   Circuit Breaker | 200 Amp   4 & 7 Terminal | Ring Type | 480 Volt Self-Contained | Circuit Breaker |
|--|--------------------------|-----------|-------------------------|-----------------|
|--|--------------------------|-----------|-------------------------|-----------------|

| Catalog    | Terminal | Service | Type of | Connecto | ors CU/AL | Dir | nensi | ons |                          |      | Knoc | kouts | 5       |     |
|------------|----------|---------|---------|----------|-----------|-----|-------|-----|--------------------------|------|------|-------|---------|-----|
| Number     | Terminal | Service | Service | Line     | Load      | D"  | W"    | Η"  | 1                        | 2    | 3    | 4     | 5       | 6   |
| 224MTB-48* | 4        | ОН      | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21⁄2 | 3    | 21⁄2  | 1/2     | 1⁄4 |
| U224MTB-48 | 4        | OH/UG   | 1Ø3W*   | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21/2 | 3    | 21/2  | 1/2     | 1⁄4 |
| 227MTB-48  | 7        | ОН      | 3Ø4W    | #6-250   | #2/0-250  | 6   | 14    | 48  | <b>21</b> / <sub>2</sub> | 21/2 | 3    | 3     | 1/2     | 1⁄4 |
| U227MTB-48 | 7        | OH/UG   | 3Ø4W    | #6-250   | #2/0-250  | 6   | 223⁄4 | 30  | 21/2                     | 21/2 | 21/2 | 1½    | 1/2,3/4 | 1½  |

#### Notes

227MTB-48

200 AMP

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

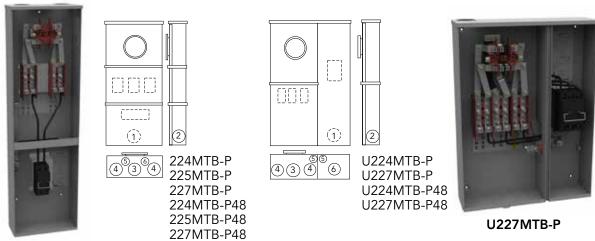
• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.



### Test Block Bypass/MTB-P& MTB-P48

200 Amp | Ring Type | 200K AIC



224MTB-P

#### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 240 Volt Self-Contained | T-Fuse Pullout

| Catalog    | Terminal Service |         | Type of | Connectors CU/AL |          | Dimensions |       |    | Knockouts                |      |   |      |   |      |
|------------|------------------|---------|---------|------------------|----------|------------|-------|----|--------------------------|------|---|------|---|------|
| Number     | Terminal         | Service | Service | Line             | Load     | D"         | W"    | H  | 1                        | 2    | 3 | 4    | 5   | 6    |
| 224MTB-P*  | 4                | ОН      | 1Ø3W*   | #6-250           | #1/0-250 | 6          | 14    | 48 | <b>21</b> / <sub>2</sub> | 21⁄2 | 3 | 3    | 1⁄4   | 1/2  |
| 225MTB-P   | 5                | ОН      | 3Ø3W    | #6-250           | #1/0-250 | 6          | 14    | 48 | 21/2                     | 21/2 | 3 | 3    | 1⁄4   | 1/2  |
| 227MTB-P   | 7                | ОН      | 3Ø4W    | #6-250           | #1/0-250 | 6          | 14    | 48 | <b>21</b> / <sub>2</sub> | 21⁄2 | 3 | 3    | 1⁄4   | 1/2  |
| U224MTB-P* | 4                | OH/UG   | 1Ø3W*   | #6-250           | #1/0-250 | 6          | 223⁄4 | 30 | 21/2                     | 21/2 | 3 | 21/2 | <sup>1</sup> / <sub>2 ,</sub> <sup>3</sup> / <sub>4</sub> | 21/2 |
| U227MTB-P  | 7                | OH/UG   | 3Ø4W    | #6-250           | #1/0-250 | 6          | 22¾   | 30 | 21/2                     | 21/2 | 3 | 21/2 | 1/2 , <sup>3</sup> /4                                     | 21⁄2 |

#### 200 Amp | 4, 5 & 7 Terminal | Ring Type | 480 Volt Self-Contained | T-Fuse Pullout

| Catalog      | Terminal | Service | Type of | Connecto | ors CU/AL | Dir | nensi | ons        |                                      |                          | Knoc | kouts | ;        |      |
|--------------|----------|---------|---------|----------|-----------|-----|-------|------------|--------------------------------------|--------------------------|------|-------|----------|------|
| Number       | Terminal | Service | Service | Line     | Load      | D"  | W"    | <b>H</b> " | 1                                    | 2                        | 3    | 4     | 5        | 6    |
| 224MTB-P48*  | 4        | ОН      | 1Ø3W*   | #6-250   | #1/0-250  | 6   | 14    | 48         | <b>2</b> <sup>1</sup> / <sub>2</sub> | <b>21</b> / <sub>2</sub> | 3    | 3     | 1⁄4      | 1/2  |
| 225MTB-P48   | 5        | ОН      | 3Ø3W    | #6-250   | #1/0-250  | 6   | 14    | 48         | <b>21</b> / <sub>2</sub>             | <b>21</b> / <sub>2</sub> | 3    | 3     | 1⁄4      | 1/2  |
| 227MTB-P48   | 7        | ОН      | 3Ø4W    | #6-250   | #1/0-250  | 6   | 14    | 48         | 21/2                                 | 21⁄2                     | 3    | 3     | 1⁄4      | 1/2  |
| U224MTB-P48* | 4        | OH/UG   | 1Ø3W*   | #6-250   | #1/0-250  | 6   | 223⁄4 | 30         | <b>21</b> / <sub>2</sub>             | <b>21</b> / <sub>2</sub> | 3    | 21/2  | 1/2 ,3/4 | 21/2 |
| U227MTB-P48  | 7        | OH/UG   | 3Ø4W    | #6-250   | #1/0-250  | 6   | 223⁄4 | 30         | 21/2                                 | 21⁄2                     | 3    | 21/2  | 1/2 ,3/4 | 21⁄2 |

#### Notes

• Replacement Main Disconnects: For replacement main disconnect see pages 42-43.

• Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plates.

- Sealing Rings: Units furnished with MR-2 snap style sealing rings.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number **105J**. See accessories page.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



TEST BLOCK

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### Test Block Bypass/MTBL

All-In-One Series | 100 & 200 Amp | 10K & 200K AIC



#### U227MTBL

#### 100 & 200 Amp | 240 Volt Meter Main | Circuit Breaker/T-Fuse Pullout

| Catalog    | Deting                                     | No. Internal | Main Circuit Breaker               | Din  | nensi | ons | Bottom  | Back   |
|------------|--|--------------|------------------------------------|------|-------|-----|---|--|
| Number     | Rating                                     | Circuits     | Or Fuse Pullout                    | D"   | W"    | Η"  | Knockouts   | Knockouts                                    |
| U214MTBL*  | 100A,120/240<br>VAC 1Ø3W                   | 12/24        | 100A, 2P, 10K<br>Milbank Q2100     | 45⁄8 | 25    | 24¾ | Utility Section   |  |
| U214MTBPL* | 100A,120/240<br>VAC 1Ø3W                   | 12/24        | 100A, 2P, 200K<br>Boltswitch PT223 | 4%   | 25    | 24¾ | (1) ½"<br>(3) 1¼", 1½", 2", 2½"                           | Customer Section                             |
| U217MTBL   | 100A,<br>240Δ/120;<br>208Y/120 VAC<br>3Ø4W | 18/36        | 100A, 3P, 10K<br>Siemens BQ3100    | 45⁄8 | 25    | 24¾ | (3) 1⁄2", 3⁄4"  | (7) ½"<br>(4) ½", ¾"<br>(1) ¾", 1", 1¼", 1½" |
| U217MTBPL  | 100A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 18/36        | 100A, 3P, 200K<br>Boltswitch PT323 | 45⁄8 | 25    | 24¾ | (1) ½", ¾", 1", 1¼"<br>(2) ¾", 1", 1¼", 1½"               |  |
| U224MTBL*  | 200A,120/240<br>VAC 1Ø3W                   | 20/40        | 200A, 2P, 10K<br>Milbank UQFP-200  | 6    | 27    | 30  | Utility Section<br>(1) ½", ¾"                             |  |
| U224MTBPL* | 200A,120/240<br>VAC 1Ø3W                   | 20/40        | 200A, 2P, 200K<br>Boltswitch PT224 | 6    | 27    | 30  | (2) 1¼", 1½", 2", 2½"<br>(1) 2½", 3"                      | Customer Section                             |
| U227MTBL   | 200A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 24/42        | 200A, 3P, 10K<br>Siemens QJ23B200  | 6    | 27    | 30  | Customer Section<br>(11) ½"                               | (6) ½"<br>(4) ½", ¾"<br>(1) ¾", 1", 1¼", 1½" |
| U227MTBPL  | 200A,<br>240∆/120;<br>208Y/120 VAC<br>3Ø4W | 24/42        | 200A, 3P, 200K<br>Boltswitch PT324 | 6    | 27    | 30  | (2) ½", ¾"<br>(1) ½", ¾", 1", 1¼"<br>(2) ¾", 1", 1¼", 1½" |  |

#### Notes

• Line: Underground or overhead service. Line Lug: 100A, 14-1/0 and 200A 1/0-250.

- Load: Exit below load center only
- Branch Breakers: Single phase units—approved for Siemens/ITE Type Q, Challenger, Cutler-Hammer/Westinghouse, General Electric, Murray. Three phase units—approved for Siemens/ITE Type Q.
- Hubs: OH units use hub up to 2-1/2" (see accessory page). Units provided with closing plate.
- Pull-Outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 208Y/120 applications, order field kit 105J separately and install.

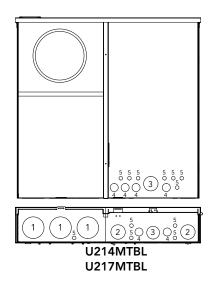


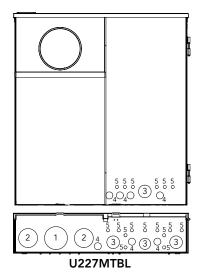
### Test Block Bypass/MTBL

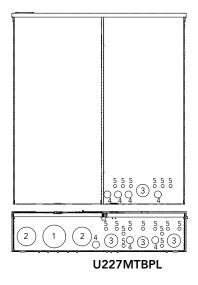
Knockout Information



| Catalog   |      | Knockouts |      |     |     |  |  |  |  |  |
|-----------|------|-----------|------|-----|-----|--|--|--|--|--|
| Number    | 1    | 2         | 3    | 4   | 5   |  |  |  |  |  |
| U214MTBL  | 21/2 | 1½        | 11/4 | 3⁄4 | 1/2 |  |  |  |  |  |
| U217MTBL  | 21/2 | 1½        | 11/4 | 3⁄4 | 1/2 |  |  |  |  |  |
| U227MTBL  | 3    | 21/2      | 11/2 | 3⁄4 | 1/2 |  |  |  |  |  |
| U227MTBPL | 3    | 21/2      | 1½   | 1¼  | 3⁄4 |  |  |  |  |  |









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### Safety Socket Replacement

Circuit Breakers

#### **Replacement Circuit Breakers**

| Replacement circuit breakers |                    |  |  |  |
|------------------------------|--------------------|--|--|--|
| Catalog Number               | Circuit<br>Breaker |  |  |  |
| 214MTB                       | BQ2B100L           |  |  |  |
| 214MTB-48                    | ED42B100           |  |  |  |
| 214MTB/22                    | BQ2B100HL          |  |  |  |
| U214MTB                      | BQ2B100L           |  |  |  |
| U214MTB-48                   | ED42B100           |  |  |  |
| U214MTB/22                   | BQ2B100HL          |  |  |  |
| U214MTBL                     | Q2100              |  |  |  |
|                              |                    |  |  |  |
| 215MTB                       | BQ3B100L           |  |  |  |
| 215MTB-48                    | ED43B100L          |  |  |  |
| U215MTB                      | BQ3B100L           |  |  |  |
| U215MTB-48                   | ED43B100L          |  |  |  |
|                              |                    |  |  |  |
| 217MTB                       | BQ3B100L           |  |  |  |
| 217MTB48                     | ED43B100L          |  |  |  |
| 217MTB/22                    | BQ3B100HL          |  |  |  |
| U217MTB                      | BQ3B100L           |  |  |  |
| U217MTB-48                   | ED43B100L          |  |  |  |
| U217MTB/22                   | BQ3B100HL          |  |  |  |
| U217MTBL                     | BQ3B100L           |  |  |  |
|                              |                    |  |  |  |
| 224MTB                       | UQFB-200           |  |  |  |
| 224MTB/22                    | UQFBH-200          |  |  |  |
| U224MTB                      | UQFB-200           |  |  |  |
| U224MTB-48                   | FXD62B200          |  |  |  |
| U224MTB/22                   | UQFBH-200          |  |  |  |
| U224MTBL                     | UQFB-200           |  |  |  |
|                              |                    |  |  |  |
| U225MTB                      | UQFB-3200          |  |  |  |
|                              |                    |  |  |  |

| Catalog Number | Circuit<br>Breaker |
|----------------|--------------------|
| 227MTB         | UQFB-3200          |
| 227MTB-125     | UQFB-3125          |
| 227MTB-150     | UQFB-3150          |
| 227MTB-175     | UQFB-3175          |
| 227MTB-48      | FXD63B200L         |
| 227MTB/22      | QJH23B200L         |
| U227MTB        | UQFB-3200          |
| U227MTB-125    | UQFB-3125          |
| U227MTB-150    | UQFB-3150          |
| U227MTB-175    | UQFB-3175          |
| U227MTB-48     | FXD63B200L         |
| U227MTB/22     | QJH23B200L         |
| U227MTBL       | QJ23B200           |

#### Lug Kits for Circuit Breakers

| Siemens<br>Circuit<br>Breaker | Number of<br>Lug Collars<br>Required |
|-------------------------------|--------------------------------------|
| ED42B100                      | (2) LN13100                          |
| ED43B100                      | (3) LN1E100                          |
| FXD62B200                     | (4) TA1FD350                         |
| FXD63B200                     | (6) TA1FD350                         |
| QJ22B200H                     | (2) TA1Q300                          |
| QJ23B200                      | (1) TA1Q300                          |
| QJH23B200L                    | (1) TA1Q300                          |

#### Note

When replacing Siemens Circuit Breaker (FXD,ED,QJ) in safety sockets, lug collars must be ordered from Siemens separately.



### Safety Socket Replacement

T-Fuse Pullouts

#### Replacement T-Fuse Pullouts

| Catalog<br>Number | Circuit<br>Breaker | Mfg.       | Part<br>Number |
|-------------------|--------------------|------------|----------------|
| 214MTB-P          | PT223              | Boltswitch | 707674-MO      |
| 214MTB-P48        | PT263              | Boltswitch | 708564-MO      |
| U214MTB-P         | PT223              | Boltswitch | 707674-MO      |
| U214MTB-P48       | PT263              | Boltswitch | 708564-MO      |
| U214MTBPL         | PT223              | Boltswitch | 707674-MO      |
| 215MTB-P          | PT323              | Boltswitch | 708565-MO      |
| 215MTB-P48        | PT363              | Boltswitch | 708566-MO      |
| U215MTB-P         | PT323              | Boltswitch | 708565-MO      |
| U215MTB-P48       | PT363              | Boltswitch | 708566-MO      |
| 217MTB-P          | PT323              | Boltswitch | 708565-MO      |
| 217MTB-P48        | PT363              | Boltswitch | 708566-MO      |
| U217MTB-P         | PT323              | Boltswitch | 708565-MO      |
| U217MTB-P48       | PT363              | Boltswitch | 708566-MO      |
| U217MTBPL         | PT323              | Boltswitch | 708565-MO      |
| 224MTB-P          | PT224              | Boltswitch | 707684-MO      |
| 224MTB-P48        | PT264              | Boltswitch | 708567-MO      |
| U224MTB-P         | PT224              | Boltswitch | 707684-MO      |
| U224MTB-P48       | PT264              | Boltswitch | 708567-MO      |
| U224MTBPL         | PT224              | Boltswitch | 707684-MO      |
| 225MTB-P48        | PT364              | Boltswitch | 708569-MO      |
| U225MTBPL         | PT324              | Boltswitch | 708568-MO      |
| 227MTB-P          | PT323              | Boltswitch | 708568-MO      |
| 227MTB-P48        | PT364              | Boltswitch | 708569-MO      |
| U227MTB-P         | PT324              | Boltswitch | 708568-MO      |
| U227MTB-P48       | PT364              | Boltswitch | 708569-MO      |
| U227MTBPL         | PT324              | Boltswitch | 708568-MO      |

#### Lug Kits for T-Fuse Pullouts

| Part<br>Number | Number of<br>Lug Collars<br>Required |
|----------------|--------------------------------------|
| 707682-AC      | (2) TK100P                           |
| 708570-AC      | (2) TK200P                           |
| 707682-AC      | (2) TK100P                           |
| 708570-AC      | (2) TK200P                           |
| 707682-AC      | (3) TK100P                           |
| 708570-AC      | (3) TK200P                           |
| 707682-AC      | (3) TK100P                           |
| 708570-AC      | (3) TK200P                           |

#### Note

T-Fuse pullouts provided with load side lugs. Order line side lugs separately from above chart.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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### Safety Socket & T-Fuse Replacement



MS-27-TB

#### **Tenant Meter Sockets**

| Catalog<br>Number | Amp | Voltage/System |
|-------------------|-----|----------------|
| MS-24-TB          | 200 | 600V/1Ø3W      |
| MS-25-TB          | 200 | 600V/3Ø3W      |
| MS-27-TB          | 200 | 600V/3Ø4W      |



#### Replacement Test Blocks

| Catalog<br>Number            | Amp | Phase          |
|------------------------------|-----|----------------|
| TB100-47                     | 100 | Phase A, B & C |
| TB100-5<br>Center Block Only | 100 | Phase B – 3Ø3W |
| TB200-47                     | 200 | Phase A, B & C |
| TB200-5<br>Center Block Only | 200 | Phase B – 3Ø3W |
| TB200-LL                     | 200 | Lug – Lug      |



#### PT324

#### 240 Volt Main Disconnects Pullout Switch (Uses Type "T" Fuse)

| Catalog<br>Number | Amp | Rating            | Ca<br>Nu |
|-------------------|-----|-------------------|----------|
| PT223             | 100 | 2 Pole – 240 Volt | P        |
| PT224             | 200 | 2 Pole – 240 Volt | P        |
| PT323             | 100 | 3 Pole – 240 Volt | P        |
| PT324             | 200 | 3 Pole – 240 Volt | P        |

#### 480 Volt Main Disconnects Pullout Switch (Uses Type "T" Fuse)

| Catalog<br>Number | Amp | Rating            |
|-------------------|-----|-------------------|
| PT263             | 100 | 2 Pole – 480 Volt |
| PT264             | 200 | 2 Pole – 480 Volt |
| PT363             | 100 | 3 Pole – 480 Volt |
| PT364             | 200 | 3 Pole – 480 Volt |

#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



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## **Underground Termination Boxes**

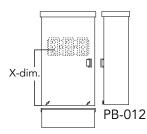
600 VAC

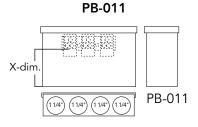






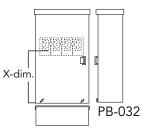
PB-038







PB-032



#### Underground Termination Boxes | 600 VAC

| Catalog               | <b>A</b> | Type of | Connecto        | ors CU/AL              |    | Dime | nsions |                                 | Short Circuit Current |
|-----------------------|----------|---------|-----------------|------------------------|----|------|--------|---------------------------------|-----------------------|
| Number                | Amp      | Service | Line            | Load                   | D" | W"   | H"     | X"                              | Withstand Rating      |
| PB-011*               | 100      | 1Ø3W    | #14-1/0         | #14-1/0                | 4  | 12   | 81⁄2   | 3¾                              | 10K Amp               |
| PB-012                | 200      | 1Ø3W    | #6-250          | #6-250                 | 6  | 12   | 26     | 14¼                             | 10K Amp               |
| PB-014**<br>PB-014-NK | 400      | 1Ø3W    | ½"x13 Studs     | #4-600<br>Twin 1/0-250 | 6  | 16   | 36     | 22                              | 50K Amp               |
| PB-018**<br>PB-018-NK | 800      | 1Ø3W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 11 | 24   | 48     | 26                              | 50K Amp               |
| PB-032                | 200      | 3Ø4W    | #6-250          | #6-250                 | 6  | 16   | 26     | 14 <sup>1</sup> / <sub>16</sub> | 10K Amp               |
| PB-034**<br>PB-034-NK | 400      | 3Ø4W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 6  | 16   | 36     | 22                              | 50K Amp               |
| PB-038**              | 800      | 3Ø4W    | 1⁄2"x13 Studs** | #4-600<br>Twin 1/0-250 | 11 | 24   | 48     | 26                              | 50K Amp               |

#### **Notes**

• Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.

• For no knockouts, add suffix -NK to the above catalog numbers.

\* No lift handles provided on the **PB-011**.

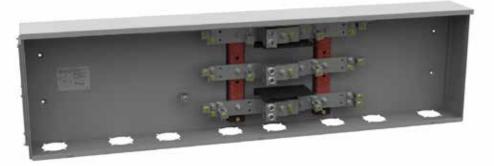
\*\* 2 studs per lug position provided for 400 amp units. 4 studs per lug position provided for 800 amp units.

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### Bussed Gutters Type 3R | 3Ø4W | 600 VAC



### For Commercial Safety Socket Applications

#### Bussed Gutters | Type 3R | 1Ø3W | 600 VAC

| Catalog | Meter    | A   | Dimensions Length |     | Length | Line Lugs    | Load Lugs    |           |
|---------|----------|-----|-------------------|-----|--------|--------------|--------------|-----------|
| Number  | Position | Amp | D"                | W"  | Η"     | of Bus       | Per Each Bus | Per Bus   |
| BC214   | 2        | 400 | 6                 | 28% | 15½    | 20" Bar      | (1) 600      | (2) 6-250 |
| BC318   | 3        | 800 | 6                 | 43  | 15½    | (2) 20" Bars | (2) 600      | (3) 6-250 |
| BC418   | 4        | 800 | 6                 | 57¼ | 15½    | (2) 20" Bars | (2) 600      | (4) 6-250 |
| BC518   | 5        | 800 | 6                 | 71% | 15½    | (2) 20" Bars | (2) 600      | (5) 6-250 |
| BC618   | 6        | 800 | 6                 | 85% | 15½    | (2) 20" Bars | (2) 600      | (6) 6-250 |

#### Bussed Gutters | Type 3R | 3Ø4W | 600 VAC

| Catalog | Meter    | A   | Di | Dimensions Length |     | Length       | Line Lugs    | Load Lugs |
|---------|----------|-----|----|-------------------|-----|--------------|--------------|-----------|
| Number  | Position | Amp | D" | W"                | Н"  | of Bus       | Per Each Bus | Per Bus   |
| BC234   | 2        | 400 | 6  | 28%               | 15½ | 20" Bar      | (1) 600      | (2) 6-250 |
| BC338   | 3        | 800 | 6  | 43                | 15½ | (2) 20" Bars | (2) 600      | (3) 6-250 |
| BC438   | 4        | 800 | 6  | 571⁄4             | 15½ | (2) 20" Bars | (2) 600      | (4) 6-250 |
| BC538   | 5        | 800 | 6  | 71%               | 15½ | (2) 20" Bars | (2) 600      | (5) 6-250 |
| BC638   | 6        | 800 | 6  | 851/8             | 15½ | (2) 20" Bars | (2) 600      | (6) 6-250 |

#### Notes

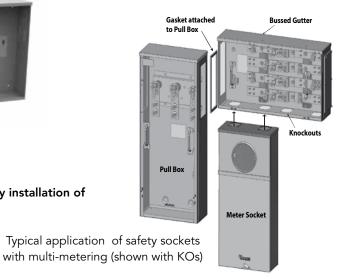
- Short Circuit Current Withstanding Rating: Standard bracing is 42K AIC.
- Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.
- **Cover:** Lift handles provided along with a cover sealing provision. A removable, sealable cover is provided at both ends for pull box assembly.
- Hardware: Meter socket mounting hardware included.
- Suitable for use on line side of service equipment.



### Bussed Gutters Type 3R | 3Ø4W | 600 VAC



- Enclosure without knockouts
- Tin plated aluminum bus bars
- Furnished with line lugs only
- Bus is drilled and tapped for easy installation of load lugs



#### Bussed Gutters | Type 3R | 1Ø4W | 600 VAC

| Catalog | Meter    | A   | Di    | mensic | ons | Length   | Line Lugs    |
|---------|----------|-----|-------|--------|-----|----------|--------------|
| Number  | Position | Amp | D" W" |        | H"  | of Bus   | Per Each Bus |
| U3412-O | 2        | 400 | 6     | 24     | 24  | 17" Bar  | (1) 600      |
| U3413-O | 3        | 600 | 6     | 36     | 24  | 24" Bars | (2) 600      |
| U3414-O | 4        | 800 | 6     | 48     | 24  | 32" Bars | (3) 600      |
| U3415-O | 5        | 800 | 6     | 60     | 24  | 40" Bars | (3) 600      |
| U3416-O | 6        | 800 | 6     | 72     | 24  | 56" Bars | (3) 600      |

#### Bussed Gutters | Type 3R | 3Ø4W | 600 VAC

| Catalog | Meter    | A   | Di | mensic   | ons | Length   | Line Lugs    |
|---------|----------|-----|----|----------|-----|----------|--------------|
| Number  | Position | Amp | D" | D" W" H" |     | of Bus   | Per Each Bus |
| U3462-O | 2        | 400 | 6  | 24       | 24  | 17" Bar  | (1) 600      |
| U3463-O | 3        | 600 | 6  | 36       | 24  | 24" Bars | (2) 600      |
| U3464-O | 4        | 800 | 6  | 48       | 24  | 32" Bars | (3) 600      |
| U3465-O | 5        | 800 | 6  | 60       | 24  | 40" Bars | (3) 600      |
| U3466-O | 6        | 800 | 6  | 72       | 24  | 56" Bars | (3) 600      |

#### Notes

- Short Circuit Current Withstanding Rating: The 400 and 600 amp units have a withstand rating of 50K amp, and the 800 amp units have a rating of 65K amp.
- Suitable for use on line side of service equipment.

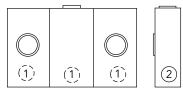


### **Multi-Position Sockets**

100-125 Amp | 4 Terminal | Ringless | 300 VAC



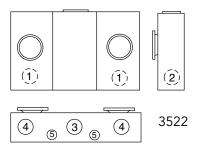
U8032-XL







U3522-XL-K1



100 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ringless

|          |           | •       |      |                             |        | •    |  | •  |    | 0    |      |       |     |     |      |
|----------|-----------|---------|------|-----------------------------|--------|------|--|----|----|------|------|-------|-----|-----|------|
| Catalog  | Positions | Somico  | Hub  | Connectors CU/AL Dimensions |        | ns   |  |    | Kn | ocko | uts  |       |     |     |      |
| Number   | Fositions | Service | пub  | Line                        | Load   | D"   | W"                                     | Η" | 1  | 2    | 3    | 4     | 5   | 6   | 7    |
| U8032-XL | 2         | OH/UG   | C.P. | #2-350                      | #6-2/0 | 41⁄2 | 241/2                                  | 16 | 2  | 2    | 21/2 | 2     | 1/2 | 1/2 | 5⁄16 |
| U8033-XL | 3         | OH/UG   | C.P. | #2-350                      | #6-2/0 | 41⁄2 | 32¾                                    | 16 | 2  | 2    | 21/2 | (3) 2 | 1/2 | 1/2 | 5⁄16 |
| U8034-XL | 4         | OH/UG   | C.P. | #2-350                      | #6-2/0 | 41⁄2 | 401/8                                  | 16 | 2  | 2    | 21/2 | (4) 2 | 1/2 | 1/2 | 5/16 |
| U8035-XL | 5         | OH/UG   | C.P. | #2-350                      | #6-2/0 | 41⁄2 | <b>49</b> <sup>1</sup> ⁄ <sub>16</sub> | 16 | 2  | 2    | 21/2 | (5) 2 | 1/2 | 1/2 | 5/16 |
| U8036-XL | 6         | OH/UG   | C.P. | #2-350                      | #6-2/0 | 41/2 | 57¼                                    | 16 | 2  | 2    | 21/2 | (6) 2 | 1/2 | 1/2 | 5⁄16 |

#### 125 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ring Type

| Catalog     | Positions | Comico  | Hub  | Connecto | ors CU/AL | D    | imensio                                | ns |      |      | Knoc | kouts    |         |     |
|-------------|-----------|---------|------|----------|-----------|------|--|----|------|------|------|----------|---------|-----|
| Number      | Positions | Service | пub  | Line     | Load      | D"   | W"                                     | H" | 1    | 2    | 3    | 4        | 5       | 6   |
| U3522-XL-K1 | 2         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41/2 | 241⁄2                                  | 14 | 11/2 | 11⁄2 | 21/2 | 21/2     | 1/4,1/2 | 1/2 |
| U3523-XL-K1 | 3         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41/2 | 32¾                                    | 14 | 11/2 | 11/2 | 21/2 | (3) 21/2 | 1/4,1/2 | 1/2 |
| U3524-XL-K2 | 4         | OH/UG   | C.P. | #2-350   | #6-2/0    | 41/2 | 401/8                                  | 14 | 11/2 | 11/2 | 21/2 | (4) 21/2 | 1/4,1/2 | 1/2 |
| U3525-XL-K2 | 5         | UG      | C.P. | #2-350   | #6-2/0    | 41/2 | <b>49</b> <sup>1</sup> ⁄ <sub>16</sub> | 14 | 1½   | 1½   | 21/2 | (5) 21/2 | 1/4,1/2 | 1/2 |

#### Notes

100-125 AMP MULTI-POSITION

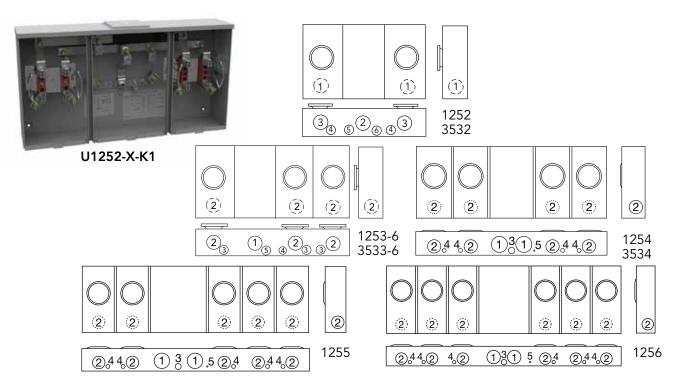
SOCKETS

- Fifth Terminal: For field mounted fifth terminal, order catalog number **5T8K2** (6 o'clock only on 100 amp units, 9 o'clock only on 125 amp units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Sealing Rings: Ring type units are supplied with one MR-4 screw type sealing ring per position.



### **Multi-Position Sockets**

200 Amp | 4 Terminal | Ringless | 300 VAC



200 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ringless

| Catalog    | Positions | <b>C</b> | 11.4 | Connecto   | rs CU/AL | D    | imensio | ns |      | Kn        | ockou | uts |     |
|------------|-----------|----------|------|------------|----------|------|---------|----|------|-----------|-------|-----|-----|
| Number     | Positions | Service  | Hub  | Line       | Load     | D"   | W"      | H" | 1    | 2         | 3     | 4   | 5   |
| U1252-X-K1 | 2         | OH/UG    | C.P. | #6-350     | #2-350   | 51/8 | 261/2   | 14 | 21/2 | 3         | 21/2  | 1/2 | 1⁄4 |
| U1253-X-K3 | 3         | OH/UG    | C.P. | #4-600     | #2-350   | 51⁄8 | 34¾     | 14 | 3    | 21/2      | 1/2   | 1⁄4 | 1   |
| U1254-X-K3 | 4         | OH/UG    | C.P. | #4-600     | #2-350   | 51/8 | 421/8   | 16 | 3    | <b>2½</b> | 1     | 1/2 | 1⁄4 |
| U1255-X-K4 | 5         | OH/UG    | C.P. | (2) #2-600 | #2-350   | 51⁄8 | 54%     | 16 | 3    | 21/2      | 1     | 1/2 | 1⁄4 |
| U1256-X-K4 | 6         | OH/UG    | C.P. | (2) #2-600 | #2-350   | 51/8 | 631/16  | 18 | 3    | 21/2      | 1     | 1/2 | 1⁄4 |

#### 200 Amp per Position | 4 Terminal | Multi-Position | Horizontal Gangs | Ring Type

| Catalog    |           |         | Positions | Service | Service | Hub  | Connecto | ors CU/AL | D    | imensio | ns   |     |     | Knoc | kouts |  |  |
|------------|-----------|---------|-----------|---------|---------|------|----------|-----------|------|---------|------|-----|-----|------|-------|--|--|
| Number     | Positions | Service | Πub       | Line    | Load    | D"   | W"       | H"        | 1    | 2       | 3    | 4   | 5   | 6    |       |  |  |
| U3532-X-K1 | 2         | OH/UG   | C.P.      | #6-350  | #2-350  | 51/8 | 261/2    | 16        | 21/2 | 3       | 21/2 | _   | 1/2 | 1    |       |  |  |
| U3533-X-K3 | 3         | OH/UG   | C.P.      | #4-600  | #2-350  | 51/8 | 34½      | 16        | 3    | 21⁄2    |      | 1⁄4 | 1/2 | _    |       |  |  |
| U3534-X-K3 | 4         | OH/UG   | C.P.      | #4-600  | #2-350  | 51/8 | 421/8    | 16        | 3    | 21/2    | 1    | _   | 1/2 | _    |       |  |  |

#### **Notes**

- Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 (6 o'clock only on 100 amp units, 9 o'clock only on 125 amp units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Sealing Rings: Ring type units are supplied with one MR-4 screw type sealing ring per position.

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MULTI-POSITION



### **Multi-Position Meter Mains**

125-200 Amp | 4 Terminal | Ringless | 120/240 VAC



U2854-X

125 Amp | Position

Catalog

Number

U2862-X

U2863-X



U2866-X

200 Amp | Position

Main Bus

Rating

250 Amp

300 Amp

Positions

2

3

**Connectors CU/AL** 

Line

\*3/8"-16 STUD

\*3/8"-16 STUD

VERTICAL

RECTANGULAR

| Catalog | Positions | Main Bus | Connectors CU/AL |  |  |  |  |  |  |  |  |
|---------|-----------|----------|------------------|--|--|--|--|--|--|--|--|
| Number  | FOSICIONS | Rating   | Line             |  |  |  |  |  |  |  |  |
| U2852-X | 2         | 200 Amp  | *3/8"-16 STUD    |  |  |  |  |  |  |  |  |
| U2853-X | 3         | 200 Amp  | *3/8"-16 STUD    |  |  |  |  |  |  |  |  |

#### 125 Amp | Position

| Catalog | Desitions | Main Bus | Connectors CU/AL<br>Line |  |  |
|---------|-----------|----------|--------------------------|--|--|
| Number  | Positions | Rating   |                          |  |  |
| U2854-X | 4         | 400 Amp  | *3/8"-16 STUD            |  |  |
| U2855-X | 5         | 400 Amp  | *3/8"-16 STUD            |  |  |
| U2856-X | 6         | 400 Amp  | *3/8"-16 STUD            |  |  |

#### **Connector Kits**

| Size   | Suffix | Kit<br>Number | Compatible<br>With   | Wire Range |  |
|--------|--------|---------------|----------------------|------------|--|
|        | -K1    | K1539         | U2852-56<br>U2862-66 | #6-350     |  |
| SINGLE | -K3    | K1540         | U2854-56<br>U2864-66 | #4-600     |  |
|        | -K2    | K1350         | U2854-56<br>U2863-66 | #6-350     |  |
| TWIN   | -K4    | K1541         | U2864-66             | #2-600     |  |

#### 200 Amp | Position

| Catalog | Positions | Main Bus | Connectors CU/AL |  |  |  |  |  |
|---------|-----------|----------|------------------|--|--|--|--|--|
| Number  |           | Rating   | Line             |  |  |  |  |  |
| U2864-X | 4         | 400 Amp  | *3/8"-16 STUD    |  |  |  |  |  |
| U2865-X | 5         | 400 Amp  | *3/8"-16 STUD    |  |  |  |  |  |
| U2866-X | 6         | 400 Amp  | *3/8"-16 STUD    |  |  |  |  |  |

**Connectors:** For line wire connector kits, order separately. **Fifth Terminal:** For field mounted fifth terminal oder catalog number **K2381**. Order one per meter position (9 o'clock position only).

**Breakers:** Units have provision for one double pole main per meter position. Breakers not included. Order as extra Milbank.

\*To add lugs, refer to the connector kits available in the Connector Kits table.

| Amp             | Cutler-Hammer<br>(Westinghouse) | Simens<br>(ITE) | Siemens Murray/<br>Crouse-Hinds | G.E. | SQ-D     |
|-----------------|---------------------------------|-----------------|---------------------------------|------|----------|
| 150-200         | HQP/BR/WBJ                      | QN              | MD                              | THQ  |          |
| <u>&lt;</u> 125 | QP/BR/HQP                       | QP              | MP                              | THQ  | Homeline |



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### **Multi-Position Meter Mains**

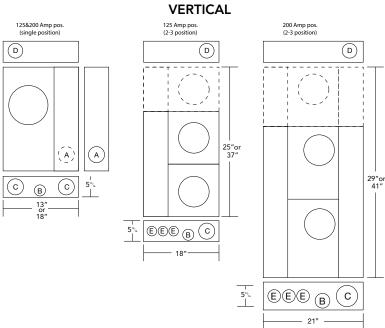
125-200 Amp | 22K AIC Rated | 240 VAC

21'



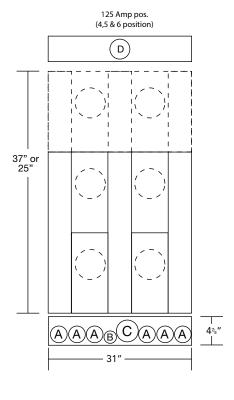
U2852-X

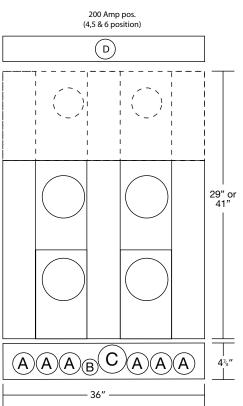
CONDOMINIUM METERING BANKS



RECTANGULAR

| Knockouts |           |  |  |  |
|-----------|-----------|--|--|--|
| А         | 11⁄4″     |  |  |  |
| В         | 1/4, 1/2″ |  |  |  |
| С         | 3″        |  |  |  |
| D         | 4″        |  |  |  |
| E         | 2″        |  |  |  |
|           |           |  |  |  |





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### **Multi-Position Meter Mains**

125-200 Amp | 22K AIC Rated | 240 VAC



U5882-X



U5884-X

#### 4 Terminal | Multi-Position Meter Main | Ringless

| Catalog | Catalog Ame Destation | Constant  |         | Connectors CU/AL | D              | Dimensions |      | Weight                     |    |        |
|---------|-----------------------|-----------|---------|------------------|----------------|------------|------|----------------------------|----|--------|
| Number  | Amp                   | Positions | Service | ervice Hub       | Line           | Bypass     | D"   | W"                         | H" | (lbs.) |
| U5902-X | 125                   | 2         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 261⁄2                      | 30 | 58     |
| U5903-X | 125                   | 3         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 34%                        | 30 | 88     |
| U5904-X | 125                   | 4         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 421/5                      | 30 | 107    |
| U5905-X | 125                   | 5         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 511/20                     | 30 | 128    |
| U5906-X | 125                   | 6         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | <b>59</b> <sup>3</sup> ⁄10 | 30 | 146    |
| U5882-X | 200                   | 2         | OH/UG   | C.P.             | %″ x 16 Stud   | None       | 51⁄8 | 261/2                      | 30 | 58     |
| U5883-X | 200                   | 3         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 34%                        | 30 | 88     |
| U5884-X | 200                   | 4         | OH/UG   | C.P.             | ³⁄₃″ x 16 Stud | None       | 51⁄8 | 421/5                      | 30 | 107    |
| U5885-X | 200                   | 5         | OH/UG   | C.P.             | ¾″ x 16 Stud   | None       | 51⁄8 | 511/20                     | 30 | 128    |
| U5886-X | 200                   | 6         | OH/UG   | C.P.             | %″ x 16 Stud   | None       | 51⁄8 | <b>59</b> ¾10              | 30 | 146    |

#### Notes

- Knockouts: See drawings on the next page.
- **Optional:** Factory installed breakers are available—consult factory.
- AIC Rating: All models are rated 22K AIC when used with approved breakers rated at 22K.
- Hub: Units supplied with one (1) closing plate. Order hubs separately, see accessories page.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- **Connectors:** Socket is supplied with 3/8" 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on the accessories page. Separate lug kits are required for line and load.

#### Breaker Chart - 10K AIC (unless noted 22K)

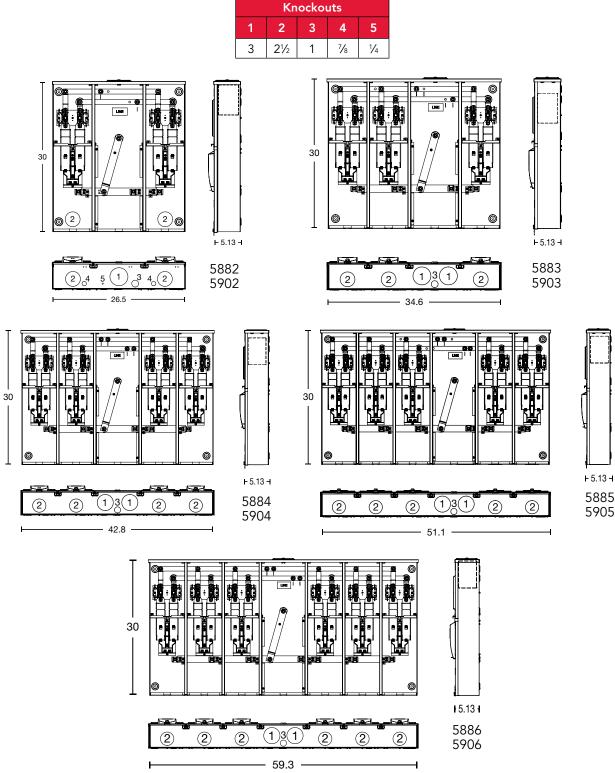
| Manufacturer    | Cutler Hammer | Siemens                    | G.E. (50 Amp Max) | Square D |
|-----------------|---------------|----------------------------|-------------------|----------|
| 125 Amp or Less | BR, HQP, QPGF | QP, <mark>QPH (22K)</mark> | THQL, THQL-GF     | Homeline |
| 150-200 Amp     |               | QN, <mark>QNH (22K)</mark> | _                 |          |



## **Multi-Position Meter Mains**

U5902 & U5882 Series | Dimensional Information





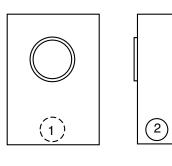




## **Current Transformer**

20 Amp | 5, 6, 7, 8, & 13 Terminal









UC7582-XL

UC7237-RL

## 20 Amp | Ringless | Plunger Type Bypass | Overhead/Underground

| Catalog   | Terminal | Meter                   | LL.L | Dunner   | Connecto | ors CU/AL | Din   | nensi | ons |      | Kn   | ocko | uts  |     |
|-----------|----------|-------------------------|------|----------|----------|-----------|-------|-------|-----|------|------|------|------|-----|
| Number    | Terminal | Form                    | Hub  | Bypass   | Line     | Load      | D"    | W"    | H"  | 1    | 2    | 3    | 4    | 5   |
| UC1290-XL | 5        | 35                      | C.P. | Plunger* | #14      | - #10     | 35⁄16 | 8     | 14  | 1½   | 11⁄2 | 2    | 11⁄4 | 1⁄4 |
| UC1299-XL | 6        | 4S                      | C.P. | Plunger* | #14      | - #10     | 35⁄16 | 8     | 14  | 1½   | 1½   | 2    | 1¼   | 1⁄4 |
| UC7233-XL | 7        | 7, 14, 15 &<br>24 S     | C.P. | Plunger* | #14      | - #10     | 35⁄16 | 8     | 14  | 11/2 | 11/2 | 2    | 11⁄4 | 1⁄4 |
| UC7235-XL | 8        | 5S                      | C.P. | Plunger* | #14      | - #10     | 35⁄16 | 8     | 14  | 1½   | 1½   | 2    | 1¼   | 1⁄4 |
| UC7237-XL | 13       | 6, 8, 9S &<br>(ALT) 10S | C.P. | Plunger* | #14 -    | - #10     | 35⁄16 | 8     | 14  | 1½   | 11⁄2 | 2    | 11⁄4 | 1⁄4 |

## 20 Amp | Ring Type | Plunger Type Bypass | Overhead/Underground

| Catalog   | Terminal | Meter                   | LL.L | Dumono   | Connecto | ors CU/AL | Din   | nensi | ons |    | Kn | ocko | uts |     |
|-----------|----------|-------------------------|------|----------|----------|-----------|-------|-------|-----|----|----|------|-----|-----|
| Number    | Terminal | Form                    | Hub  | Bypass   | Line     | Load      | D"    | W"    | H"  | 1  | 2  | 3    | 4   | 5   |
| UC1291-RL | 5        | 3S                      | H.O. | Plunger* | #14 - #  | 10 Max    | 35⁄16 | 8     | 14  | 1½ | 1½ | 11⁄4 | 1¼  | 1⁄4 |
| UC1300-RL | 6        | 4S                      | H.O. | Plunger* | #14 - #  | 10 Max    | 35/16 | 8     | 14  | 1½ | 1½ | 11⁄4 | 1¼  | 1⁄4 |
| UC7544-RL | 7        | 5S                      | H.O. | Plunger* | #14 - #  | 10 Max    | 35/16 | 8     | 14  | 1½ | 1½ | 11⁄4 | 1¼  | 1⁄4 |
| UC7545-RL | 8        | 6, 8, 9S &<br>(ALT) 10S | H.O. | Plunger* | #14 - #  | 10 Max    | 35/16 | 8     | 14  | 1½ | 1½ | 11⁄4 | 1¼  | 1⁄4 |
| UC7582-RL | 13       | 6, 8, 9S &<br>(ALT) 10S | C.P. | None     | #14 - #  | 10 Max    | 35⁄16 | 8     | 14  | 1½ | 1½ | 1¼   | 1¼  | 1⁄4 |

## Notes

• Hubs: For proper hub selection see the hub suffix chart on the accessory page.

• Connectors: Units are supplied with sleeve type connectors (#14-#2).

\* Bypass: Plunger type bypass automatically closes when meter is removed.

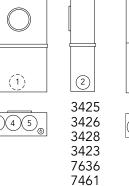


## **Current Transformer**

20 Amp | 5, 6, 8, 13, & 15 Terminal | 600 VAC



UC3438-XL



UC3426-XL

## 20 Amp | Ringless | With Provision for Test Switch | Two-Piece Front

| Catalog   | Terminal | Meter                   | Comico  | Link | Durana | Connecto | rs CU/AL | Dim  | nensio | ons |      | ł    | Knock | couts |      |          |
|-----------|----------|-------------------------|---------|------|--------|----------|----------|------|--------|-----|------|------|-------|-------|------|----------|
| Number    | Terminal | Form                    | Service | пир  | Бураss | Line     | Load     | D"   | W"     | Н"  | 1    | 2    | 3     | 4     | 5    | 6        |
| UC3425-XL | 5        | 3S                      | OH/UG   | C.P. | None   | #14      | - #2     | 51⁄8 | 12     | 20  | 1¼   | 11/4 | 1¼    | 1¼    | 11⁄4 | 1/4, 1/2 |
| UC3426-XL | 6        | 4S                      | OH/UG   | C.P. | None   | #14      | - #2     | 51/8 | 12     | 20  | 1¼   | 11⁄4 | 1¼    | 1¼    | 1¼   | 1/4, 1/2 |
| UC3428-XL | 8        | 5S                      | OH/UG   | C.P. | None   | #14      | - #2     | 51/8 | 12     | 20  | 11⁄4 | 11/4 | 11⁄4  | 11⁄4  | 11⁄4 | 1/4, 1/2 |
| UC3423-XL | 13       | 6, 8, 9S &<br>(ALT) 10S | OH/UG   | C.P. | None   | #14      | - #2     | 51/8 | 12     | 20  | 1¼   | 1¼   | 1¼    | 1¼    | 11/4 | 1/4, 1/2 |

### 20 Amp | Ring Type | Test Switch Factory Prewired | Two-Piece Front **Approved for Tucson Electric Power**

|                   | Torminal | Somico  | U.J. |                |      | ors CU/AL | Dir  | nensi | ons |      |    | Knoc | kouts |      |          |
|-------------------|----------|---------|------|----------------|------|-----------|------|-------|-----|------|----|------|-------|------|----------|
| Number            | Terminal | Service | пир  | Буразз         | Line | Load      | D"   | W"    | H"  | 1    | 2  | 3    | 4     | 5    | 6        |
| UC7636-YL-TGE-DES | 6        | ОН      | 1¼   | Test<br>Switch | #14  | - #2      | 41⁄8 | 12    | 20  | 11⁄4 | 1¼ | 1¼   | 1¼    | 11/4 | 1/4, 1/2 |
| UC7461-YL-TGE-DES | 13       | ОН      | 1¼   | Test<br>Switch | #14  | - #2      | 41⁄8 | 12    | 20  | 11⁄4 | 1¼ | 1¼   | 1¼    | 11/4 | 1/4, 1/2 |

## 20 Amp | Ring Type | With Provision for Test Switch | EUSERC Compliant | Two-Piece Front

| Catalog   | Terreinel | Comilas | LL.  | Dunana | Connector<br>Line<br>#14 -<br>#14 -<br>#14 -<br>#14 - | ors CU/AL | Din   | nensi | ons |   |   | Knoc | kouts | ; |   |
|-----------|-----------|---------|------|--------|---|-----------|-------|-------|-----|---|---|------|-------|---|---|
| Number    | Terminal  | Service | Hub  | Bypass | Line  | Load      | D"    | W"    | Н"  | 1 | 2 | 3    | 4     | 5 | 6 |
| UC3435-XL | 5         | OH/UG   | C.P. | None   | #14   | - #2      | 51/8  | 12    | 20  | 2 | 2 | 2    | 2     | 2 | - |
| UC3436-XL | 6         | OH/UG   | C.P. | None   | #14   | - #2      | 51/8  | 12    | 20  | 2 | 2 | 2    | 2     | 2 | - |
| UC3438-XL | 8         | OH/UG   | C.P. | None   | #14   | - #2      | 51/8  | 12    | 20  | 2 | 2 | 2    | 2     | 2 | - |
| UC3433-XL | 13        | OH/UG   | C.P. | None   | #14   | - #2      | 51/8  | 12    | 20  | 2 | 2 | 2    | 2     | 2 | _ |
| UC3434-XL | 15        | OH/UG   | C.P. | None   | #14   | - #2      | 51⁄/8 | 12    | 20  | 2 | 2 | 2    | 2     | 2 | _ |

#### Notes

• Prewiring: If factory prewiring is required consult factory before ordering. Please include meter socket catalog number, test switch number, meter form number, and a copy of your wiring diagram.

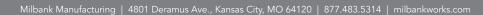
- Test Switch Covers: Units on this page can be used with clear lexan cover (except units 7636 and 7461).
- Connectors: Units are supplied with sleeve type connectors (#14-#2).
- Hubs: For proper hub selection see the hub suffix chart in accessory section.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



IIPPFNT

TRANSFORMER





## **Current Transformer Test Switches**



#### SWITCH BLADES

Two dimples coined into one side of the switch blade ensure positive contact in corrosive, sooty environments – even after years of inactivity.

#### **TEST SWITCH COVERS**

Standard test switch covers are made from break resistant, clear, thermal plastic which has excellent tracking and moisture resistant properties. If covers are required, add suffix "-WC" (with cover) to the catalog number or order separately catalog number K3388. Black flush mount covers are also available. Order catalog number K3388-BLK-FL.10 pole base only.



### TEST SWITCH BASE

The base is molded from a high strength, fiberglass reinforced, thermoset polyester. This material is track resistant, flame retardant and has low water absorption qualities. Bases are available in 7 pole and 10 pole sizes.

#### SWITCH JAWS

The switch blade jaw clips are constructed from spring grade copper alloy. The material and design ensure excellent contact which prevents overheating.



4, 7, & 10 Pole

### POLARITY BARRIER

For maximum protection potential circuits are supplied with permanently mounted, rigid barriers made from high tensile strength, polycarbonate.

#### CURRENT CARRYING PARTS

Highly conductive copper and copper alloy materials are used on all current carrying parts. This ensures conductivity and deters corrosion. Spring grades are used where appropriate. Plating is available if required. Contact general offices to special order.



#### **Notes**

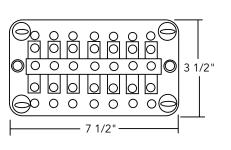
- Factory Installed: For cover installed add the suffix -WC or -WCFL to the catalog number of desired test switch
- Field Installed: For field installed cover order kit number K3388 or K3388-BLK-FL.

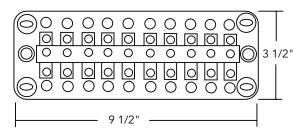
The MILBANK test switch is designed to meet the critical requirements of the electric utility industry. Not only do they meet EEI, ANSI C12.9, and UL standards but they combine several special features giving the MILBANK test switch increased safety, durability and reliability. One such feature is our unique switch blade contact points which cut through residue that builds up after years of service. Another distinction is our polarity barrier which is designed to be flexible as well as offer exceptional insulating qualities. Our test switches are constructed from the latest materials available using modern fabricating and assembly methods.



## **Current Transformer Test Switches**

4, 7, & 10 Pole | 600 VAC | Per Ansi C12.9 Standard





|    | KEY  |
|----|--|
| Р  | Potential Switch                                     |
| C+ | Line side current switch with short circuit assembly |
| С  | Load side current switch with test jack assembly     |
| N  | Neutral bar (no switch)                              |
| Pn | Neutral potential switch                             |
| Х  | Unused position on base                              |
|    | Line side current switch with short circuit assembly |

#### CUSTOM POLE ARRANGEMENTS

The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.



CURRENT

TRANSFORMER

| Catalog<br>Number |   |    | 4  | -POL | E  |    |   |
|-------------------|---|----|----|------|----|----|---|
| TS04-0101         | Х | Р  | Pn | Х    | C+ | С  | Х |
| TS04-0104         | Х | C+ | С  | Х    | Р  | Pn | Х |

| Catalog<br>Number |   |   | 7  | -POL | E |    |   |
|-------------------|---|---|----|------|---|----|---|
| TS07-0105         | Р | Р | Pn | C+   | С | C+ | С |

| Catalog<br>Number |   |   | 7-P | OLE | ON A | 10-PC | DLE BA | ASE |   |    |
|-------------------|---|---|-----|-----|------|-------|--------|-----|---|----|
| TS07-0049         | Р | Х | Р   | Х   | Pn   | Х     | C+     | С   | С | C+ |
| TS07-0106         | X | Р | C+  | С   | Р    | C+    | С      | Pn  | Х | Х  |

| Catalog<br>Number |    |    |    |    | 10-P | OLE |    |    |    |    |
|-------------------|----|----|----|----|------|-----|----|----|----|----|
| TS10-0109         | Р  | Р  | Р  | Pn | C+   | С   | C+ | С  | C+ | С  |
| TS10-0110         | Р  | C+ | С  | Р  | C+   | С   | Р  | C+ | С  | Pn |
| TS10-0111         | Р  | Р  | Р  | Pn | С    | C+  | С  | C+ | С  | C+ |
| TS10-0112         | C+ | С  | C+ | С  | C+   | С   | Р  | Ρ  | Р  | Pn |
| TS10-0016         | Р  | Р  | Р  | PN | С    | C+  | С  | C+ | С  | C+ |

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



## **Milbank Test Switch Worksheet**



**TEST SWITCH BASE** 

The base is molded from a high strength, fiberglass

qualities. Bases are available in two standard sizes

following NEMA mounting classifications.

reinforced, thermoset polyester. This material is trackresistant, flame-retardant and has low water absorption

| Custom   | er Name: |      |      |
|----------|----------|------|------|
| Email: _ |          | <br> | <br> |

Phone: \_\_\_\_\_

#### Handle Color Key Yellow BK Black Ρ Purple Y GN Green R Red BL Blue W White BK/Stripe BKS BR Brown GR Gray 0 Orange WS W/Stripe

### **Pole Position Chart**

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|---|---|---|---|---|---|---|---|---|----|
|   |   |   |   |   |   |   |   |   |    |

### **Special Features**

| Features | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------|---|---|---|---|---|---|---|---|---|----|
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |
|          |   |   |   |   |   |   |   |   |   |    |

#### Engineering Information: \_\_\_\_\_

|    | KEY   |
|----|---|
| Р  | Potential Switch  |
| C+ | Line side current switch with<br>short circuit assembly |
| С  | Load side current switch with<br>test jack assembly     |
| Ν  | Neutral bar (no switch)                                 |
| Pn | Neutral potential switch                                |
| Х  | Unused position on base                                 |
|    | Line side current switch with<br>short circuit assembly |

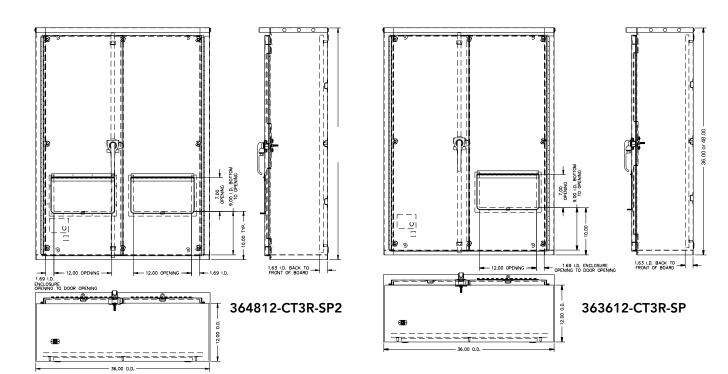
**Custom Pole Arrangements:** The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/ shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.





## **Current Transformer Cabinets**

Door Mount CT Rated Socket & Type 3R





| Catalog  | Terreteral | Durana  | A    | Compositore | Dimensions |      |    |  |  |
|----------|------------|---------|------|-------------|------------|------|----|--|--|
| Number   | Terminal   | Бураss  | Amp  | Connectors  | D"         | W"   | Н" |  |  |
| K4806-BP | 13         | Plunger | 20 A | #14-4 Max   | 21/2       | 71⁄8 | 7½ |  |  |
| Note     |            |         |      |             |            |      |    |  |  |

**BP:** The -BP suffix indicates plunger bypass.

## Current Transformer Rated Cabinets – Type 3R

| Catalog         | Gauge of | Gauge of Dimensions |    |    | Panel Size   |      | Panel & Backboard Catalog Numbers |                   |  |  |
|-----------------|----------|---------------------|----|----|--------------|------|-----------------------------------|-------------------|--|--|
| Number          | Steel    | D"                  | W" | H" | <b>W</b> " : | x H" | Painted Steel Panel               | Wood Backboard    |  |  |
| 243210-LC3R-SP  | 14       | 10                  | 24 | 32 | 21           | 29   | A-24P32                           | A-24P32W          |  |  |
| 323610-LC3R-SP  | 14       | 10                  | 32 | 36 | 29           | 33   | A-32P36                           | A-32P36W          |  |  |
| 363016-CT3R     | 14       | 16                  | 36 | 30 | 33           | 27   | A-36P30                           | A-36P30W          |  |  |
| 363612-CT3R-SP  | 14       | 12                  | 36 | 36 | 33           | 33   | A-36P36                           | A-36P36W Included |  |  |
| 364812-CT3R-SP2 | 14       | 12                  | 36 | 48 | 33           | 45   | A-48P36                           | A-48P36W Included |  |  |

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.







## **Current Transformer Cabinets**

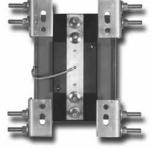


K4797



K4722





K4793/K4795

### **Current Transformer Enclosure Mounting Racks**

| Catalog<br>Number | Code | AIC Rating | Amp     | Volts | Type of<br>Service | Termination Type  |
|-------------------|------|------------|---------|-------|--------------------|---|
| K4797             | A4   | 50K        | 400     | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4797             | А    | 50K        | 800     | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4798             | B4   | 50K        | 400     | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4798             | В    | 50K        | 800     | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4793             | С    | 10K        | 201-400 | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4795             | D    | 10K        | 401-800 | 600   | 1Ø3W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| К4794             | E    | 10K        | 201-400 | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4796             | F    | 10K        | 401-800 | 600   | 3Ø4W               | 1/2 x 13 Studs on 1-3/4" Centers  |
| K4729             | G    | 50K        | 800     | 600   | 1Ø3W               | (3) #4 - 600 or (6) #1 - 250  |
| K4722             | Н    | 50K        | 800     | 600   | 3Ø4W               | (3) #4 - 600 or (6) #1 - 250  |
| K4903             | J    | 50K        | 400     | 600   | 1Ø3W               | (1) #4 - 600 or (2) #1 - 250  |
| К4904             | К    | 50K        | 400     | 600   | 3Ø4W               | (1) #4 - 600 or (2) #1 - 250  |
| K5747             | L    | 50K        | 800     | 600   | 3Ø4W               | Line: 1/2 x 13 Studs on 1-3/4"Centers<br>Load: (3) #4 - 600 or (6) #1 - 250 |
| K5752             | М    | 50K        | 800     | 600   | 1Ø3W               | Line: 1/2 x 13 Studs on 1-3/4"Centers<br>Load: (3) #4 - 600 or (6) #1 - 250 |

### Note

• Match red code letter with the applicable CT Cabinet on pages 61 & 62.

• 1/2" Lug Kit: order K4200 (single, #4-600) or K4223 (double, #6-350). Each Kit contains four connectors.



## **Current Transformer Cabinets**

Screw Cover & Hinge Cover



CT363611-SC



CT203611-HC

## Screw Cover

| Catalog     | C.T.                                 | D  | imensior | Front |          |
|-------------|--------------------------------------|----|----------|-------|----------|
| Number      | Racks                                | D" | W"       | H"    | Cover    |
| CT24329-SC  | A4, C, D, G, J, M                    | 9  | 24       | 32    | 1 Piece  |
| CT242411-SC | G                                    | 11 | 24       | 24    | 1 Piece  |
| CT243011-SC | A4, C, D, G, J, M                    | 11 | 24       | 30    | 1 Piece  |
| CT243611-SC | A4, C, D, G, J, M                    | 11 | 24       | 36    | 1 Piece  |
| CT244811-SC | A, C, D, G, J                        | 11 | 24       | 48    | 1 Piece  |
| CT303011-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 30    | 1 Piece  |
| CT303611-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 36    | 1 Piece  |
| CT363611-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 11 | 36       | 36    | 1 Piece  |
| CT364211-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 42    | 2 Pieces |
| CT364811-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 48    | 2 Pieces |
| CT424211-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 11 | 42       | 42    | 2 Pieces |
| CT484811-SC | A, B, C, D, G, J, M                  | 11 | 48       | 48    | 2 Pieces |
| CT303614-SC | A4, B4, C, D, E, F, G, H, J, K, L, M | 14 | 30       | 36    | 2 Pieces |
| CT364814-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 14 | 36       | 48    | 2 Pieces |
| CT484814-SC | A, B, C, D, E, F, G, H, J, K, L, M   | 14 | 48       | 48    | 2 Pieces |

#### Hinge Cover

| Catalog     | C.T.                                   | D  | imensior | Front |          |
|-------------|--|----|----------|-------|----------|
| Number      | Racks                                  | D" | W"       | H"    | Cover    |
| CT203611-HC | A4, C, D, J                            | 11 | 20       | 36    | 1 Piece  |
| CT243011-HC | A4, C, D, G, J, M                      | 11 | 24       | 30    | 1 Piece  |
| CT243611-HC | A4, C, D, G, J, M                      | 11 | 24       | 36    | 1 Piece  |
| CT244811-HC | A, C, D, G, J, M                       | 11 | 24       | 48    | 1 Piece  |
| CT303611-HC | A4, B4, C, D, E, F, G, H, J, K, L, M   | 11 | 30       | 36    | 1 Piece  |
| CT304811-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 11 | 30       | 48    | 1 Piece  |
| CT363611-HC | A4, B4, C, D, E, F, G, H, J, K, L, M   | 11 | 36       | 36    | 1 Piece  |
| CT364811-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 11 | 36       | 48    | 1 Piece  |
| CT484811-HC | A, B, C, D, J, M                       | 11 | 48       | 48    | 2 Pieces |
| CT484814-HC | A, B, B4, C, D, E, F, G, H, J, K, L, M | 14 | 48       | 48    | 2 Pieces |

### Note

- Enclosure: These units are rated Type 3R, powder coated, and constructed of galvanized steel.
- Mounting Rack: Select CT mounting rack by matching the appropriate letter in CT rack column on page 61 with applicable letter in **Code column** on page 60.
- Mounting: 1/4-20 welded studs.





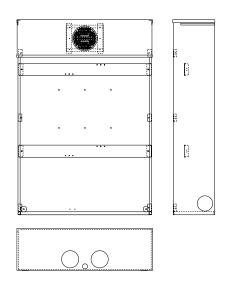


## **Metered Transformer Cabinets**

Screw Cover | Ring Type



U3565-O



### Metered Transformer Cabinets | Ring Type

| Catalog | <b>T</b> e in | Comico  | Matan Farma             | 11.4 | D  | imensio | ns | СТ                                 |
|---------|---------------|---------|-------------------------|------|----|---------|----|------------------------------------|
| Number  | Terminal      | Service | Meter Form              | Hub  | D" | W"      | H" | Racks                              |
| U3319-R | 5             | ОН      | 35                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3320-R | 6             | ОН      | 4S                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3321-R | 8             | ОН      | 5S                      | H.O. | 11 | 24      | 42 | A, C, D, G, J, M                   |
| U3322-R | 13            | ОН      | 6, 8, 9S &<br>(ALT) 10S | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3323-R | 8             | ОН      | 5S                      | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3555-R | 15            | ОН      | 39S, 76S                | H.O. | 11 | 36      | 42 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3339-O | 5             | UG      | 35                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3340-O | 6             | UG      | 4S                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3341-O | 8             | UG      | 5S                      | none | 11 | 24      | 52 | A, C, D, G, J, M                   |
| U3342-O | 13            | UG      | 6, 8, 9S &<br>(ALT) 10S | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3343-O | 8             | UG      | 5S                      | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |
| U3565-O | 15            | UG      | 39S, 76S                | none | 11 | 36      | 52 | A, B, C, D, E, F, G, H, J, K, L, M |

### Note

• Meter Socket: 20 amp current transformer meter socket built in.

- Enclosure: NEMA Type 3R with screw cover.
- Current Transformer Mounting: 1/4-20 welded studs.
- Hubs: For proper hub selection, see hub suffix chart in the accessory section.
- Sealing Rings: Supplied with MR-4 screw type sealing ring.
- Mounting Racks: For mounting rack information refer to previous page. Select CT mounting rack by matching the appropriate letter in CT rack column on page 62 with applicable letter in Code column on page 60.

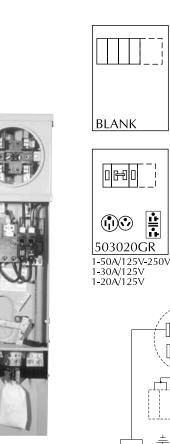


125 Amp | Mobile Home Metered | 120/240 VAC

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### **Standard Configurations**

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1-50A/125-250V

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100-20GR 100A, 2Pole CB

1-20A/125V

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B

**Catalog Number** 

**MPRV-BLANK-78** 

MPRV-BLANK-78-R-5T

MPRV-100-78

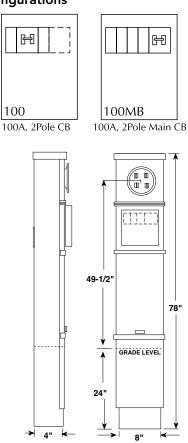
MPRV-100-MB-78

MPRV-100-20GR-78

MPRV-50-78

MPRV-503020GR-78

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Single

Description

Ring type, parallel wired

Ringless, horn bypass

Ring type, parallel wired

Ring type, series wired

Ring type, parallel wired

Ring type

Ring type

## MPRV-100-MB-78

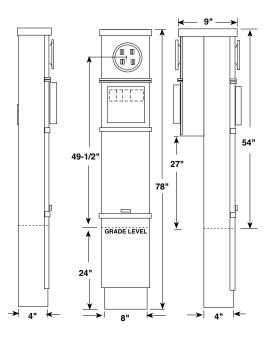
## **Specifications**

- UL listed 100 amp continuous duty meter socket.
- 120/240 volt single phase service.
- Twin line termination lugs #6-350 kcmil CU/AL per phase for looping.
- Space for four (4) single, or one double (240V C/B center- positions only) and two (2) single pole universal style, plug-in circuit breakers.
- Ringless version equipped with horn bypass as standard.
- For fifth terminal field installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear feed kit PF-KR included.
- For optional stabilizer foot, order K5763.
- Specify MPRV-100-78 for 100 amp service pedestal with direct feed kit and 100 amp CB wired in parallel. Space for two additional single pole CBs provided. Series wiring available; specify MPRV-100-MB-78.
- MR-2 sealing ring standard with ring type cover.
- No knockouts.

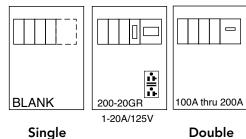


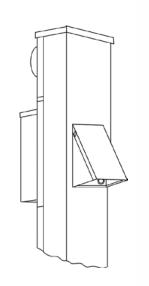


200 Amp | Mobile Home Metered | 120/240 VAC



Standard Configurations









MPAP-200-78

| Catalog Number   | Description                           |
|------------------|---------------------------------------|
| MPAP-BLANK-78    | Ring type, parallel wired             |
| MPAP-BLANK-78R   | Ringless, horn bypass, parallel wired |
| MPAP-100-78      | Ring type, parallel wired             |
| MPAP-100-MB-78   | Ring type, series wired               |
| MPAP-200-78      | Ring type, parallel wired             |
| MPAP-200-MB-78   | Ring type, series wired               |
| MPAP-200-20GR-78 | Ring type, parallel wired             |
| MPAPD-BLANK-78   | Ring type, parallel wired             |
| MPAPD-BLANK-78R  | Ringless, horn bypass, parallel wired |

## Notes

- Order K4714 for series wire kit.
- Order K5194 for parallel to series field conversion kit.
- Order K5193 for series to parallel field conversion kit.



Specifications

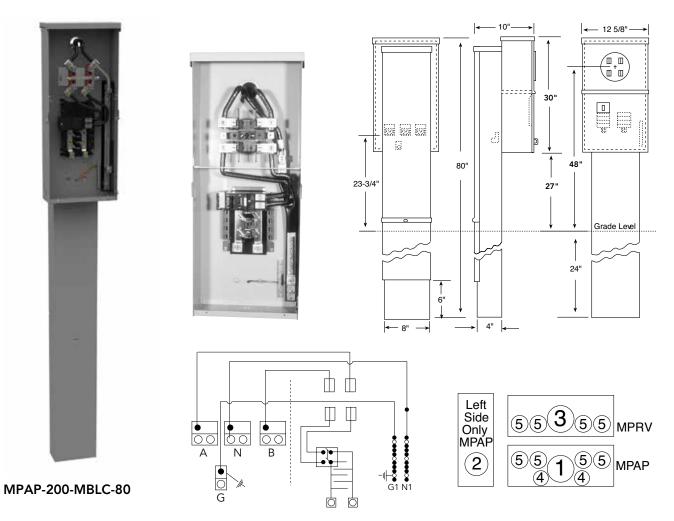
B

G

- 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping.
- UQFP breaker provisions factory wired in parallel with branch breaker bus. Series wiring available. Specify MB after breaker rating, ex. MPAP-200-MB.
- Furnished with space for four single or one double (240V C/B center-positions only) and two single pole universal style, plug-in circuit breakers in addition to main.
- Ringless version equipped with horn bypass as standard.
- For fifth terminal field installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear feed kit **PF-KR** included.
- MR-2 sealing ring standard with ring type cover.
- Series coversion kit order K4714

## **Power Pedestals with Load Center**

100 & 200 Amp Series MPRV & MPAP | Ring Type



### 100 & 200 Amp | Load Center Power Outlets

| Catalog          | Description   | Knockouts |   |   |    |          |  |  |
|------------------|---|-----------|---|---|----|----------|--|--|
| Number           | Description   | 1         | 2 | 3 | 4  | 5        |  |  |
| MPRV-100-MBLC-80 | 100 Amp Metered Pedestal with (8) Circuit Load Center | 21/2      | 2 | - | 1¼ | 1/2, 3/4 |  |  |
| MPAP-200-MBLC-80 | 200 Amp Metered Pedestal with (8) Circuit Load Center | 21/2      | 2 | - | 1¼ | 1/2, 3/4 |  |  |

## **Specifications**

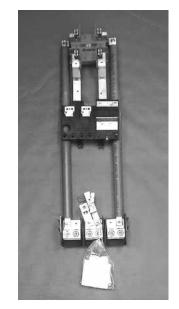
- UL listed 100/200 amp continuous duty meter socket.
- Approved for 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping. Rear termination.
- Space for (8) single, or (4) double and two single pole universal style plug-in circuit breakers.
- Series main breaker factory installed.
- Direct feed lugs standard.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.





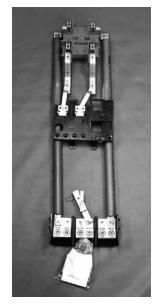




Catalog Number Z020-148-00-00-0 MPAP 200A interior rebuild kit

## **Replacement Parts**

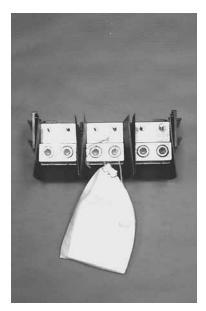
Mobile Home Rebuild Kits



Catalog Number 020-147-00-00-0 MPRV 100A interior rebuild kit



Catalog Number RBK-1 Unicorn MPP (pre-1969) interior rebuild kit



Catalog Number Z1050596 MPAP, MPRV & Unicorn MPP lug landing assembly with grounding kit

#### Above items sold as complete assemblies only. Individual components not available.



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## **Replacement Parts**

Mobile Home Rebuild Kits





Catalog Number PF-BL MPAP/MPRV blank deadfront with hinged cover



Catalog Number PF-KR MPAP/MPRV rear connector kit



Lug Cover for MPAP/MPRV Order Catalog Number 403456-SC (8-1/2" W X 20-1/2" H) for 72" pedestals and Catalog Number 403457-SC (8-1/2" W X 26-1/2" H) for 78" pedestals.

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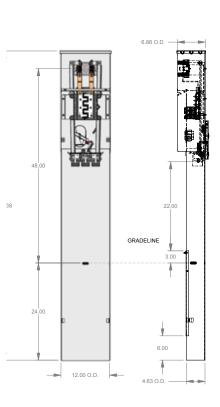




## **Mobile Home Pedestals**

100 Amp | U6276 Series | 120/240 VAC





## **Features and Benefits**

- Circuit breaker interior has provisions for twelve full oneinch poles (including main).
- Rating: 100 Amp, 120/240 VAC.
- Interiors will accept plug-in breakers. (GE, Cutler-Hammer, Siemens, SQD)
- Suitable for use as service equipment and mobile home service equipment.
- Rear Feed Kit included in Pedestal
- Twin 350 MCM line terminals (installed) provide optional loop-feed installation.
- 14 gauge corrosion resistant steel construction.
- Type 3R Raintight enclosure.
- Padlock provision.
- Total unit height is 76". Burial depth is 24". Installed height from ground is 48" to meter center.
- Standard color: gray powder coat finish.
- EUSERC compliant drawing number 307
- Pad Mount version available

| Catalog Number | Configuration   |
|----------------|---|
| U6276-O-10GR   | (1) 20 amp 5-20R Duplex                                   |
| U6276-O-54     | (1) 50 amp 14-50R Duplex                                  |
| U6276-O-41     | (1) 20 amp 5-20R Duplex (1) 30 amp TT-30R                 |
| U6276-O-55     | (1) 20 amp 5-20R Duplex (1) 50 amp 14-50GR                |
| U6276-O-75     | (1) 50 amp 14-50R (1) 30 amp TT30 (1) 20amp 5-20GR Duplex |
| U6276-O-100    | (1) 100 amp breaker installed                             |
| U6276-O-100MB  | (1) 100 Main Breaker series wired                         |

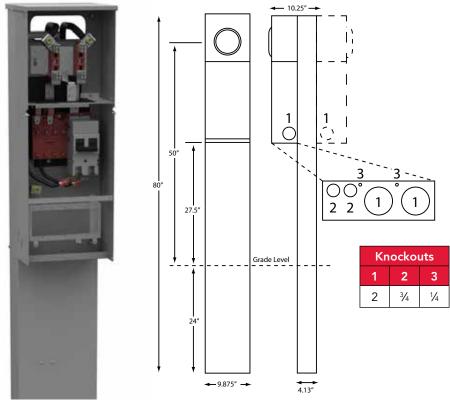
## Notes

- Contact Factory for additional options
- Extension Kit and Stabilizer Foot Available
- Replacement Parts available (covers, dead-fronts, receptacles, breakers).



200 Amp | U5240 & U5241 Series | Ring Type





U5240-O-200S

## **Specifications**

- Twin line termination lugs #6-350 CU/AL per phase for looping.
- 200 amp maximum, 120/240 volt, single phase, three wire meter socket.
- Ring type meter socket with stainless steel screw-type sealing ring.
- Short circuit withstand rating 22K AIC.
- Type 3R construction for durable outdoor use, one piece post lockable and sealable.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line & neutral: (2) #6-350 kcmil per phase
- Line ground: (4) #14-1/0
- Load: See Circuit Breaker
- Load neutral: (1) #6-350 kcmil.
- Load ground: (2) #14-1/0, (4) #14/6
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 & 200 amp. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers up to a total of 125 amp maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens
- Factory or field-installable receptacle bridge and receptacle/circuit breaker kits available. See accessories.



200 Amp | Ring Type

| Catalog      | Powerheads | Mounting      | Main Breaker                        | Main CB | Circuits | Din | nensi | ons |
|--------------|------------|---------------|-------------------------------------|---------|----------|-----|-------|-----|
| Number       | Powerneads | Mounting      | wain breaker                        |         | Circuits | D"  | W"    | H"  |
| U5240-O-100S | Single     | Direct Burial | UQFPH-M-100                         | 100     | 4        | 10¼ | 10    | 80  |
| U5240-O-200S | Single     | Direct Burial | UQFPH-M-200                         | 200     | 4        | 10¼ | 10    | 80  |
| U5240-O      | Single     | Direct Burial | Provision for<br>UQFPH-M series     |         | 4        | 10¼ | 10    | 80  |
| U5242-O-200S | Single     | Pad Mount     | UQFPH-M-200                         | 200     | 4        | 10¼ | 10    | 56  |
| U5242-O      | Single     | Pad Mount     | Provision for<br>UQFPH-M series     | _       | 4        | 10¼ | 10    | 56  |
| U5241-O-100S | Double     | Direct Burial | (2) UQFPH-M-100                     | 100     | 4        | 16  | 10    | 80  |
| U5241-O-200S | Double     | Direct Burial | (2) UQFPH-M-200                     | 200     | 4        | 16  | 10    | 80  |
| U5241-O      | Double     | Direct Burial | Provision for<br>(2) UQFPH-M series |         | 4        | 16  | 10    | 80  |
| U5243-O      | Double     | Pad Mount     | Provision for<br>(2) UQFPH-M series | _       | 4        | 16  | 10    | 56  |

## 200 Amp | 4 Terminal | Service Pedestals | Ring Type

### Accessories

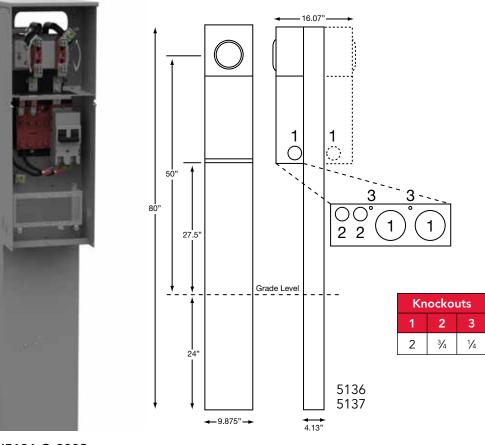
| Catalog<br>Number | Description   |
|-------------------|---|
| K5415             | Stabilizer foot with hardware                             |
| K5035             | Pad mount kit with hardware for U5242 & U5243             |
| K5T               | 5th terminal for 208y/120V 3-wire service                 |
| K5193             | Bus kit to convert series-wired main breaker to parallel  |
| K5194             | Wire kit to convert parallel-wired main breaker to series |
| K3450             | Telephone/CATV mounting bracket (mounts left or right)    |
| K5039             | Penta bolt utility cover                                  |

### Notes

- Up to two receptacle/circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- K5415 Stabilizer Foot sold separately. Recommended for double pedestals.
- Pad mount pedestals require K5035 pad mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.



200 Amp | Ringless



U5136-O-200S

## **Specifications**

- UL listed
- 200 amp maximum, 120/240 V, 1Ø3W
- Ringless type meter socket with stainless steel latch
- Short circuit withstand rating 22 KAIC
- Type 3R construction for durable outdoor use
- ANSI 61 gray polyester powder coat finish
- Wire terminations accept copper or aluminum conductors
- Line & Neutral: (2) #6-350 kcmil per phase, Line Ground: (4) #14-1/0
- Load (CB): 2/0 to 300 kcmil per pole
- Load neutral: (1) #6-350 kcmil
- Load ground: (2) #14-1/0, (4) #14/6
- Commercial grade, plug-in main circuit breaker. Available in 100, 125, 150 & 200 AMP. Type UQFP-H-M.
- 4 circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers. Branch circuit rated to 125 amp max. Acceptable manufacturers: Milbank, Cutler-Hammer, GE or Siemens
- Twin line termination lugs #6-350 CU/AL per phase for looping.

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U5136 & U5137 Series | Ringless

## 100-200 Amp | Meter Main with Load Center Pedestals | Ringless

| Catalog      | Dennelsende | Manutina      | A   | Main Duashau                        | Main Breaker Interior |        | nensi | ons | Kn | iockoi  | uts |
|--------------|-------------|---------------|-----|-------------------------------------|-----------------------|--------|-------|-----|----|---------|-----|
| Number       | Powerheads  | Mounting      | Amp | Iviain Breaker                      |                       |        | W"    | H"  | 1  | 2       | 3   |
| U5136-O-100S | Single      | Direct Burial | 100 | UQFPH-M-100                         | 4 circuit             | 10¼    | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5136-O-200S | Single      | Direct Burial | 200 | UQFPH-M-200                         | 4 circuit             | 10¼    | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5136-O      | Single      | Direct Burial | _   | Provision for<br>UQFPH-M series     | 4 circuit             | 10¼    | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5137-O-100S | Double      | Direct Burial | 100 | (2) UQFPH-M-100                     | 4 circuit             | 161/16 | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5137-O-200S | Double      | Direct Burial | 200 | (2) UQFPH-M-200                     | 4 circuit             | 161/16 | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5137-O      | Double      | Direct Burial | _   | Provision for<br>(2) UQFPH-M series | 4 circuit             | 161/16 | 10    | 80  | 2  | 1/2,3/4 | 1⁄4 |
| U5138-O-200S | Single      | Pad Mount     | 200 | UQFPH-M-200                         | 4 circuit             | 10¼    | 10    | 56  | 2  | 1/2,3/4 | 1⁄4 |
| U5138-O      | Single      | Pad Mount     | _   | Provision for<br>UQFPH-M series     | 4 circuit             | 10¼    | 10    | 56  | 2  | 1/2,3/4 | 1⁄4 |
| U5139-O      | Double      | Pad Mount     | _   | Provision for<br>UQFPH-M series     | 4 circuit             | 161/16 | 10    | 56  | 2  | 1/2,3/4 | 1⁄4 |

#### Accessories

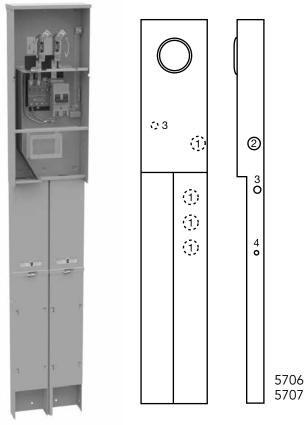
| Catalog<br>Number | Description   |  |  |  |
|-------------------|---|--|--|--|
| K5415             | Stabilizer foot with hardware                             |  |  |  |
| K5035             | Pad mount kit with hardware for <b>U5138</b>              |  |  |  |
| K5T               | 5th terminal for 208y/120V 3-wire service                 |  |  |  |
| K5193             | Bus kit to convert series-wired main breaker to parallel  |  |  |  |
| K5194             | Wire kit to convert parallel-wired main breaker to series |  |  |  |
| K3450             | Telephone/CATV mounting bracket (mounts left or right)    |  |  |  |
| K5039             | Penta bolt utility cover                                  |  |  |  |

### Notes

- Parallel to Series Conversion: For field converting from parallel wired to series wired order K5194.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- Stabilizer Foot: For field installed stabilizer foot, order K5415.
- Penta Bolt Locking: For field installed pedestal fronts penta bolt locking, order K5039.
- Pad Mount Units: Pad mount pedestals require K5035 pad mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.



U5706 Series | Ringless



### U5706-O-200S

## **Specifications**

- 200 amp, 1Ø, 120/240 volt, 22K AIC, underground service only.
- U5706 has ringless meter socket available with or without horn bypass (-KK).
- U5707 has ring type meter socket with MR-4 screw type meter ring.
- Suitable for use as service equipment, mobile home service equipment and temporary power service equipment.
- Direct burial pedestal suitable for free standing or structure mounted installation.
- Separate line and load wireways are removable, lockable and sealable for security.
- Left side is for utility connection. Right side is for customer underground load exit.
- Convenient knockouts in post for through-wall load exit requirements.
- Type 3R enclosure constructed with type G90 galvanized steel.
- Repaintable light gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors: Line & Neutral: #6-350 Ground: (4) #14-1/0.
- Main circuit breaker can be series or parallel connected.
- Universal 4 circuit branch 125 amp interior (up to (2) 2-pole) accepts most manufacturers plug-in type circuit breakers. See wiring diagram.
- \*Provisions for up to two Type 3R in-use receptacle.
- \*Order receptacle and bridge separately. See ordering information.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



U5706 & U5707 Temp to Final | Ringless/Ring Type

## 200 Amp | 4 Terminal | Meter Main Pedestal | Ringless

| Catalan Number  | Comico  |        |        | Connectors CU/Al |      | ors CU/AL | Dimensions |      |   | Knockouts |         |  |  |  |
|-----------------|---------|--------|--------|------------------|------|-----------|------------|------|---|-----------|---------|--|--|--|
| Catalog Number  | Service | Bypass | Line   | Load             | D"   | W"        | H"         | 1    | 2 | 3         | 4       |  |  |  |
| U5706-O-200S    | UG      | None   | #6-350 | СВ               | 51/2 | 14        | 80         | 21/2 | 2 | 1         | 1/4,1/2 |  |  |  |
| U5706-O-200S-KK | UG      | Horn   | #6-350 | СВ               | 51/2 | 14        | 80         | 21/2 | 2 | 1         | 1/4,1/2 |  |  |  |

## 200 Amp | 4 Terminal | Meter Main Pedestal | Ring Type

| Catalan Number | Comilar | Durana        | Connectors CU/AL |      | Dimensions |    |    | Knockouts                |   |   |         |
|----------------|---------|---------------|------------------|------|------------|----|----|--------------------------|---|---|---------|
| Catalog Number | Service | ervice Bypass | Line             | Load | D"         | W" | H" | 1                        | 2 | 3 | 4       |
| U5707-O-200S   | UG      | None          | #6-350           | СВ   | 5½         | 14 | 80 | <b>21</b> / <sub>2</sub> | 2 | 1 | 1/4,1/2 |

### Notes

• Fifth Terminal: For field installed fifth terminal, order K5T.

• Receptacles: Maximum of two receptacles can be added. Contact Milbank for details.

- Post Extension Kit: To increase pedestal height, order field-installed post extension kit K5708.
- Series-to-Parallel Field Conversion: For field conversion from series to parallel wired, order kit K5193.
- Branch Circuit Breakers (Four Additional Single Pole Spaces): Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler Hammer). Load center's four left stabs are rated up to 125 amp total.

#### Accessories



K5400-BRIDGE-1POS



K5400-BRIDGE-2POS



UQFPH-M-200

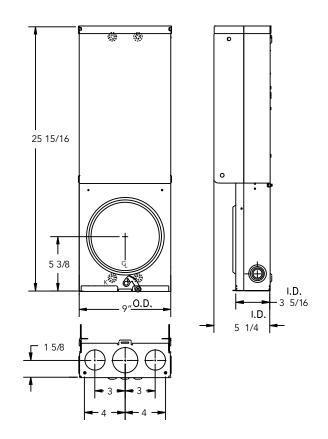


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U4908 & U4909 Underground Service Power Outlet







## **Specifications**

- Available in ringless style (U4908 series) or ring type (U4909 series).
- UL listed 100 amp, 120/240 Volt 1Ø Underground Service Power Outlets.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- ANSI 61 gray polyester powder coat finish.
- Convenient concentric knock-out configurations and mounting embosses.
- Wire terminations accept copper or aluminum conductors. Service – Line & Neutral: (1) #6-2/0 Load Ground: (2) 1/0-#14 & (4) #6-#14 Load Neutral: (2) 1/0-#14 & (4) #6-#14 Service Ground: #2-#8
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Three position **self-grounded** receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Four terminal, ringless meter socket with stainless steel locking hasp. Ring type socket has aluminum **MR-2** snap action sealing ring.
- Lockable hinge cover and deadfront are removable for installation and maintenance. Stay-open hinge cover has safety interlock on deadfront. Deadfront must be removed before hinge cover can be removed.
- Tamper proof fastening available.

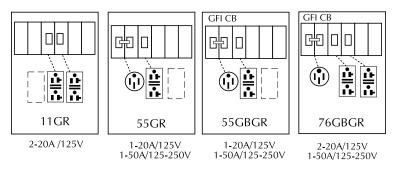
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.





U4908 & U4909 Underground Service Power Outlet

## U4908 & U4909 Standard Configurations



## **Ordering Information**

| Order base model and up to three factory installed receptacle/breaker  |
|--|
| kit separately from list below. Other kits available. Consult factory.   |
|  |
|  |
| Order base model and up to three factory installed receptacle/breaker kit separately from list below. Other kits available. Consult factory. |
|  |
|  |
|  |

Note: Flat cover may not close completely with twist locking devices in use. Order slope-front 3R cover #1107681 separately to use with twist lock type receptacles.

• Stock item - availability subject to prior sale.

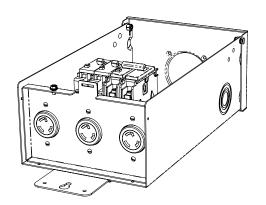
Non-stock items - minimum order quantity required.



Series U5001 Unmetered Service Mount Power Outlet







U5001-RL-01

## **Specifications**

- UL listed 125 amp, 120/240 Volt, 1Ø Power Outlet.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors. Line: 1/0-#4 Ground/Neutral: (4) 1/0-#14 & (11) #14-#6
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and deadfront are removable for installation and maintenance.
- U5001-RL-01 includes:
  - (1) L6-30 (1) 30 Amp, 2P, 240V GFI Breaker
  - (2) L5-20 (2) 20 Amp, IP, 120V GFI Breaker

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.





Series U5001 Metered Surface Mount Power Outlet



U5865-XL-38GBGRW

## **Specifications**

- UL listed 125 amp, 120/240 Volt, 1Ø Power Outlet.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors. Line & Line Neutral: 250-#6
- Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and deadfront are removable for installation and maintenance.
- U5865-XL-38GBGRW includes:
- (1) L6-30 (1) 30A, 2P, 240V GFI Breaker
- (2) L5-20 GFI receptacles (2) 20A, IP, 120V Breaker



Series U5001 Unmetered Service Mount Power Outlet

| Catalog Number | Circuit Breaker Description                                |  |  |  |
|----------------|--|--|--|--|
| Q115           | 15 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |  |  |  |
| Q120           | 20 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |  |  |  |
| Q130           | 30 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |  |  |  |
| Q220           | 20 Amp – 1 Pole – 120/240 – Plug-In Circuit Breaker        |  |  |  |
| Q250           | 50 Amp – 2 Pole – 120/240 – Plug-In Circuit Breaker        |  |  |  |
| Q2100          | 100 Amp – 2 Pole – 120/240 – Plug-In Circuit Breaker       |  |  |  |
| 708784-MO      | 20 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |  |  |  |
| 708785-MO      | 30 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |  |  |  |
| 707915-MO      | 50 Amp – GFCI – 1 Pole – 120/240 – Plug-In Circuit Breaker |  |  |  |
| 703997-MO      | 50 Amp – Quad – 2 Pole – 120/240 – Circuit Breaker         |  |  |  |

| Catalog Number | Receptacle Description   |
|----------------|--|
| 708777-MO      | 20 Amp – 120V – NEMA 5-20R – Duplex Receptacle                 |
| 708080-MO      | 20 Amp – 120V – NEMA 5-20 – GFCI Duplex Receptacle             |
| 704995-MO      | 20 Amp – 250V – NEMA 6-20R – Single Receptacle                 |
| 701776-MO      | 30 Amp – 120V – NEMA TT-30R – Travel Trailer Receptacle        |
| 706761-MO      | 50 Amp – 120V – 3 Pole – 3 Wire – NEMA 10-50R – Receptacle     |
| Z700911-MO     | 50 Amp – 120/250V – 3 Pole – 4 Wire – NEMA 14-50R – Receptacle |

| Catalog Number   | Lug Landings & Breaker Base Description     |
|------------------|---|
| Z1050596         | MPRV/MPAP – Lug Landing (Twin #6-350 KCMIL) |
| Z020-148-00-00-0 | MPAP – Complete Interior Assembly           |

### Note

 The following brand names may be supplied when replacement circuit breakers are ordered: Cutler-Hammer/ Westinghouse – QP, BQC, BD, BR. Siemens/ITE – Q, QT. General Electric – TQ, THQ, THQL. Challenger – C, Q, QC, QP. Contact sales office for brand specific requirements.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.

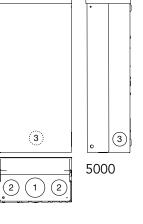




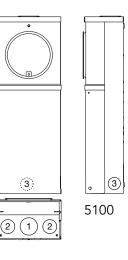
## **Surface Mount Power Outlets**

Millennium Series | 120/240 VAC





U5000-XL-75



U5100-XL-75

## 125 Amp | Surface Mount Power Outlets

| Catalog     | Metered/  | Metered/ Receptacle C |               | Circuit Breaker Loop |             | Dir  | nensi      | ons | Kn | ocko | uts  |
|-------------|-----------|-----------------------|---------------|----------------------|-------------|------|------------|-----|----|------|------|
| Number      | Unmetered | Configuration         | Configuration | Feed                 | Line        | D"   | W"         | H"  | 1  | 2    | 3    |
| U5000-XL    | Unmetered | —                     | —             | Yes                  | (2) 1/0-#12 | 51⁄2 | <b>9</b> ½ | 19¼ | 2  | 11/2 | 11⁄4 |
| U5000-XL-41 | Unmetered | A                     | Х             | Yes                  | (2) 1/0-#12 | 5½   | <b>9</b> ½ | 19¼ | 2  | 1½   | 11⁄4 |
| U5000-XL-55 | Unmetered | В                     | Y             | Yes                  | (2) 1/0-#12 | 51⁄2 | 91/8       | 19¼ | 2  | 11/2 | 11⁄4 |
| U5000-XL-75 | Unmetered | С                     | Z             | Yes                  | (2) 1/0-#12 | 5½   | <b>9</b> ½ | 19¼ | 2  | 1½   | 11⁄4 |
| U5100-XL    | Metered   | _                     | —             | No                   | #6-250      | 51⁄2 | 91/8       | 25  | 2  | 11/2 | 11⁄4 |
| U5100-XL-41 | Metered   | A                     | Х             | No                   | #6-250      | 5½   | <b>9</b> ½ | 25  | 2  | 1½   | 11⁄4 |
| U5100-XL-55 | Metered   | В                     | Y             | No                   | #6-250      | 51⁄2 | <b>9</b> ½ | 25  | 2  | 11/2 | 11/4 |
| U5100-XL-75 | Metered   | С                     | Z             | No                   | #6-250      | 5½   | <b>9</b> ½ | 25  | 2  | 1½   | 11⁄4 |

## **Receptacle Configurations**

| А                        | В                         | С                                       |
|--------------------------|---------------------------|---|
|                          |                           |   |
| (1) TT30R, (1) 5-20R GFI | (1) 14-50R, (1) 5-20R GFI | (1) 14-50R, (1) TT30R,<br>(1) 5-20R GFI |

### **Circuit Breaker Configurations**

| Х                                      | Y  | Z   |
|--|--|---|
|  |  |   |
| (1) 30A, 1P, 120V<br>(1) 20A, 1P, 120V | (1) 50A, 2P, 120/240V<br>(1) 20A, 1P, 120V | (1) 50A, 2P, 120/240V<br>(1) 30A, 1P, 120V<br>(1) 20A, 1P, 120V |

## NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

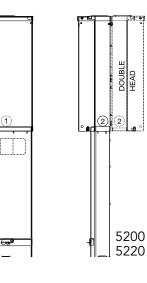


## **Power Outlet Pedestals**

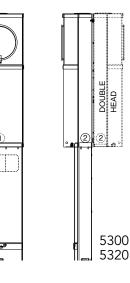
Millennium Series | 120/240 VAC











HEAD

U5200-XL-75

125 Amp | Power Outlet Pedestals

| Catalog     | Catalog Double Head Metered/ Receptacle Circuit Breaker |           | Dimensions    |   |      | Mounting   |     |               |
|-------------|---|-----------|---------------|---|------|------------|-----|---------------|
| Number      | Catalog Number  | Unmetered | Configuration |   |      | W"         | H"  | Туре          |
| U5200-XL    | U5220-XL  | Unmetered | —             | — | 5%16 | <b>9</b> ½ | 64½ | Direct Burial |
| U5200-XL-41 | U5220-XL-41   | Unmetered | A             | Х | 5%16 | <b>9</b> ½ | 64½ | Direct Burial |
| U5200-XL-55 | U5220-XL-55   | Unmetered | В             | Y | 5%16 | 91/8       | 64½ | Direct Burial |
| U5200-XL-75 | U5220-XL-75   | Unmetered | С             | Z | 5%16 | <b>9</b> ½ | 64½ | Direct Burial |
| U5300-O     | U5320-O   | Metered   | _             | — | 5%16 | 91/8       | 70¼ | Direct Burial |
| U5300-O-41  | U5320-O-41  | Metered   | A             | Х | 5%16 | <b>9</b> ½ | 70¼ | Direct Burial |
| U5300-O-55  | U5320-O-55  | Metered   | В             | Y | 5%16 | 91/8       | 70¼ | Direct Burial |
| U5300-O-75  | U5320-O-75  | Metered   | С             | Z | 5%16 | <b>9</b> ½ | 70¼ | Direct Burial |

## **Notes**

• Receptacle Configurations - Reference chart on page 79.

NOTE

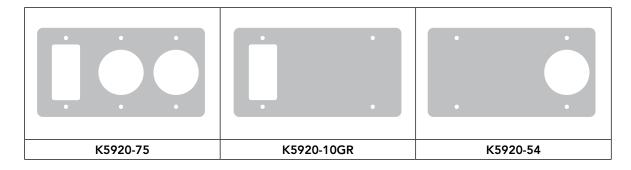
These units are typically used for submetering applications. Contact factory for additional configurations not shown here. Pad mount is available. Contact factory for information.

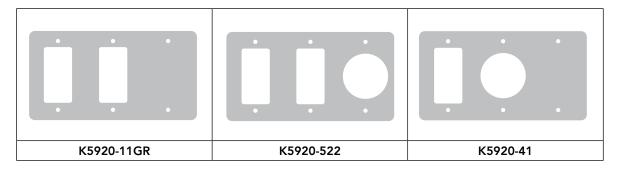


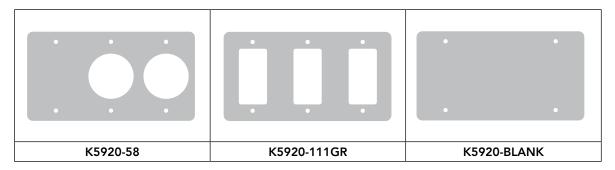


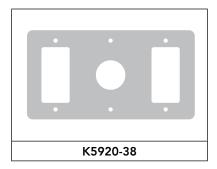
## **Replacement Receptacle Plates**

For Millennium Series Products









## Notes

• For application details, consult factory.



# Lighting Accessories

For Millennium Series Products

## Internal LED Light Kits for Unmetered Power Outlets (U5000 & U5200)

| Application     | Internal light kit for unmetered power outlets  |   |
|-----------------|---|---|
| LED<br>Features | Includes new LED light, lamp shield and opaque hinge cover<br>lens. Factory wired to 20 amp GFI circuit. May be wired to<br>separate 20 amp circuit breaker.<br>Order <b>Q120</b> separately.<br>Cover on unmetered power outlet is 191/8" in height. |   |
| Ordering        | Order with <b>-LD</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K6212</b> for field installed.  | 2 |

### Internal Florescent Light Kits for Unmetered Power Outlets (U5000 & U5200)

| Application             | Internal light kit for unmetered power outlets  |  |
|-------------------------|---|--|
| Fluorescent<br>Features | Includes 5-watt fluorescent lamp socket, ballast, lamp shield<br>and opaque hinge cover lens. Factory wired to 20 amp GFI<br>circuit. May be wired to separate 20 amp circuit breaker.<br>Order <b>Q120</b> separately.<br>Cover on unmetered power outlet is 19 <sup>1</sup> / <sub>8</sub> " in height. |  |
| Ordering                | Order with <b>-L</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K5411</b> for field installed.   |  |

#### Photoelectric Light Control Kit

| Application | Photoelectric light control kit for <b>K5411</b> light kits.  |  |
|-------------|---|--|
| Features    | 2.5 amp, 120 volt photo electrical control wired in series with <b>K5411</b> light kits.  |  |
| Ordering    | Order with <b>-LPC</b> suffix for factory installed light and PE control.<br>Order catalog number <b>K5413</b> for field installed. |  |

### WARNING!

Always disconnect power prior to installing these devices.

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# **Lighting Accessories**

For Millennium Series Products

### Internal Light Kits for Metered Power Outlets (U5100 & U5300)

| Application             | Internal light kit for metered power outlets  |  |
|-------------------------|---|--|
| LED Features            | <b>Includes new LED light</b> , lamp shield and opaque hinge cover<br>lens. Factory wired to 20 amp GFI circuit. May be wired to<br>separate 20 amp circuit breaker. Order <b>Q120</b> separately.<br>Cover on metered power outlet is 15 <sup>1</sup> / <sub>4</sub> " in height.                      |  |
| Ordering                | Order with <b>-LD</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K6213</b> for field installed.  |  |
| Application             | Internal light kit for metered power outlets  |  |
| Fluorescent<br>Features | Includes 5-watt fluorescent lamp socket, ballast, lamp shield<br>and opaque hinge cover lens. Factory wired to 20 amp GFI<br>circuit. May be wired to separate 20 amp circuit breaker. Order<br><b>Q120</b> separately.<br>Cover on metered power outlet is 15 <sup>1</sup> / <sub>4</sub> " in height. |  |
| Ordering                | Order with <b>-L</b> suffix (after catalog number) for factory installed.<br>Order catalog number <b>K5412</b> for field installed.   | And and a second |

### Photoelectric Light Control Kit

| Application | Photoelectric light control kit for <b>K5412</b> light kits.  |          |
|-------------|---|----------|
| Features    | 2.5 amp, 120 volt photo electrical control wired in series with <b>K5412</b> light kits.  | <b>9</b> |
| Ordering    | Order with <b>-LPC</b> suffix for factory installed light and PE control.<br>Order catalog number <b>K5413</b> for field installed. |          |

### WARNING!

Always disconnect power prior to installing these devices.



## **Telecom and Pedestal Accessories**

For Millennium Series Products

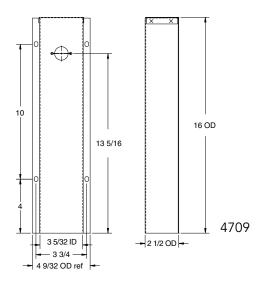


### Telephone and Cable TV Kit

| Application | Mounts to rear of pedestal series <b>U5200</b> and <b>U5300</b> . May also be adaptable to a wooden or similar structure.                              |             |          |
|-------------|--|-------------|----------|
| Features    | Single: 16" galvenized raceway, (1) RJ11 telephone jack<br>and (1) Type F coaxial CATV jack.<br>Dual: 16" galvenized raceway, (2) RJ11 telephone jacks |             |          |
|             | and (1) Type F coaxial CATV jack.<br>Includes mounting hardware and instructions.  |             |          |
| Ordering    | Single line telephone and cable TV kit order <b>K4709-02</b> .   |             |          |
| Note        | Confirm acceptability with Cable TV and Telephone provider before ordering or installing these devices.  | K4709-02-3R | K4709-02 |

#### Water Shroud with Hardware

| Application | Used to cover water pipe and provide means to mount hose bib to rear of pedestal.                    |  |
|-------------|--|--|
| Features    | Includes mounting hardware and instructions.<br>Matches <b>K4709</b> kits when mounted side-by-side. |  |
| Ordering    | Order catalog number <b>K4709-WS</b> .   |  |



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## **Pedestal Mounting Accessories**

For Millennium Series Products

### Field-Installed Pad Mount Kit

| Application | Field installed pad mount kit with (6) ¾" mounting holes.   |  |
|-------------|---|--|
| Features    | Includes ¼-20 stainless steel hardware to attach pad<br>mount base to post.<br>Anchor bolt kit sold separately (order catalog number<br><b>K5421</b> ). |  |
| Ordering    | Order catalog number <b>K5410</b> .   |  |

#### Stabilizer Foot with Hardware

| Application | Stabilizes direct burial type posts in unstable soil conditions.             | • |
|-------------|--|---|
| Features    | Includes ¼-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals. |   |
| Ordering    | Order catalog number <b>K5415</b> .  |   |

### Anchor Bolt Kit

| Application | Concrete anchor bolt kit designed to attach pad mount base to concrete.               |  |
|-------------|---|--|
| Features    | (4) sets of zinc-plated ½-11 x 10" bolt with 2" toe.<br>Includes nut and flat washer. |  |
| Ordering    | Order catalog number <b>K5421</b> .   |  |



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## Metering & Receptacle Accessories

For Millennium Series Products



### Field-Installed Meter Kits

| Application | Field installed meter kit for <b>U5000</b> and <b>U5200</b> power outlets.  |                 |
|-------------|---|-----------------|
| Features    | 100 amp cast meter socket, CL200 E-Z Read Meter,<br>sealing ring, security seal, 1" Milbank hub, nipple<br>and mounting screws.<br>See CL200 for Watt-hour meter specification. | ERENE DE LECENT |
| Ordering    | Order catalog number <b>K4800-01 mechanical meter</b><br>kit, or K4800-D digital meter kit.   |                 |
| -Z Read Wat | tt-Hour Meter   |                 |
|             | 200 amp E-Z read watt-hour meter designed to be   |                 |

| Application | 200 amp E-Z read watt-hour meter designed to be field installed on the U5100 and U5300 metered power outlets.  |                           |
|-------------|--|---------------------------|
| Features    | 200 amp form 2S 120/240 volt.<br>Numeric readout in full kilowatt increments. No<br>"tenths" dial; digital readout option available.<br>Remanufactured within 1% accuracy. |                           |
| Ordering    | Order catalog number <b>CL200-D</b> .  | <b>CL200-D</b><br>Digital |

#### Single Receptacle Only Power Outlet

| Application           | Overhead/underground power outlet receptacle,<br>suitable for RV, temporary service, campground,<br>marina and boatyard equipment. |   |                                       |   |
|-----------------------|--|---|---------------------------------------|---|
| Features              | Lockable cover.  | ) volt single phase<br>ded (in receptacle |                                       |   |
| Ordering              | Order catalog number from chart below.   |   | pelow.                                | Ţ   |
| Receptacle<br>Options | <b>P-10GWR</b><br>20A 5-20GR<br>120V GFI   | <b>P-13</b><br>30A TT-30R<br>120V         | <b>P-54</b><br>50A 14-50R<br>120/240V | ANGER / ÉÉLIGRO<br>Do Lesting, automotion and<br>Bornes and |

## WARNING!

Always disconnect power prior to installing these devices.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



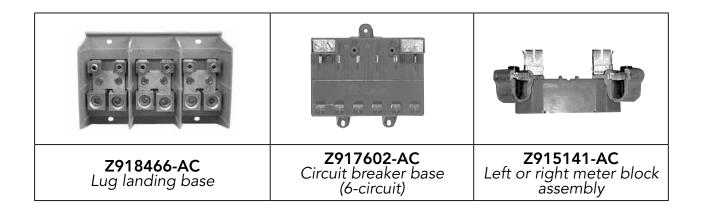


## **Replacement Parts & Accessories**

For Millennium Series Products

|                 |                     | 30<br>T PPE Are<br>T PPE A | 50 50<br>50 50<br>Friedrich<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiester<br>Strategiest |
|-----------------|---------------------|--|--|
| <b>Q120</b>     | <b>708784-MO</b>    | <b>Q130</b>  | <b>Q250</b>  |
| 20 Amp, 1 pole  | 20 Amp, 1 pole      | 30 Amp, 1 pole   | 50 Amp, 2 pole   |
| circuit breaker | GFI circuit breaker | circuit breaker  | circuit breaker  |

| Main Breaker Kit<br>Part number | Metered/Unmetered<br>Surface Mount/ Pedestal | Amp |
|---------------------------------|--|-----|
| K5400-100MBM                    | Metered                                      | 100 |
| K5400-100MBU                    | Unmetered                                    | 100 |



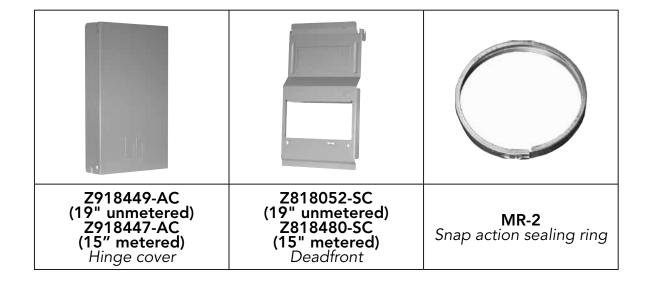


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## **Replacement Parts & Accessories**

For Millennium Series Products





| <b>Z708080-MO</b>     | <b>Z701776-MO</b> | <b>Z708767-MO</b> |
|-----------------------|-------------------|-------------------|
| 20 Amp GFI receptacle | 30 Amp receptacle | 50 Amp receptacle |
| NEMA 5-20GR           | NEMA TT-30        | NEMA 14-50R       |

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# **Recreational Vehicle**

600-1200 Amp | Pad Mounted Panel Board



### **Specifications**

- 600 to 1200 amp, 120/240 Volt, 1Ø distribution bus accepts up to (6) 2 pole, 200 amp circuit breakers. Order from chart below.
- Costly main breaker not required per NEC 230-71.
- Economical alternative to costly wall hung or strut-mounted panel boards and load centers.
- Low profile, aesthetic design can be located near utility transformers or fed from a main service to a convenient location.
- Pad mounted Type 3R powder coated aluminum enclosure standard color is gray.
- Hinge door and lift off rear service door are lockable and sealable for security.

NOTE: Consult local code enforcement for pad size requirements. Order catalog number CP-24-PDMNT-CALT pad mount base or catalog number CP-ABK5/8 anchor bolt kit separately.

#### **Circuit Breakers**

| Catalog       | Catalog |       | Volts   | Connectors CU/AL                          |                     |    | Dimensions |    |  |
|---------------|---------|-------|---------|---|---------------------|----|------------|----|--|
| Number        | Amp     | Phase | VOITS   | Line                                      | Load                | D" | W"         | H" |  |
| CP3B-AUX-1200 | 1200    | 1Ø    | 120/240 | (3) 1-600 kcmil/Ø or<br>(3) 2-250 kcmil/Ø | See Circuit Breaker | 17 | 24         | 41 |  |



#### **Circuit Breakers**

#### 200 Amp Frame | Plug-In | 10K AIC | Two-Pole | Common Trip

| 2-Pole | 10K AIC  | Package  | Connecto          | ors CU/AL |  |
|--------|----------|----------|-------------------|-----------|--|
| Rating | Plug-In  | Quantity | Line              | Load      |  |
| 100    | UQFP-100 | 1        | #3-#1 – #1-1/0    |           |  |
| 125    | UQFP-125 | 1        | #3-#1 – #1-1/0    |           |  |
| 150    | UQFP-150 | 1        | 1/0-300 – 2/0-300 |           |  |
| 175    | UQFP-175 | 1        | 1/0-300 – 2/0-300 |           |  |
| 200    | UQFP-200 | 1        | 1/0-300 – 2/0-300 |           |  |
| 225    | UQFP-225 | 1        | 1/0-300 – 2/0-300 |           |  |

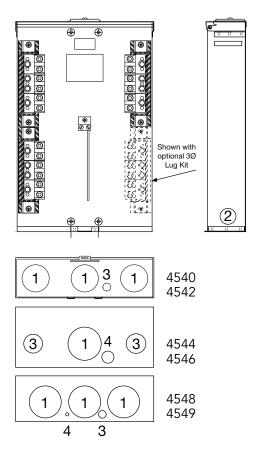


## **Recreational Vehicle**

600-1200 Amp | Pad mounted Panel Board



U4540-XL



#### Terminal Boxes | 1Ø & 3Ø | 120/240 Volt

| Catalog   | A   | Dhase | Valta   | LL.J. | 1Ø to  | Connectors                  | Di   | nensio                                 | ons |   | Kn | ocko | uts      |          |
|-----------|-----|-------|---------|-------|--------|-----------------------------|------|--|-----|---|----|------|----------|----------|
| Number    | Amp | Phase | Volts   | Hub   | 3Ø Kit | CU7AL                       | D"   | W"                                     | H"  | 1 | 2  | 3    | 4        | 5        |
| U4544-XL  | 100 | 1     | 120/240 | C.P.  | K4543  | (6) #12-1/0                 | 41/8 | <b>9</b> <sup>13</sup> / <sub>16</sub> | 18  | _ | 2  | 2    | 1        | 1/4, 1/2 |
| U4546-XL  | 100 | 3     | 600     | C.P.  | N/A    | (6) #12-1/0                 | 41/8 | <b>9</b> <sup>13</sup> /16             | 18  | _ | 2  | 2    | 1        | 1/4, 1/2 |
| U4540-XL  | 200 | 1     | 120/240 | C.P.  | K4539  | (6) #6-350                  | 41/8 | <b>14</b> <sup>13</sup> ⁄16            | 23  | — | 1¼ | 21/2 | 21⁄2     | 1/4, 1/2 |
| U4542-XL  | 200 | 3     | 600     | C.P.  | N/A    | (6) #6-350                  | 41/8 | <b>14</b> <sup>13</sup> ⁄16            | 23  |   | 1¼ | 21/2 | 21/2     | 1/4, 1/2 |
| U4548-RXL | 400 | 1     | 120/240 | C.P.  | K4547  | (3) #6-350 or<br>(2) #4-600 | 5    | 15½                                    | 27  | 3 | 3  | 3    | 1/4, 1/2 | 1⁄4      |
| U4549-RXL | 400 | 3     | 600     | C.P.  | N/A    | (3) #6-350 or<br>(2) #4-600 | 5    | 15½                                    | 27  | 3 | 3  | 3    | 1/4, 1/2 | 1⁄4      |

#### **Notes**

- Hub: Standard hub opening on top with closing plate attached.
- Features: UL listed pad lockable Type 3R enclosure.
- 3Ø 120/240V application: Field-installable 3Ø lug kit converts 1Ø unit to 3Ø unit.



## 92 DRY TYPE

# **Dry Type Transformers**

TRANSFORMERS With Distribution for RV & Mobile Home Park Applications

480V, A

2400V, A



| 480 Volts to 120/240 Single Phase |      |           |  |  |  |  |
|-----------------------------------|------|-----------|--|--|--|--|
| Catalog Number                    | KVA  | Weight    |  |  |  |  |
| 10URMD*                           | 100  | 1050 lbs. |  |  |  |  |
| 16URMD*                           | 167½ | 1400 lbs. |  |  |  |  |
| 20URMD*                           | 200  | 1650 lbs. |  |  |  |  |
| 25URMD                            | 250  | 1950 lbs. |  |  |  |  |
| * III lists d                     | ·    |           |  |  |  |  |

\* UL listed

| 2400 Volts to 120/240 Single Phase |      |           |  |  |  |  |
|------------------------------------|------|-----------|--|--|--|--|
| Catalog Number                     | KVA  | Weight    |  |  |  |  |
| 10URMD24                           | 100  | 1050 lbs. |  |  |  |  |
| 16URMD24                           | 167½ | 1400 lbs. |  |  |  |  |
| 20URMD24                           | 200  | 1650 lbs. |  |  |  |  |
| 25URMD24                           | 250  | 1950 lbs. |  |  |  |  |

| Voltage | D | imensio | ns |
|---------|---|---------|----|
|         |   |         |    |

48

48"

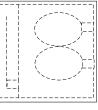
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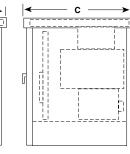
40"

53"

38'

41"





## **Specifications**

- Built in accordance with NEMA, ASA and AIEEE standards. Designed and tested to withstand 150% of rated load for two continuous hours. Consult local utility for acceptance of this product.
- Integrated design of the enclosure, core and coil, and secondary distribution panel permits convenient vertical line and load terminations.
- Primary and/or secondary main circuit breaker protection available. Consult local utility for 480 volt overcurrent protection requirements. Single fuse primary overcurrent protection provided on 2400 volt and above units.
- Other primary voltages available: 4160, 4800, 7200, 7960, & 12,470. Consult factory. Not UL listed.

## **Core and Coil**

- Aluminum wound (Copper available)
- Standard voltage taps @ 2FCAN and 4FCBN
- Rated at 150° C temperature rise

### **Distribution Bus**

- 1600 amp tin plated aluminum
- Space available for up to (12) circuit breakers 1600 amp maximum
- Uses Milbank type UQFP-100 through 200 amp circuit breakers (See page 117-118)



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### Enclosure

- Type 3R enclosure
- Powder coated galvanized steel (aluminum available)
- Lockable primary and secondary doors
- Lifting hooks and fork lift slots provided

Attractive | Easy to Install | Secure | Cost-Effective

## **93** pedestals

#### Milbank Commercial Pedestals are

pad-mounted, weatherproof electrical enclosures consisting of a utility pull section with optional meter socket, and a customer section containing distribution and control equipment. Milbank Commercial Pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures.



Strut and backboard



**Commercial pedestal** 

## UL Listed as Industrial Control Equipment (File E113855)

### **Standard Features**

- Type 3R rain resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available)
- UL listed as enclosed industrial control equipment (UL508)
- Isolated lockable & sealable utility metering and lug landing sections
- Lockable customer section for distribution and control equipment with internal deadfront
- Print pocket inside customer section door contains wiring schematics and installation instructions
- Most load centers are UL listed for use with various manufacturers' circuit breakers
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws)















Attractive | Easy to Install | Secure | Cost-Effective







## **Applications**

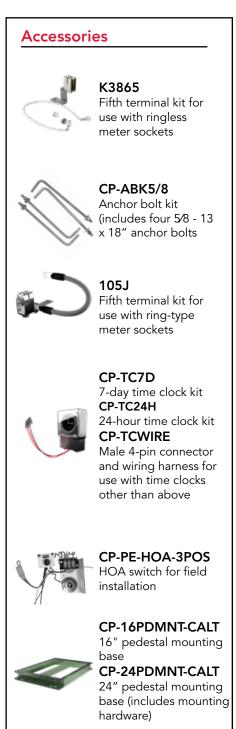
These units are ideal for controlling and metering:

- Traffic signals
- Street lighting
- Power distribution for EV charging stations
- Irrigation and sprinkler systems
- Cell towers and telephone vaults
- Pump stations
- Temporary power for fairgrounds, swap meets, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances, etc.

### **Available Factory-Installed Options**

- Meter sockets: ring type or ringless, up to 400 amp
- Main and branch breakers or T fuses
- Distribution: copper load centers and panel boards
- Clocks, timers and relays
- Photoelectric cells and controls
- Power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: definite purpose, electrical or mechanically held, IEC and mercury types
- Surge protection and lightning arrestors
- Reserve inlet generator receptacle with interlocked circuit breakers
- Motor starters and relays
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and terminal blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers
- Available in steel, aluminum (raw painted or anodized) or stainless steel construction with powder coated finish available in eight standard colors or special-ordered RAL colors
- Available for applications up to 400 amp, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø





## **Commercial Pedestals** Main Load Center Series | Custom Designs Available

## CP3B "ML" Series

Main Load Center Series 1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads

**Milbank Main Load Center Commercial Pedestals** are designed to handle the vast majority of all requirements in a standard, stocked configuration.

- All units feature a load center with a plug-on, back-fed main breaker.
- Load center has 16 positions for the 100 amp pedestals and 24 circuits for the 200 amp pedestals.
- Both sizes include sub-feed lugs to allow feeding an external panel.

If your application requires turning loads on based on "dusk-to-dawn" requirements, be sure to see the Milbank Switched Load Center Commercial Pedestal products on the following page.

### Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K amp interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 amp model) or 14 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



#### **Typical Applications**

Remote site service for multiple loads.

| Standard Pedestals | Optional Fifth | Main CB |         | Load Center | Maton Cooket Turo                 |
|--------------------|----------------|---------|---------|-------------|-----------------------------------|
| Standard Pedestals | Terminal Kit   | Amp     | Spaces  | Circuits    | Meter Socket Type                 |
| CP3B11115A22       | 105J           | 100     | 1,2     | 16          | Ring type with test/bypass blocks |
| CP3B12119A22       | 105J           | 200     | 1,2,3 4 | 24          | Ring type with test/bypass blocks |
| CP3B51115A22       | K3865          | 100     | 1,2     | 16          | Ringless socket with lever bypass |
| CP3B52119A22       | K3865          | 200     | 1,2,3,4 | 24          | Ringless socket with lever bypass |

### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.

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## 96 Commercial Pedestals Switched Load Center Series | Custom Designs Available

## CP3B "SL" Series

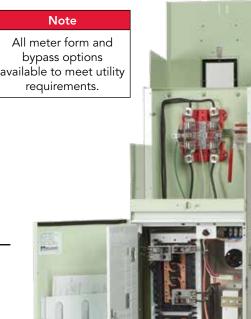
Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V

**Milbank Switched Load Center Commercial Pedestals** are designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

## Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K amp interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 amp model) or 11 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



#### **Typical Applications**

Traffic signals, parking lots, highways & athletic field lighting

| Chandend Dedestals | <b>Optional Fifth</b> | Mai | n CB    | Contactor | Mater Carlet Tura                 |
|--------------------|-----------------------|-----|---------|-----------|-----------------------------------|
| Standard Pedestals | Terminal Kit          | Amp | Spaces  | amperage  | Meter Socket Type                 |
| CP3B11110A22SL1    | 105J                  | 100 | 1,3     | 60        | Ring type with test/bypass blocks |
| CP3B12110A22SL1    | 150J                  | 200 | 1,2,3,4 | 100       | Ring type with test/bypass blocks |
| CP3B51110A22SL1    | K3865                 | 100 | 1,3     | 60        | Ringless socket with lever bypass |
| CP3B52110A22SL1    | K3865                 | 200 | 1,2,3,4 | 100       | Ringless socket with lever bypass |

#### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.



## 400 Amp Series



**Typical Applications** 

Remote site service for residential and commercial job sites.

**Milbank 400 Amp Commercial Pedestals** are designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

- Choice of a single main breaker or twin service disconnect breakers gives flexibility to the pedestal design.
- Optional distribution with feed-through lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Available in custom colors to match home or landscaping.

### Features

These units include everything required for remote service:

- Type 3R construction
- Main circuit breaker or dual service disconnects
- Expandable: load center units allow for future expansion without costly modifications
- Optional mounting base can be embedded in concrete for fast, easy installation
- Separate sealable and lockable utility termination section with lug termination
- Separate sealable and lockable metering section
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation
- Meter socket options include ring type with bypass studs, ringless with heavy duty lever bypass, or K-Type bolt-on

| Standard Pedestals | Optional fifth<br>Terminal Kit | Main CB           | Load Center Circuits        | Meter Socket Type                |  |
|--------------------|--------------------------------|-------------------|-----------------------------|----------------------------------|--|
| CP3B1411JB         | N/A                            | 320 Amp (400 max) | 0                           | Ring-type with test/bypass studs |  |
| CP3B14120B         | N/A                            | 2-200 Amp         | (2) 12 circuit <sup>1</sup> | Ring-type with test/bypass studs |  |
| CP3B54120B22       | K3865                          | 2-200 Amp         | (2) 12 circuit <sup>1</sup> | Ringless with lever bypass       |  |
| CP3B5411JB22       | K3865                          | 320 Amp (400 max) | 0                           | Ringless with lever bypass       |  |

### Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.
- Stud utility landing is standard. Lug kits are available from factory.
- Units with load centers have (2) #6-250 sub-feed lugs on each load center. (Each load center is 200 amp rated and UL listed with: Siemens, General Electric and Cutler-Hammer plug-in style circuit breakers.)

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CP3B "IR" Irrigation Control Series

**Milbank "IR" Series Irrigation Pedestals** install quickly and simply—often in less than an hour with



a single technician—a fraction of the time typically needed for strut farm and other installation set ups. Additionally, the pedestal comes pre-wired, so the technician simply drops in the pre-drilled concrete box pad, fastens the pedestal and runs the wires. Prewired landing lugs are provided in a separate utility side so that there is no more need to wrestle with hard-to-bend wires. Simply run the utility wire up and land on the lugs. With both the motor starter and disconnect in the same enclosure, all the controls are housed in a safe, lockable pedestal that protects against vandalism and energy theft.

### **Features**

- 3Ø4W, 480Y/277 volt
- One technician can install in under an hour with use of Milbank's pre-drilled box pad
- All units are UL listed and service entrance rated
- Fused disconnect with accessible handle through the deadfront
- HOA and push button start
- Separate accessible utility side with pre-wired landing lugs
- NEMA rated starters (sizes 1-5)
- Soft start units sizes 30HP-150HP
- 30 amp fuse block for pivot pre-wired in the unit
- White powder coated paint finish helps keep components cooler
  - Options include:
    - Hour meter
    - Chemical injection receptacle
    - Multiple injection receptacle
    - Multiple 30 amp fuse blocks possible

| Standard Pedestals | Exterior Cabinet | NEMA Rating |  |
|--------------------|------------------|-------------|--|
| CP3B0281UMWIR04    | White            | 4           |  |
| CP3B0281UMWIR03    | White            | 3           |  |
| CP3B0181UMWIR02    | White            | 2           |  |
|                    |                  |             |  |

#### **Typical Applications**

Power pedestal for irrigation systems or other pump control applications.

#### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.



CP3B "BBS" Battery Backup Series



#### **Typical Applications**

Metered emergency uninterrupted power for traffic intersections, wireless, phone and communications equipment, parking lots, camera and security locations

#### Milbank BBS Series Commercial Pedestals are designed to provide battery backup power for various loads, and to switch specific loads on and off under certain conditions; a photoelectric cell or time clock to control lighting circuits, as an example. Metered and unmetered power distribution options are available. The back-up power pedestal is designed to handle the vast majority of todays back-up power requirements. By using 19" rack design, shelves can be adjusted to accommodate the required batteries and manufactures DC to AC inverters, transfer switches and other related equipment. This design gives the user a wide range of design and configuration options. Complete turnkey, ready to power-up pedestals are offered along with basic units ready to accept batteries and inverters supplied by others.

### Features

- Type 3R construction
- 100 through 320 amp meter socket with the option of either a ring type socket (conforms to EUSERC 308) with or without test/bypass blocks or a heavy duty ringless socket with lever bypass
- Separate sealable utility termination compartment
- An isolated separate customer section with service disconnects, power distribution options and power control
- 19" wide rack in customer compartment for easy layout of equipment
- Battery trays
- Thermostat with cooling fan
- Filtered louvers for heat rise flow through ventilation
- Three point door latch (key or pad lockable)

### Options

- Manual bypass switch
- Transfer switch for generator power back-up
- Generator inlet receptacles 30 through 200 amp
- Pad lockable provision for receptacles
- Police access door

- Metered load center distribution
- Unmetered load center
   distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches
- Contactors

- GFI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arrestors and lighting arrestors

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CP3B "Power Transfer" Series

Milbank Power Transfer Series Pedestals provide unmetered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle all in a neat, compact pedestal.

### **Features**

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 amp through 400 amp ratings
- UL listed Type 3R rated
- Pad lockable, isolated utility compartments
- 20 amp GFI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available



#### **Typical Applications**

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power

#### **Typical Applications**

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power



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CP3BB "CT Metered" Series



Milbank CT Metered Series Commercial Pedestals are designed to be used where a smaller service package would be a better choice over large 3R rated combination switchboards. These pedestals have amperage ratings of 400 to 800 amp at voltages up through 480 volt three phase.

### **Features**

- UL listed, freestanding Type 3R service
- A low profile CT pedestal
- All utility equipment is isolated in separated pad lockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Dead front customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel.
- Wide choice of powder paint colors

#### Typical Applications

Large homes, pumping & lift stations, motor control, water treatment plants, EV charging stations, commercial buildings, large remote service requirements, commercial and industrial control systems

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#### **Typical Applications**

Roadway lighting and signage, wastewater treatment facilities, parks and landscaping, and any application where physical space is at a premium

# **Commercial Pedestals**

CP3A "Slimline" Series

**Milbank Slimline Series Commercial Pedestals** provide a sleeker, smaller footprint, with wireway access on the side of the unit rather than the back, allowing maximum flexibility to place the pedestal in tighter spaces.

#### Features

- UL listed as service equipment
- 100 or 200 amp
- Vandal-resistant, secure and attractive design
- Customer compartment with distribution and control equipment with swing dead front door, secured with both a hasp/latch and draw latch outer door
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism
- Small footprint
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back very close to a wall (14")
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (unmetered) heights
- Includes a print pocket for plans and drawings
- 200 amp main available
- Voltage range: 120V–480V
- Compatible with both ringless and ring type meter sockets, 4–7 terminals
- Available in a wide array of colors, including but not limited too all ANSI powder coated paint colors upon request
- Pedestal mounting base option saves time and labor to install on a cement pad—no anchor bolts required
- Powder coated G90 galvanized steel, raw, anodized or powder coated aluminum and stainless steel exterior options

### "Slimline" Series Direct Bury Extension

- No need for concrete
- Bolts directly to unit
- Easy, modular design
- Ships in a smaller package
- Increases project flexibility
- Easier to handle and install
- Utilizes stabilizer feet to prevent leaning over time
- Pedestal and extension can be installed within 45 minutes

#### Notes

- 14 guage steel
- Only available for 12" pedestals



Accessories

103 COMMERCIAL PEDESTAL ACCESSORIES

| <b>CP-ABK5/8</b><br>Anchor bolt kit (includes four<br>5/8-13" x 18" anchor bolts)   | <b>K3865</b><br>Fifth terminal kit for use with<br>ringless lever bypass meter<br>sockets | <b>CP-TC7D</b><br>7-day time clock kit<br><b>CP-TC24H</b><br>24-hour time clock kit<br><b>CP-TCWIRE</b><br>Male 4-pin connector and<br>wiring harness for use with<br>time clocks other than shown | <b>105J</b><br>Fifth terminal kit for use with<br>ring type meter sockets |
|---|---|--|---|
|   |   |  |   |
| CP-16PDMNT-CALT<br>Pedestal mounting base for<br>16" pedestal<br>CP-24PDMNT-CALT<br>Pedestal mounting base<br>for 24" pedestal (includes<br>mounting hardware)<br>CP-32PDMNT<br>Pedestal mounting base<br>for 32" pedestal (includes<br>mounting hardware | <b>CP-PE-HOA-3POS</b><br>HOA (Hand-Off-Auto) switch<br>for field installation             | <b>CP-PE-TYP5-2POS</b><br>Two position PE control kit  |   |

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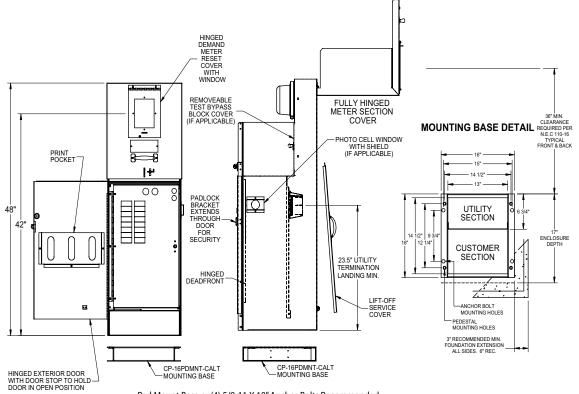


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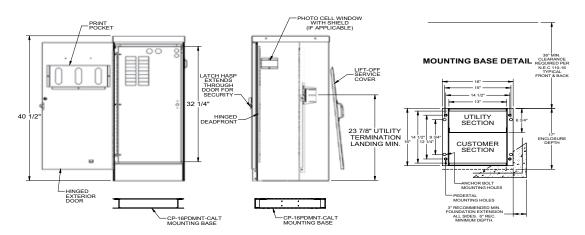
16" Metered & Unmetered Drawings

## "A" Style 16" Metered Commercial Pedestal





## "E" Style 16" Unmetered Commercial Pedestal | Low Profile



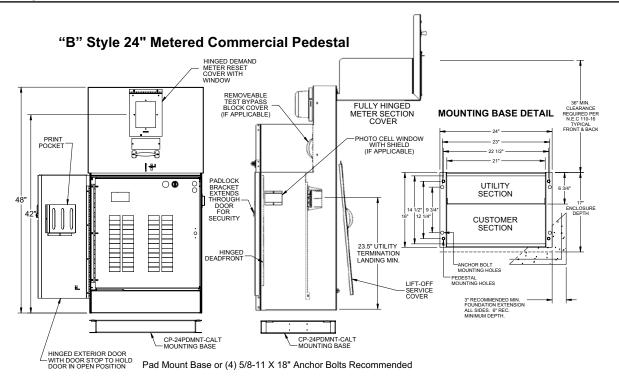
Pad Mount Base or (4) 5/8-11 X 18" Anchor Bolts Recommended



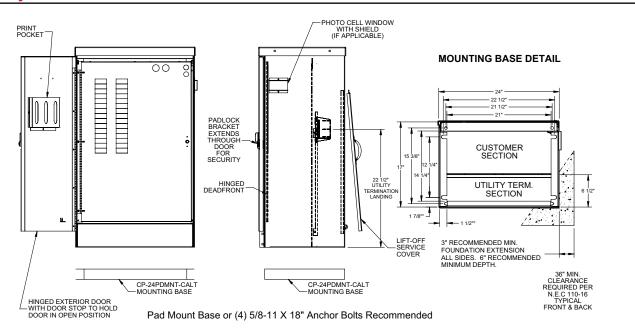
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## **Commercial Pedestals** 24" Metered & Unmetered Drawings

## "B" Style 24" Metered Commercial Pedestal (with one or two meters)



### "M" Style 24" Unmetered Commercial Pedestal

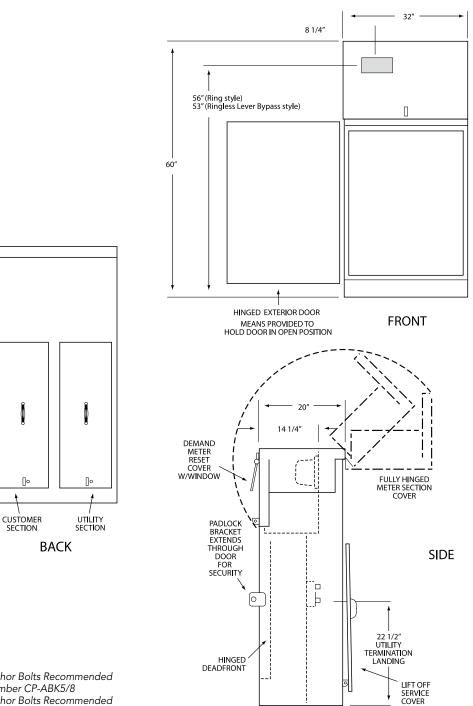






32" Metered Drawings

### "K" Style 32" Metered Commercial Pedestal (with one or two meters)



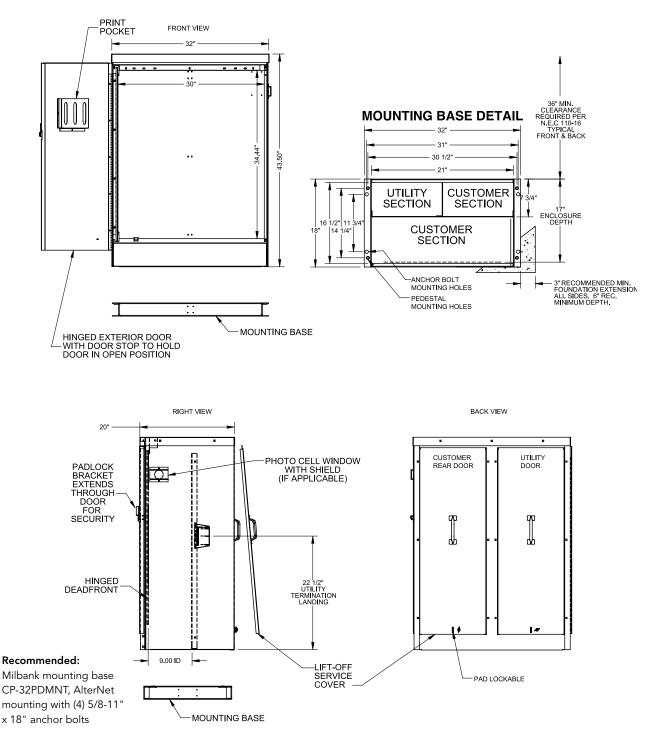
 (4) 5/8-11 X 18" Anchor Bolts Recommended Catalog Number CP-ABK5/8
 (4) 5/8-11 X 18" Anchor Bolts Recommended

U



32" Unmetered Drawings

## "Q" Style 32" Unmetered Commercial Pedestal



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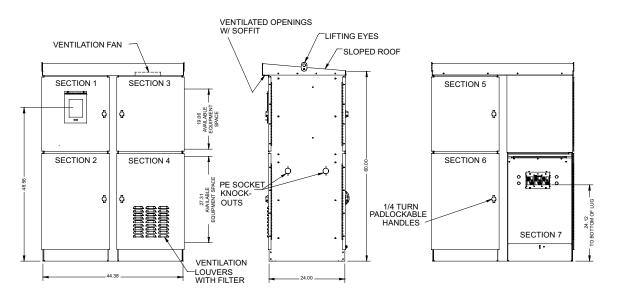


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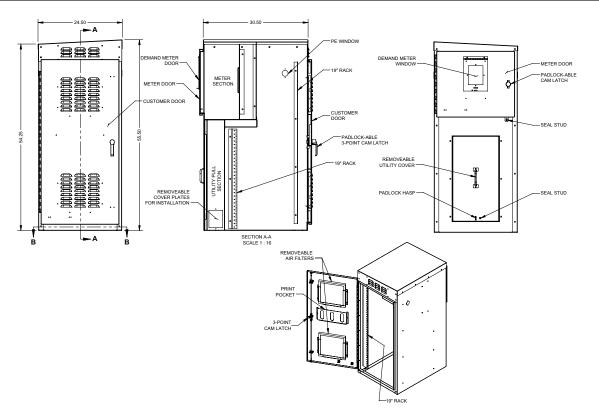


"D" and "C" Style Drawings

## "D" Style Metered Commercial Pedestal



## "C" Style 54" Metered Commercial Pedestal

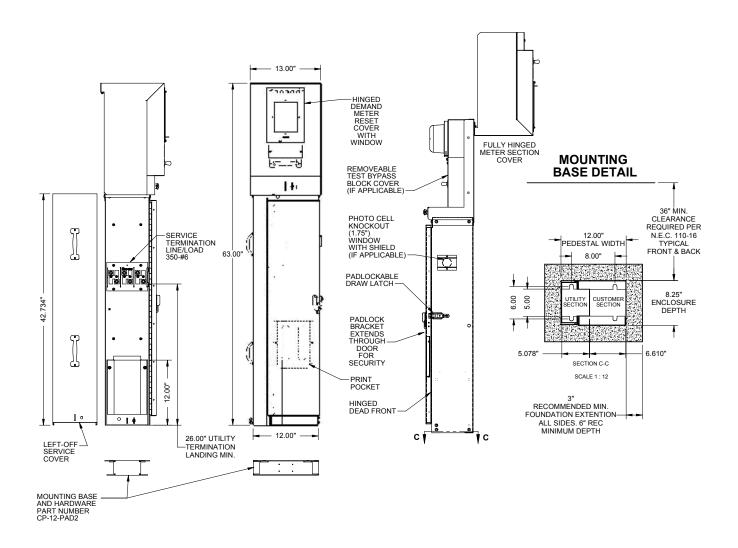




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Slimline "A" Style Drawing

## "A" Style Slimline Metered Commercial Pedestal



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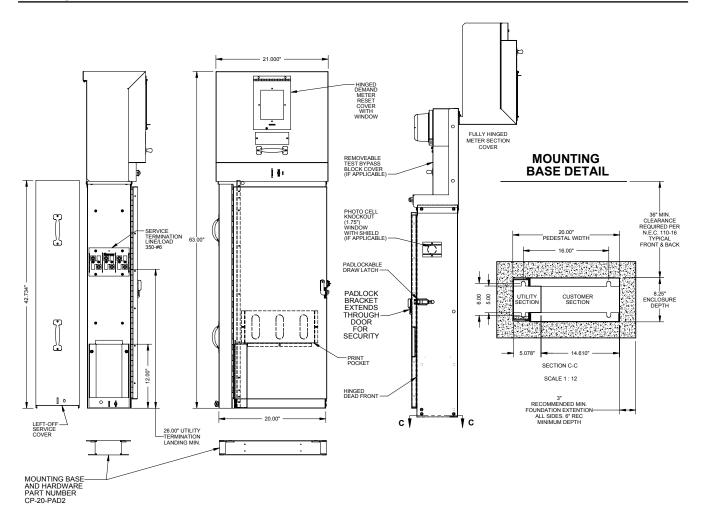


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Slimline "B" Style Drawing

## "B" Style Slimline Metered Commercial Pedestal



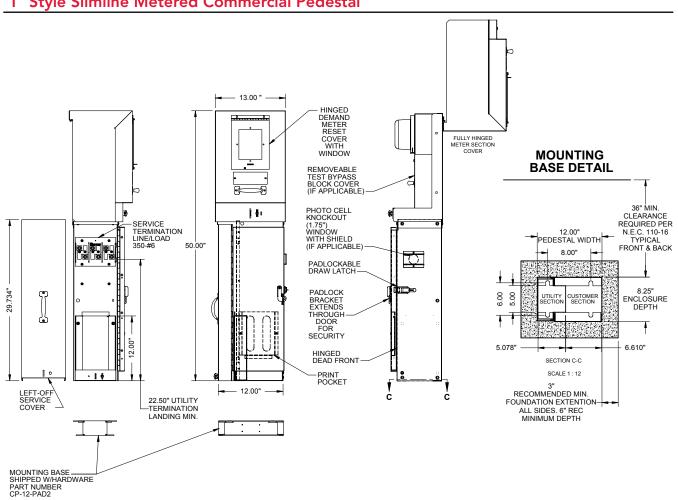
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Slimline "I" Style Drawing

## "I" Style Slimline Metered Commercial Pedestal



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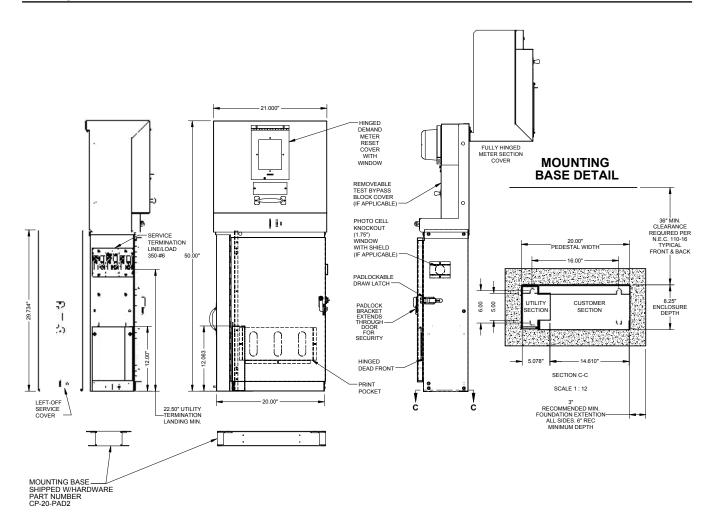


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Slimline "J" Style Drawing

## "J" Style Slimline Metered Commercial Pedestal





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Product Worksheet

Please answer all of the questions listed below. Any additional information regarding application and/or future requirements will enable Milbank to configure the best product for your project.

| Distributor:   | Phone:Fax:Fax:         |                        |                                   |                           |                       |              |
|--|------------------------|------------------------|-----------------------------------|---------------------------|-----------------------|--------------|
| Contact Name:  | ct Name:Application:   |                        |                                   |                           |                       |              |
| Milbank Representative:                                |                        |                        | Salesmen:                         |                           |                       |              |
| Project Name & Location:                               |                        |                        |                                   |                           |                       |              |
| Agency Specifications: (DOT                            | -City-Other)           |                        |                                   |                           |                       |              |
| Unit amperage:   | Volta                  | age:                   | Phase:                            | W                         | 'ire:                 |              |
| Meter socket (200 Amp)                                 | RING-TYPE              | RINGLESS               | Fifth Terminal?                   | NO                        | YES (at               | o'clock)     |
| Meter socket (200 Amp)                                 | RING-TYPE              | RINGLESS               | Fifth Terminal?                   | NO                        | YES (at               | o'clock)     |
| Main breaker requirements:                             | Amp:                   | Pc                     | les:                              | _ KAIC:                   |                       |              |
| Main breaker requirements:                             | Amp:                   | Pc                     | les:                              | _ KAIC:                   |                       |              |
| Interior #1 0-42 circuits                              | Load ce                | nter                   | Panel board                       | Metered?                  | YES                   | NO           |
| Interior #2 0-42 circuits                              | Load ce                | nter                   | Panel board                       | _ Metered?                | YES                   | NO           |
| Branch breakers:                                       | Amp:                   | Poles:                 | KAIC:                             | Label &                   | & Special Rec         | quirements:  |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers _  |                        |                        |                                   |                           |                       |              |
| OtyBreakers _  |                        |                        |                                   |                           |                       |              |
| OtyBreakers _  |                        |                        |                                   |                           |                       |              |
| QtyBreakers  |                        |                        |                                   |                           |                       |              |
| Controls:  |                        |                        |                                   |                           |                       |              |
| QtyTime Clock: 24                                      | Hr 7                   | ' Day                  | _ 365 Day Astro                   | Descrip                   | otion:                |              |
| QtyPhoto Electric C                                    | Control Recepta        | icle                   |                                   |                           |                       |              |
| QtyTest switch: 2 Po                                   | os 3                   | 8 Pos                  | _ НОА Туре                        | Other                     |                       | <u>.</u>     |
| QtyControl Transfor                                    | rmer                   | Voltag                 | ge                                | VA Size (r                | equired for a         | ll 277/480v) |
| Contractors:   |                        |                        |                                   |                           |                       |              |
| Type: Lighting - <u>LT</u> /Definite                   | Purpose - <u>DP</u> /N | Mechanical He          | d - <u>MH</u> /Mercury - <u>M</u> | <u>V</u> /IEC - <u>IC</u> |                       |              |
| Qty Type   | Amp                    | Ро                     | les Coil                          | voltage                   | Other                 |              |
| Oty Type   |                        |                        |                                   |                           |                       |              |
| Qty Type   | Amp                    | Po                     | les Coil                          | voltage                   | Other                 |              |
| Cabinet/Finish requirement                             | <b>ts:</b> Alum – Unti | reated = <u>AO</u> /A  | lum Anodized = <u>AL</u> /        | Stainless Stee            | $   = \underline{SS}$ |              |
| Aluminum – Painted = $A / G$                           | ALVANIZED ST           | EEL PAINTED            | (standard)                        | (specify paint            | t below):             |              |
| MINT GREEN (standard) = $\underline{G}$                | <u>6</u> / PINE GREEN  | N = <u>PG</u> / Dark ( | Green = <u>DG</u> / Black         | = <u>BK</u> / Desert      | Tan = <u>DT</u>       |              |
| White = $\underline{W}$ / Gray = $\underline{P}$ / Sum | merland Gray =         | = <u>SG</u> / Other: ( | RAL finish number)_               |                           |                       |              |
| Other Requirements:                                    |                        |                        |                                   |                           |                       |              |

Please send any drawings, plans, specifications, and load/panel board schedules with worksheet.

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114 COMMERCIAL AND INDUSTRIAL ENCLOSURES

# **Commercial & Industrial Enclosures**

### **NEMA Commercial Enclosures**

Milbank's line of commercial enclosures includes the full gamut of styles and sizes; everything from junction boxes to transformer cabinets, telephone cabinets to wireway.

#### Type 1 Enclosures

Milbank's Type 1 enclosures are designed for indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects, such as falling dirt.



#### Type 3R Enclosures

Milbank's Type 3R enclosures are designed for either indoor or outdoor use to provide a degree of protection from harmful effects on the equipment due to the ingress of water (rain, sleet, snow) and that will be undamaged by the external formation of ice on the enclosure.

#### Wireway

Milbank's wide range of wireway is available in many styles and sizes and its wide range of fittings allows it to smoothly transition to and from competitors' products.

### **NEMA Industrial Enclosures**

Milbank's line of industrial enclosures include junction boxes, wiring trough, push-button enclosures and modular enclosures. Milbank also excels in special designs; nearly any type, size or color of enclosure you need, we can make!

#### Type 12 Enclosures

Enclosures constructed without knockouts for indoor use to provide a degree of protection to personnel against access to hazardous parts, and protect components against falling dirt, circulating dust and lint, and dripping or splashing water.



#### **Type 4 Enclosures**

Enclosures constructed for either indoor or outdoor use to provide a degree of protection to personnel against access to hazardous parts; protect equipment against falling dirt and windblown dust; protect against rain, sleet, snow, splashing water, and hose directed water; and is resistant to damage by the external formation of ice on the enclosure.

#### **Industrial Enclosure Specials**

Milbank specializes in custom enclosure projects, offering an almost limitless amount of styles, options, colors and sizes. Milbank will meet your needs and specifications and deliver a custom enclosure that protects your crucial electric equipment.

#### **Thermal Management**

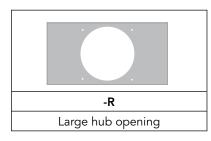
Protect components housed in enclosures from damage caused by overheating, freezing, humidity and condensation with these thermal management products.



# Accessories

Hubs and Closing Plates

|        | -F     | RL      |       |       |       | 0 0 | 2     |     | $\sim$ | and the second |         |
|--------|--------|---------|-------|-------|-------|-----|-------|-----|--------|----------------|---------|
| Sma    | ll huk | opening | 1     |       |       |     |       |     |        |                |         |
|        |        | 1       |       |       |       | 1   |       |     |        |                |         |
|        |        |         |       |       |       |     |       |     |        |                | •       |
| -WL A7 | 514    | -YL     | A7515 | -ZL   | A7516 | -DL | A7517 | -EL | A7518  | -XL            | A7551   |
| 1" hub |        | 11/4"   | hub   | 11⁄2" | hub   | 2"  | hub   | 2½" | hub    | Small          | closing |



|    |       |     |       |    |       |           | •          |         |                                   |
|----|-------|-----|-------|----|-------|-----------|------------|---------|-----------------------------------|
| -F | A8110 | -G  | A8111 | -H | A8112 | -X        | A9064      | -RRL    | S8324                             |
| 3" | hub   | 3½" | hub   | 4" | hub   | Large clo | sing plate | adaptec | o opening<br>I to small<br>pening |

### Notes

- Suffix: Add to catalog number for factory installation of hub.
- Packaging: Individually packed units for field installation.
- Abbreviations: H.O. (hub opening), C.P. (closing plate).

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plate

## **Accessories** Connector Kits, Closing Kits & Generator Interlock

#### Connector Kits — For Use with <sup>3</sup>/<sub>8</sub>"-16 Stud Type Units Only

|        | Si     | ngle                                   | Twin                          |        |                         |  |
|--------|--------|--|-------------------------------|--------|-------------------------|--|
| Suffix | Part # | (3 per set) - 1Ø                       | Suffix Part # (3 per set) - 1 |        |                         |  |
| K1     | K1539  | 6-350                                  | K2                            | K1350  | 6-350                   |  |
| КЗ     | K1540  | 4-600 or (2) 1/0-250                   | K2L                           | K1350L | 6-350 (non<br>rotating) |  |
| K3L    | K1540L | 4-600 or (2) 1/0-250<br>(non rotating) | K4                            | K1541  | 4-600                   |  |
| Suffix | Part # | (4 per set) - 3Ø                       | Suffix                        | Part # | (4 per set) - 3Ø        |  |
| K5     | K3082  | 6-350                                  | K6                            | K3442  | 6-350                   |  |
| K7     | K3441  | 4-600 or (2) 1/0-250                   | K8                            | K3083  | 4-600                   |  |

#### **Bypass Link**

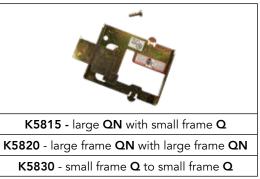


(sold in pairs, designed for temporary use only.)

#### **Closing Covers**

| •   |  |
|---|--|
| Meter Closing Plate<br>(Ring Type/Ringless) | Metal Closing Plate<br>(For Ringless<br>Sockets) |
| 6003 - Gray Plastic                         | CP-21  |
| 6116 - Clear Plastic                        |  |

#### **Generator Interlock**



### **Disconnect Sleeve**



### Anti-Inversion Clip



#### Isolated Neutral Kit





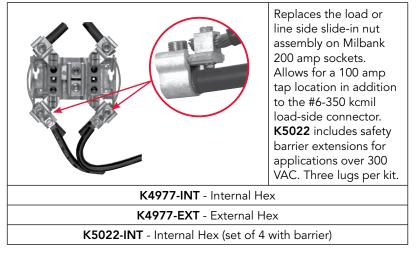
## Accessories

## Fifth Terminal, Tap Connectors & Block Assemblies

**Fifth Terminal** 

| <b>5T8K2</b> - 100-200 Amp | <b>K5T</b> - 200 Amp     | K3865 - Heavy Duty Jaw Clamping |
|----------------------------|--------------------------|---------------------------------|
| "Plug-In"                  | (Block with Square Hole) | (K3866 without Neutral Wire)    |

### Tap Connectors (3 per set)

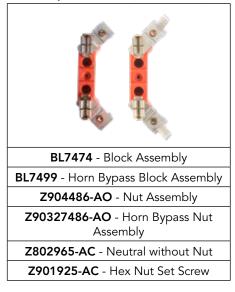


### **Triplex Ground**

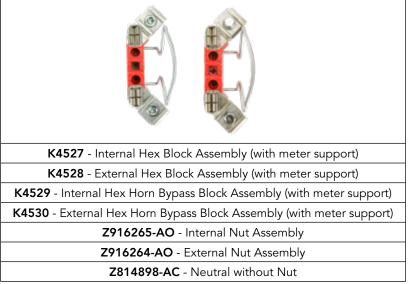


(For factory installed triplex ground, add suffix -TG to catalog number)

#### 100 Amp Blocks (single sockets only)



#### 200 Amp Blocks (single sockets only)



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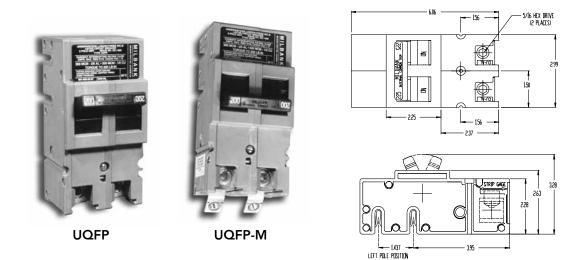


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## Accessories

UQFP Plug-In Series Circuit Breakers





| 200 Amp Frame | Plug-In | 10K AIC & 22K AIC | Two-Pole | Common Trip |
|---------------|---------|-------------------|----------|-------------|
|               |         |                   |          |             |

| <b>A</b> | 10K AIC  | 22K AIC   | 10K AIC    | 22K AIC     | Connectors CU/AL |         |  |
|----------|----------|-----------|------------|-------------|------------------|---------|--|
| Amp      | Plug-In  | Plug-In   | Plug-In    | Plug-In     | Line             | Load    |  |
| 100      | UQFP-100 | UQFPH-100 | UQFP-M-100 | UQFPH-M-100 | #3-#1            | #1-1/0  |  |
| 125      | UQFP-125 | UQFPH-125 | UQFP-M-125 | UQFPH-M-125 | #3-#1            | #1-1/0  |  |
| 150      | UQFP-150 | UQFPH-150 | UQFP-M-150 | UQFPH-M-150 | 1/0-300          | 2/0-300 |  |
| 200      | UQFP-200 | UQFPH-200 | UQFP-M-200 | UQFPH-M-200 | 1/0-300          | 2/0-300 |  |

#### **Notes**

• UL listed: For use with 60°C or 75°C wire.

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- UQFP: For parallel main circuit breaker applications.
- UQFP-M: For series main circuit breaker applications. Split load tab features allow for feed through capability.
- Standard Packaging: 5 units per 16 lb. carton.



## Accessories UQFB Plug-In Series Circuit Breakers



UQFB-X1



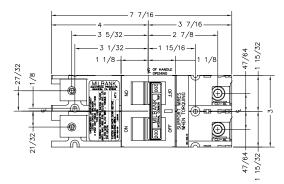
UQFB-X

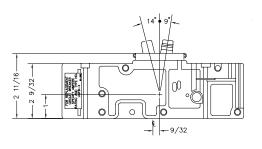


UQFB



UQFB-X-MOD





### 200 Amp Frame | Bolt-On | 10K AIC & 22K AIC | Two-Pole | Common Trip

| A   | 10K AIC  | 22K AIC   | 10K AIC     | 10K AIC Connectors CU/AL |         |  |
|-----|----------|-----------|-------------|--------------------------|---------|--|
| Amp | Bolt-On  | Bolt-On   | Bolt-On     | Line                     | Load    |  |
| 100 | UQFB-100 | UQFBH-100 | UQFB-100-X1 | #3-#1                    | #1-1/0  |  |
| 125 | UQFB-125 | UQFBH-125 | UQFB-125-X1 | #3-#1                    | #1-1/0  |  |
| 150 | UQFB-150 | UQFBH-150 | UQFB-150-X1 | 1/0-300                  | 2/0-300 |  |
| 175 | UQFB-175 | UQFBH-175 | UQFB-175-X1 | 1/0-300                  | 2/0-300 |  |
| 200 | UQFB-200 | UQFBH-200 | UQFB-200-X1 | 1/0-300                  | 2/0-300 |  |

#### Notes

- UL listed: For use with 60°C or 75°C wire.
- UQFB: (2) 1/0-300 kcmil lugs provided on load and line side (cable-in, cable-out).
- UQFB3: Three pole available. Consult factory.
- UQFB-X: (2) 1/0-300 kcmil lugs provided on load side and (2) line bar bus connections on line side.
- UQFB-M: For series main circuit breaker applications. Split load tab features allow for feed through capability.
- UQFB-X-MOD: Replacement circuit breaker with line barriers removed.
- Standard Packaging: 5 units per 16 lb. carton.

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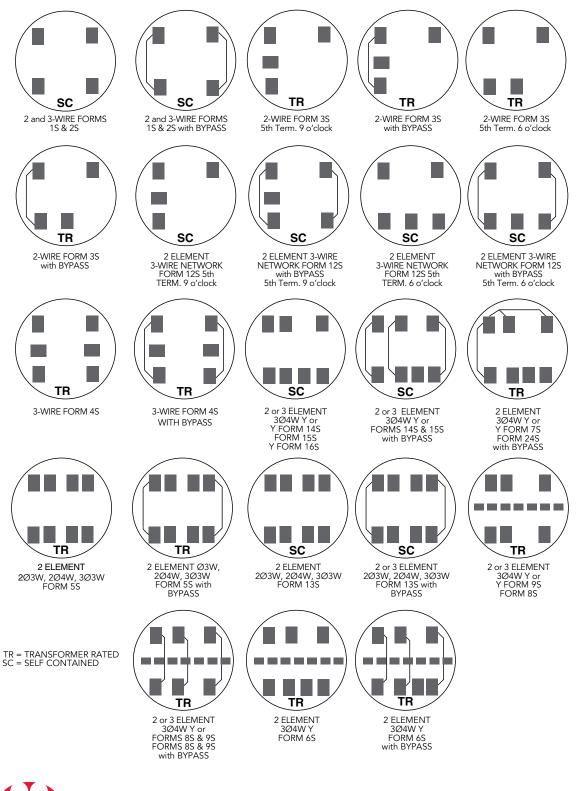


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## Watthour Meter Forms

Standard Forms | Transformer Rated or Self-Contained





## Meter Forms Reference Information

DIAGRAM A 1Ø2W with 1 P.T. & 1 C.T. Single Stator Meter(2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

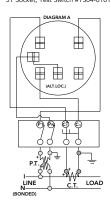
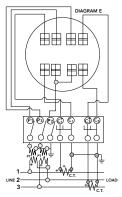


DIAGRAM E 3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105



**DIAGRAM I** 3Ø4W "Y" or "A" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "A" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

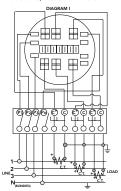


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter (2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

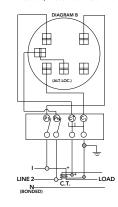


DIAGRAM F 3Ø3W "A" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

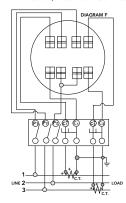


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109

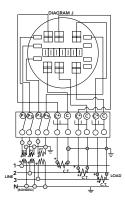


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

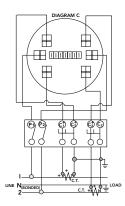


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

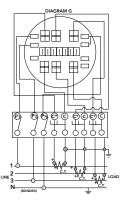


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

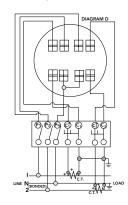
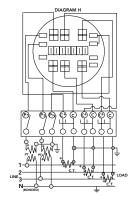


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



**Prewiring:** If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter form number and provide a copy of your wiring diagram.

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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## **Energization of Electrical Equipment**

Important Information for Installers

### **Important Note**

In addition to national and local electrical codes, many utilities have specific requirements for metering equipment. Always consult the serving utility for their specifications and requirements prior to ordering or installing Milbank meter mounting equipment.

## Before Energizing

1. Give equipment a thorough visual examination to determine that:

- A. No shipping or installation damage exists.
- B. Proper clearances have been maintained.
- C. All connections have been made.
- D. Equipment is clean and dry.
- 2. Make a thorough examination to:
  - A. Verify tightness of all bolted connections (see table below).
  - B. Manually operate all circuit breakers, switches, relays, etc.
  - C. Check rigidity of all mountings, bus bars and components.
  - D. Use test equipment to check continuity of circuitry and integrity of insulation.
- 3. All switches and circuit breakers should be in the "off" position.
- 4. Verify that manual meter bypass (if applicable) is in non-bypass position.
- 5. Install cover and/or close doors.
- 6. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

### When Energizing

Use caution and follow established safety procedures:

- 1) Wear safety apparel.
- 2) Use safety equipment.
- 3) Take action to prevent injury to yourself and others in the event of failure of the installation.
- 4) Take action to prevent/decrease damage to property in the event of failure of the installation.
- 5) If you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

## After Energizing

Secure the installation:

- 1) To prevent accidental contact with energized parts, cover all openings with approved filler devices.
- 2) To prevent unauthorized access, secure all covers and/or doors with approved security devices.
- 3) Attach/post information to advise others of potential hazards associated with the installation.

#### **Recommended Torque for General Applications\***

| Nominal | Joint Description |  | Lineal Trees | Torque            |
|---------|-------------------|--|--------------|-------------------|
| Size    | Screw             | Nut  | Head Type    | (Inch Lbs.)       |
| 10      | Brass             | Brass Nut or Extruded Hole                         | All          | 20-25 inch lbs.   |
| 10      | Steel             | Copper or Aluminum Busbar ≤ 1/8"                   | All          | 25-30 inch lbs.   |
| 10      | Steel             | Steel Nut or Extruded Hole; CU or AL Busbar > 1/8" | All          | 30-35 inch lbs.   |
| 12      | Steel             | Aluminum Extruded Hole                             | All          | 30-35 inch lbs.   |
| 12      | Steel             | Steel Nut or Extruded Hole                         | All          | 40-50 inch lbs.   |
| 1/4     | Steel             | Aluminum Extruded Hole                             | All          | 40-50 inch lbs.   |
| 1/4     | Steel             | Steel Nut or Extruded Hole; CU or AL Busbar        | All          | 50-60 inch lbs.   |
| 5/16    | Steel             | Aluminum Extruded Hole                             | Hex          | 60-70 inch lbs.   |
| 5/16    | Steel             | Steel Nut or Extruded Hole; CU or AL Busbar        | Hex          | 100-150 inch lbs. |
| 3/8     | Steel             | Steel Nut  | Hex          | 150-200 inch lbs. |
| 1/2     | Steel             | Steel Nut  | Hex          | 200-250 inch lbs. |

\* Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first. **CU:** Copper **AL:** Aluminum



# **Materials & Finishes**

Reference Information

## **Materials**

### **Steel Quality**

The meter equipment listed in this catalog is made of galvanized steel (AISI\* G90) to afford the best possible weather proofing. \*American Iron and Steel Institute.

### **Steel Sheet**

16 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated. (AISI G90) 14 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated.

### **Aluminum Extrusion**

Wire-Terminal: Alloy; 6061-T6, Tin-plated for CU/AL wire. Bus Bar: Alloy; 6101-O & 6063-O

### **Aluminum Sheet**

3000 series aluminum sheet, H14, or 5052 series aluminum sheet, H32. Where applicable thicknesses range from .064-.125

### **Copper Sheet & Bus**

Electrolytic copper with tin plating in most applications.

### **Insulating Materials**

- In most units, support bases for current-carrying components are molded from fiberglass reinforced high-strength, track resistant, thermoset polyester molding compounds.
- Clear or black safety shields and polarity barriers are molded from high-strength, track resistant, polycarbonate molding compounds.
- Various sheet insulating materials, as appropriate for the application are utilized in the fabrication of flat, formed and punched component parts and barriers.

## Finish

#### **Process**

Light gray state-of-the-art electrostatically applied powder paint offers a durable, non-fading finish. For further information concerning the chemical analysis of the weather resistant finish, please contact the factory.

### **Metal Fasteners**

Zinc-coated with a chromate dip.

## **Ratings & Compliance**

### **Ratings & Compliance**

All Milbank electrical enclosures in this catalog are rated "Type 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), Panelboards (UL 67, File E32628) and Pullout Switches (UL 1429, File E133062). Additional standards are utilized as applicable: Meter Sockets (ANSI C12.7), Test Switches (ANSI C12.9) and Panelboards (NEMA PB-1).

Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, laws and regulations. Milbank reserves the right to make changes in specifications and features shown without notice or obligation.



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| CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24302<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481   | H       103         RE       103         1-HC       61         1-SC       61         1-SC       61         1-SC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61< |
| CP-TC24<br>CP-TC7D<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481  | H       103         RE       103         1-HC       61         1-SC       61         1-HC       61         1-SC       61< |
| CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT4848 | H   |
| CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT4848 | H   |
| CP-TC24<br>CP-TC7D<br>CP-TCWI<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT4848 | H   |
| CP-TC24<br>CP-TC7U<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24301<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT30361<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT4848 | H       103         RE       103         1-HC       61         1-SC       61< |
| CP-TC24<br>CP-TC7D<br>CT20361<br>CT24241<br>CT24301<br>CT24301<br>CT24309<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24361<br>CT24481<br>CT30361<br>CT30361<br>CT30361<br>CT30481<br>CT36481<br>CT36481<br>CT36481<br>CT36481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT48481<br>CT4848 | H       103         RE       103         1-HC       61         1-SC       61         1-KC       61         1-SC       61         1-HC       61         1-SC       61         1-HC       61         1-SC       61< |
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|                  |
| U215MTB-P48      |
| U217MTB          |
| U217MTB/22       |
| U217MTB-48       |
| U217MTBL         |
| U217MTB-P        |
| U217MTB-P48      |
| U217MTBPL        |
| U224MTB          |
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| U224MTB-48       |
| U224MTBL40       |
| U224MTB-P        |
| U224MTB-P48      |
| U224MTBPL40      |
| U227MTB          |
| U227MTB/2237     |
| U227MTB-48       |
| U227MTBL40       |
| U227MTB-P        |
| U227MTB-P48      |
| U227MTBPL40      |
| U2594-X22        |
| U2827-X22        |
| U2852-X50        |
| U2853-X50        |
| U2854-X50        |
| U2855-X50        |
| U2856-X50        |
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| 03533   | Х-КЗ.   |  | 49   |
| U3534   | X-K3  |  | 49   |
| 112E10  | v ito.  |  | 21   |
| 03546   | <u>^</u>  | ••••••   |  |
| 03555   | К   |  | 62   |
| U3565   | 0   |  | 62   |
| 113574  | RI 20   | )  | 24   |
| 03574   |   | ·····  |  |
| 035/7   | RL-20   | )  | 24   |
| U3584   | O-200   |  | 24   |
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| U3822   | 20GW  | R  | 8  |
| 113833  |   |  | 7  |
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| U3862   |   |  | 7  |
| 114013  | Х   |  | 22   |
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| 04015   | 0   |  | 14   |
| U4031   | 0-2/2   |  |  |
| U4175   | RI - BI   | <b>i</b>   | 11   |
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| 04518   | O-W.  |  | 14   |
| U4518   | XL-W  |  | 14   |
| 11/15/10  | XI  |  | 91   |
|   |   |  |  |
| 04542   | XL  |  | 91   |
| U4544   | XL  |  | 91   |
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| 11/2/0  |   |  |  |
| 04546   | RAL   | ••••••   |  |
| 04549   | RXL   |  | 91   |
| U4881   | 0   |  | 9  |
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| 04001   |   | ם<br>ים  |  |
| 04881   | 0-600   | ıB   | 9  |
| U4909   | 0-110   | iR   | 75   |
|   |   |  | 80   |
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| 03000   | AL-41   | ••••••   |  |
| U5000   | XL-55   |  | 80   |
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| U5000   | XL-75   |  |  |
| U5000   | XL-75   |  | 80   |
| U5001   | RL-01   |  | 80<br>77   |
| U5001<br>U5056  | RL-01<br>O  |  | 80<br>77<br>21   |
| U5001<br>U5056<br>U5059   | RL-01<br>O<br>x-2/20  | 0  |  |
| U5001<br>U5056<br>U5059   | RL-01<br>O<br>x-2/20  | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100  | RL-01<br>O<br>x-2/20<br>XL  | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100   | RL-01<br>O<br>x-2/20<br>XL<br>XL-41   | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100  | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55  | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100  | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55  | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100   | RL-01<br>:O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-55<br>XL-75   | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136   | RL-01<br>:O<br>x-2/20<br>XL<br>XL-41<br>:XL-55<br>:XL-55<br>:O  | 0  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136   | RL-01<br>O<br>XL-2/20<br>XL<br>XL-41<br>XL-55<br>XL-55<br>O<br>O.100  | 0<br>S   | 80<br>77<br>21<br>26<br>80<br>80<br>80<br>80<br>80<br>72<br>72   |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136  | RL-01<br>O<br>XL-2/20<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200   | 0<br>S<br>S  | 80<br>77<br>21<br>22<br>80<br>80<br>80<br>80<br>80<br>80<br>72<br>72<br>72<br>72<br>72   |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136  | RL-01<br>O<br>XL-2/20<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200   | 0<br>S<br>S  | 80<br>77<br>21<br>22<br>80<br>80<br>80<br>80<br>80<br>80<br>72<br>72<br>72<br>72<br>72   |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137   | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O   | 0<br>SS  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137  | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O<br>O-100  | 0<br>S<br>S<br>S   |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137  | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200   | 0<br>S<br>S<br>S<br>S.   |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138   | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O  | 0<br>S<br>S<br>S<br>S  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138   | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O  | 0<br>S<br>S<br>S<br>S  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137   | RL-01<br>O<br>x-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O<br>O-200   | 0<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.  |  |
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| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138   | RL-01<br>O<br>X-2/20<br>XL<br>XL-41<br>XL-55<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>XTL-1   | 0<br>S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S   | 80           77           26           80           80           80           80           80           72                |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138   | RL-01<br>O<br>X-2/20<br>XL<br>XL-41<br>XL-55<br>O<br>O-100<br>O-200<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>O<br>XTL-1   | 0<br>S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S.S   | 80           77           26           80           80           80           80           80           72                |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138   | RL-01<br>O<br>XL-22(20<br>XL<br>XL-41<br>XL-55<br>O<br>O-100<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-100<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O-200<br>O<br>O<br>O<br>O<br>O<br>O<br>O  | 0.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.<br>S.   | 80           77           26           80           80           80           80           72                |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168   | RL-01<br>O<br>XI41<br>XL-55<br>XL-75<br>O100<br>O-200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O200<br>O.   | 0<br>SS.<br>SS.<br>SS.<br>S<br>S   |  |
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| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168   | RL-01<br>O<br>X-2/20<br>XL<br>XL-41<br>XL-55<br>O<br>O-100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200  | 0<br>S<br>S<br>S<br>S<br>00<br>00-KK<br>00-KK-5T<br>50-KK5T<br>00<br>00-KK.5T<br>00  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168   | RL-01<br>O<br>x-2/20<br>XL41<br>XL-55<br>XL-55<br>O<br>O-100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-20   | 0<br>S<br>S<br>S<br>S<br>D0-KK<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5T<br>50-KK5K5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK5K<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK<br>50-KK  |  |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168  | RL-01<br>O<br>XL-2/20<br>XL<br>XL-41<br>XL-55<br>XL-75<br>O100<br>O-200<br>O200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200 | 0  | 80           77           21           80           80           80           72                |
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| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5169<br>U5169   | RL-01<br>O<br>XL-2/20<br>XL22<br>XL-41<br>XL-55<br>O100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-2  | 0  | 80           77           21           26           80           80           80           72           25           25           25           25           25           25           25           25                |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5169<br>U5169<br>U5200  | RL-01<br>O<br>X-2/20<br>XL41<br>XL-55<br>XL-75<br>O100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-20  | 0  | 80           77           21           26           80           80           80           72           25           25           25           25           25           25           25           25                |
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| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5200<br>U5200<br>U5200<br>U5200<br>U5200  | RL-01<br>O<br>X-2/20<br>XL41<br>XL-55<br>O100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>NTL-1<br>XTL-1<br>XTL-2<br>XTL-2<br>XL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>XTL-41<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-2  | 0<br>S<br>S<br>S<br>S<br>00KK<br>00-KKST<br>00-KKST<br>00-KKST<br>00-KKST<br>00-KK<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK<br>00-KK.  | 80         77         21         80         80         80         80         72         25         25         25         25         25         25         25         25         25   |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5200<br>U5200<br>U5200<br>U5240   | RL-01<br>O<br>XL-2/20<br>XL41<br>XL-41<br>XL-55<br>XL-75<br>O-100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-20  | 0  | 80           77           21           26           80           80           80           72           255           255           255           255           255           255           255         |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5138<br>U5138<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5200<br>U5200<br>U5200<br>U5240   | RL-01<br>O<br>XL-2/20<br>XL41<br>XL-41<br>XL-55<br>XL-75<br>O-100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-20  | 0  | 80           77           21           26           80           80           80           72           255           255           255           255           255           255           255         |
| U5001<br>U5056<br>U5059<br>U5100<br>U5100<br>U5100<br>U5136<br>U5136<br>U5137<br>U5137<br>U5137<br>U5137<br>U5137<br>U5138<br>U5188<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5168<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5169<br>U5200<br>U5200<br>U5200<br>U5200<br>U5240<br>U5240  | RL-01<br>O<br>XL-2/20<br>XL41<br>XL-41<br>XL-55<br>XL-75<br>O-100<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>O-200<br>XTL-1<br>XTL-1<br>XTL-1<br>XTL-1<br>XTL-1<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>XTL-2<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X<br>X 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|  | ~                                    |
| U5241-O-100S70   | J                                    |
| U5241-O-200S70   | D                                    |
| U5242-O70  | D                                    |
| U5242-O-200S70   | D                                    |
| U5243-O70  | n                                    |
| U5268-XTL-15025  |                                      |
| U5268-XTL-150-KK   | 5                                    |
|  | 5                                    |
| U5268-XTL-200  |                                      |
| U5268-XTL-200-KK25   | 5                                    |
| U5269-XTL-20025  |                                      |
| U5300-O8   |                                      |
| U5300-O-418  | 1                                    |
| U5300-O-558  | 1                                    |
| U5300-O-758  | 1                                    |
| U5706-O-200S   | /                                    |
| U5706-O-200S-KK  | 4                                    |
| U5700-O-2005-NN  | 4                                    |
| U5707-O-200S74   | 4                                    |
| U5759-x-2/20020  | 6                                    |
| U5865-XL-38GBGRW78   | 8                                    |
| U5882-X52  | 2                                    |
| U5883-X52  |                                      |
| U5884-X  |                                      |
| U5885-X  |                                      |
|  |                                      |
| U5886-X  | 2                                    |
| U5902-X52  |                                      |
| U5903-X52  |                                      |
| U5904-X52  | 2                                    |
| U5905-X52  | 2                                    |
| U5906-X52  |                                      |
| U5929-XL-INS   |                                      |
| U5934-XL-BLG   | 1                                    |
| UE071 VI 100   | ו<br>ר                               |
| U5971-XL-10023   | 2                                    |
| U5971-XL-20023   | 3                                    |
| U6087-XL1  | 1                                    |
| U6087-XL-INS   | 1                                    |
| U6276-O-100  | 8                                    |
| 11/07/ O 100MD //  | -                                    |
| U6Z/6-U-1UUIVIB 68   | 8                                    |
| U6276-O-100MB  | B                                    |
| U6276-O-100IVIB  | 8                                    |
| U6276-O-100MB  | 888                                  |
| U6276-O-100R   | 88888                                |
| U6276-O-10GR   | 888                                  |
| U6276-O-10GR   | 888                                  |
| U6276-O-10GR   | 888                                  |
| U6276-O-10GR   | 888888                               |
| U6276-O-10GR   | 8888833                              |
| U6276-O-10GR   | 88888333                             |
| U6276-O-10GR 66<br>U6276-O-41 66<br>U6276-O-54 66<br>U6276-O-55 66<br>U6276-O-75 66<br>U7021-RL-TG 11<br>U7040-XL-TG 11<br>U7040-XL-TG 11<br>U7043-XL-TG 11<br>U722-RXL 11   | 888883338                            |
| U6276-O-10GR   | 8888833388                           |
| U6276-O-10GR   | 88888333882                          |
| U6276-O-10GR   | 888883338822                         |
| U6276-O-10GR 66<br>U6276-O-41 66<br>U6276-O-54 66<br>U6276-O-55 66<br>U6276-O-75 66<br>U7021-RL-TG 11<br>U7040-XL-TG 11<br>U7043-XL-TG 11<br>U7422-RXL 11<br>U7423-RXL 11<br>U7423-RXL 11<br>U7423-RXL 11<br>U7487-Q 11<br>U7487-Q 11<br>U7490-O 11  | 88888333882222                       |
| U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U6276-O-75       68         U7021-RL-TG       11         U7040-XL-TG       12         U7423-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-O       12         U7490-RL       12   | 88888333882222                       |
| U6276-O-10GR 66<br>U6276-O-41 66<br>U6276-O-54 66<br>U6276-O-55 66<br>U6276-O-75 66<br>U7021-RL-TG 11<br>U7040-XL-TG 11<br>U7043-XL-TG 11<br>U7422-RXL 11<br>U7423-RXL 11<br>U7423-RXL 11<br>U7423-RXL 11<br>U7487-Q 11<br>U7487-Q 11<br>U7490-O 11  | 88888333882222                       |
| U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       11         U7042-RXL       11         U7423-RXL       12         U7487-RL       12         U7487-RL       12         U7490-RL       12         U7490-RL       12         U7490-RL       12         U7497-3-RL       14  | 888883338822228                      |
| U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       12         U742-RXL       13         U7487-RL       12         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7490-RL       12         U7492-RXL       14         U7490-RL       12         U7490-RL       14         U7492-XL       14         U7492-RL       14         U7492-RL       14         U7490-RL       14         U7490-RL       14         U7492-RL       14         U7492-RL       14         U7492-RL       14         U7492-RL       14         U7492-RL       14         U7492-RL       14         U8032-XL       44  | 8888833388222288                     |
| U6276-O-10GR       68         U6276-O-54       66         U6276-O-55       68         U6276-O-75       68         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       11         U7487-RL       12         U7487-RL       12         U7490-RL       12         U7490-RL       12         U7490-RL       12         U7573-RL       14         U8032-XL       44   | 888883338822228888                   |
| U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U6276-O-75       68         U7021-RL-TG       11         U7040-XL-TG       11         U7423-RXL       18         U7423-RXL       18         U7487-Q       11         U7487-Q       12         U7490-RL       12         U7490-RL       12         U7490-RL       14         U8032-XL       44         U8034-XL       44  | 8888833388222288888                  |
| U6276-O-10GR       66         U6276-O-41       66         U6276-O-54       66         U6276-O-55       66         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7490-RL       12         U7490-RL       12         U7573-RL       18         U8033-XL       44         U8035-XL       44   | 88888333882222888888                 |
| U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-75       68         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       11         U7423-RXL       12         U7487-RL       12         U7490-O       12         U7490-RL       12         U7490-RL       12         U7490-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8035-XL       44   | 88888333882222888888888              |
| U6276-O-10GR       66         U6276-O-54       66         U6276-O-55       66         U6276-O-75       66         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       14         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7490-RL       14         U8032-XL       44         U8033-XL       44         U8034-XL       44         U8035-XL       44         U8036-XL       44         U8100-RL       14  | 8888883338822228888888888            |
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