



## 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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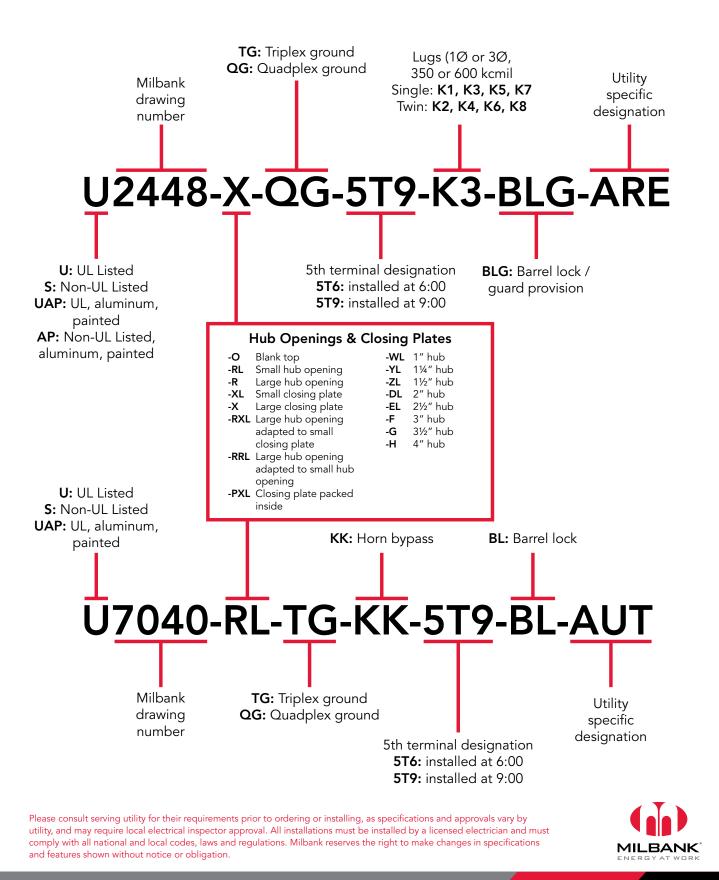


### **Catalog Number Logic**

How our product catalog numbers are derived

CATALOG

LOGIC



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### **EUSERC Index**

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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 Number	Amp	Туре	Max H.P.	Weight	Line/ Wire I	Load 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

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 Number	Туре	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground 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

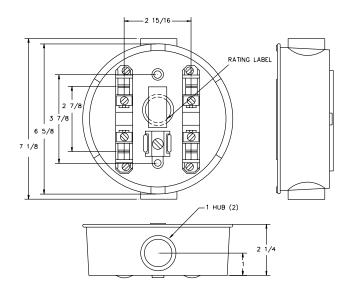
Catalog Number	Breaker	Туре	Weight		Load Range	Ground Wire Range	Dir	nensio	ons
Number	Amp		(lbs.)	CU	AL	CU/AL	D"	W"	H"
U4881-O	—	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	<b>7½</b>	81⁄2
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	<b>7½</b>	81⁄2
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0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

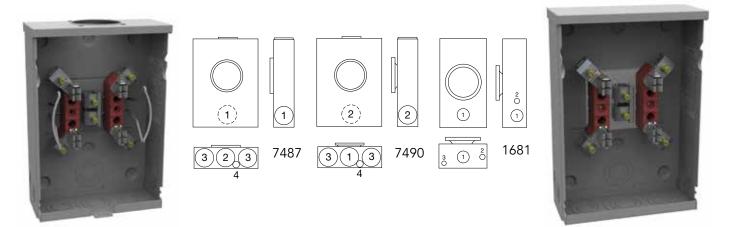
- Hubs: Accepts standard meter socket hubs.
- Construction: Units are Type 3R for durable outdoor use, lockable and sealable.
- \*Application: The standard bonded neutral units are applicable in areas where utility does not require an isolated neutral.



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.



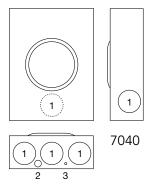
## Single Position Sockets

200 Amp | 4 Terminal | Ringless

13 200 AMP SINGLE POSITION SOCKETS

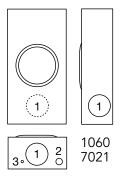


U7040-XL-TG



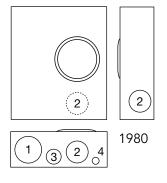


U1060-RL





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**

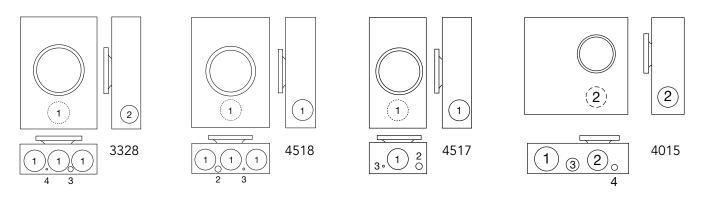
200 Amp | 4 & 7 Terminal | Ring Type



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

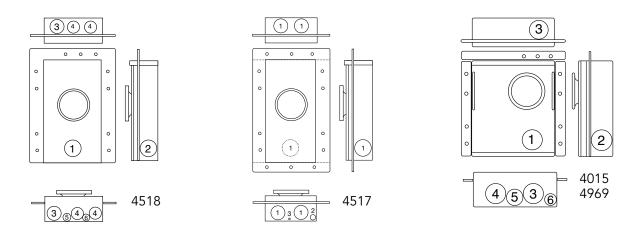


UF4518-KO



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.

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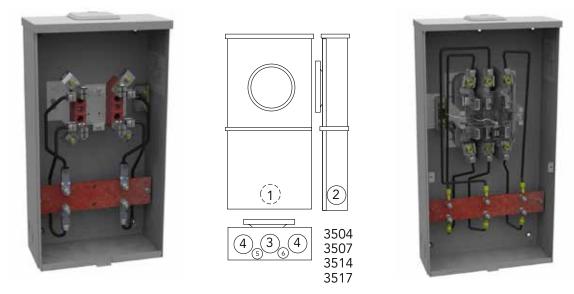


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125-200 AMP LINK BYPASS SINGLE POSITION

### 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.

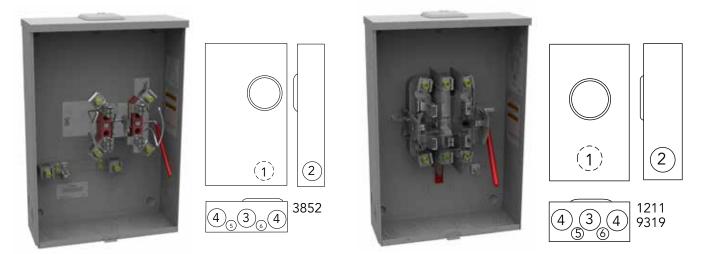
• Connectors: Extruded aluminum connectors are tin plated.

- 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.

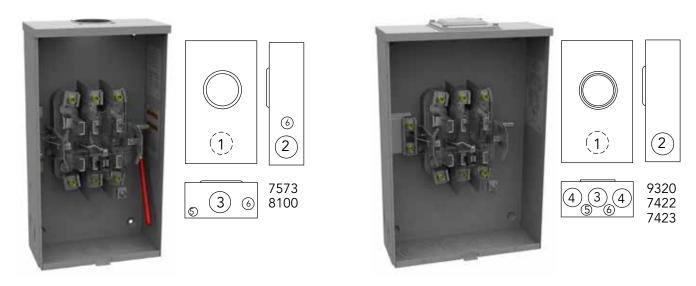
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125-200 Amp | 7 Terminal | Ringless



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.

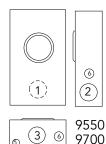


200 Amp | 4, 5 & 7 Terminal | Ringless

#### 19 200 AMP LEVER BYPASS SINGLE POSITION

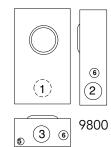


U9701-RXL



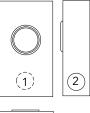


U9800-RRL





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.

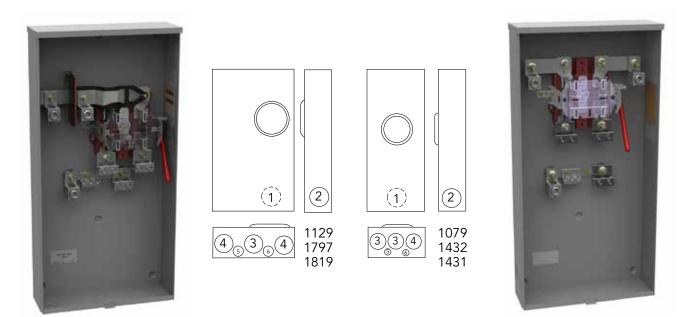
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320 Amp | 4 Terminal | Ringless



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 (2) 1/0-250	Twin #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 (2) 1/0-250	Twin #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.

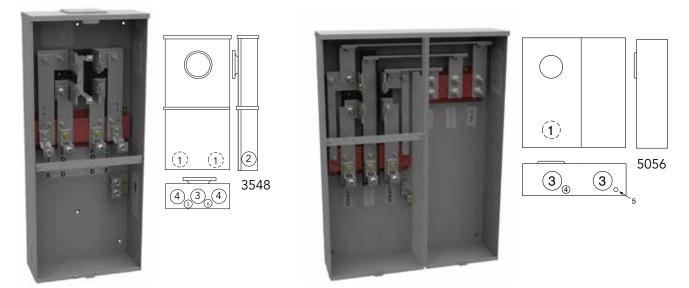
- \*Bypass: Lever supplies clamping action on meter spades only on the U1431, U1432 and U1819. Lever supplies clamping action and also operates bypass device on the U1079, U1129 & U1797.
- Connector Kits: Stud type units are supplied with 3/4 "x16 hex head nuts with Belleville washers. Order two connector 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 = Parallel =	= 4-600 = 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 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.

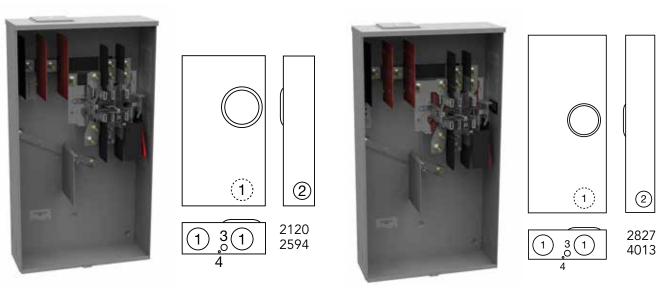
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320 Amp | 7 Terminal | Ringless



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.

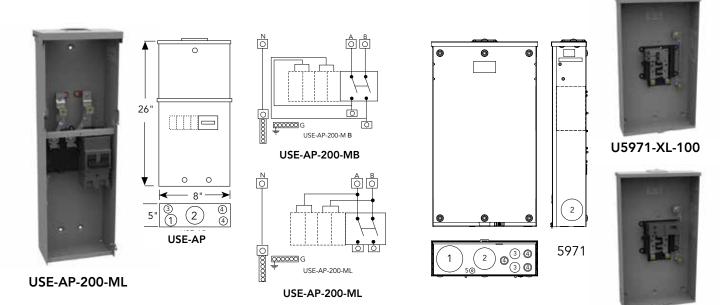
• Connector Kits: Stud type units are supplied with <sup>3</sup>/<sub>4</sub>"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. For single lug connector kits for the U2120 and U2594 units, order as extra K3082 (350 kcmil) or K3441 (600 kcmil). For twin lug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

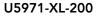
Catalog Number U5971-XL-100	Main Breaker	Branch	Service	Hub	Di	mensi	ons		Kn	iockoi	uts	
	Amp	Circuits	Service	пub	D"	W"	H"	1	2	3	4	5
U5971-XL-100	100	10	OH/UG	C.P.	4½	141/8	251/16	3	21/2	1	1/2,3/4	1/4,1/2
U5971-XL-200	200	8	OH/UG	C.P.	4½	141/8	25 <sup>1</sup> ⁄16	3	21/2	1	1/2,3/4	1/4,1/2

#### 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).

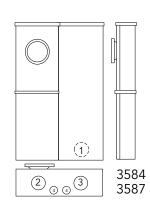


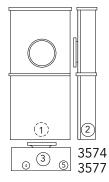


### **Meter Mains**

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.

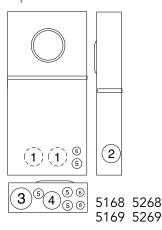


### **Meter Main with Load Center**

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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole Circuit Breaker	Lever	5¾	25	30	3	3	4	3	1/2
M400-PAR-UG**1	4	UG	200 Amp/2 Pole 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 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 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.



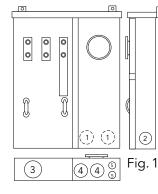
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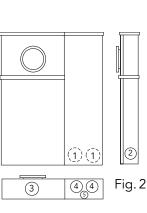


### Meter Main with Split Load

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 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 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 2 Pole–T-Fuse	200 Amp 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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.



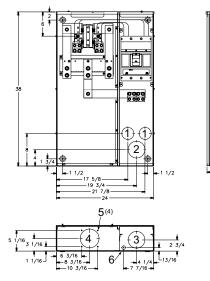
### **Meter Main Combination**

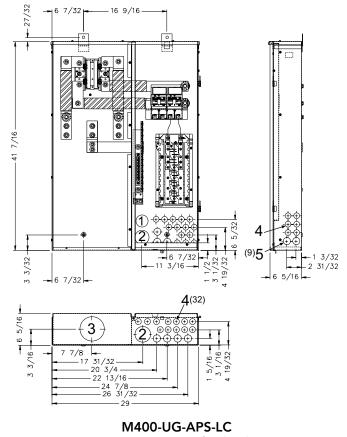
320 Amp | 4 Terminal | Ring Type





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 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 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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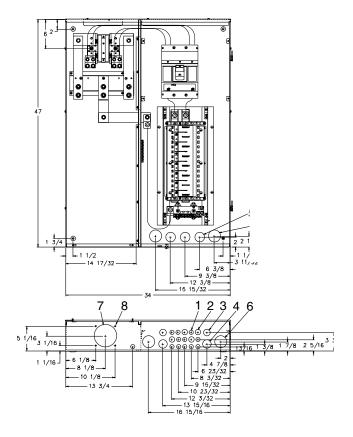


### **Meter Main Combination**

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 Disconnect	Bypass	D"	W"	Η"	1	2	3	4	5	6	7	8
M404-UG-LC*	4	UG	400 Amp 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 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.



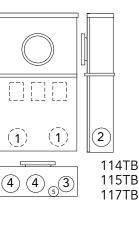
### Test Block Bypass/Safety Sockets

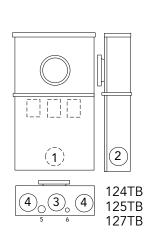
100 & 200 Amp | 4, 5 & 7 Terminal | Ring Type













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

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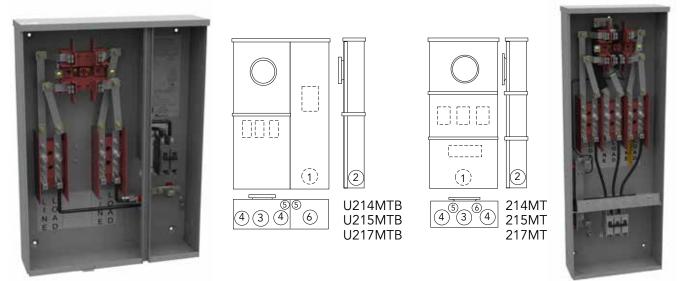


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### Test Block Bypass/MTB Series

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.

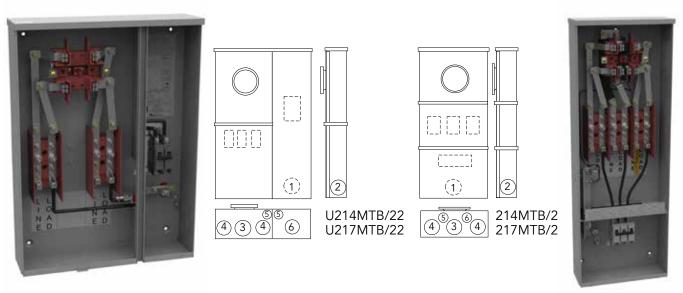
\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

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.

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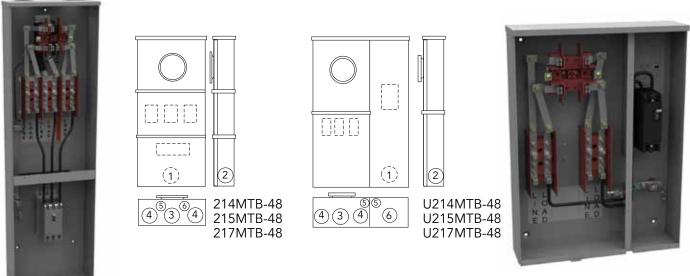


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34 IDD AMP TEST BLOCK BYPASS 10(

### **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.

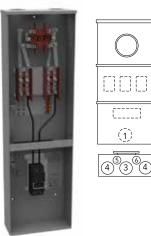
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

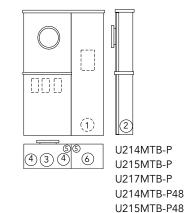


### Test Block Bypass/MTB-P& MTB-P48 Series



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	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.

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.

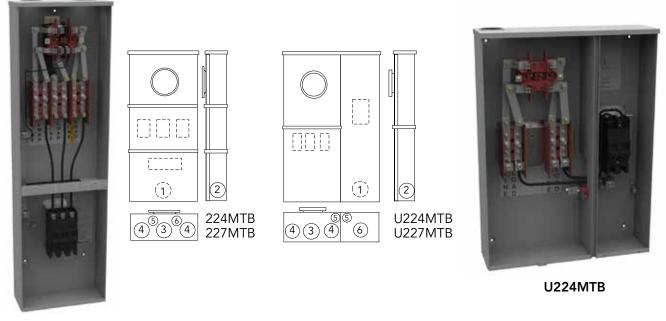


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### **Test Block Bypass/MTB Series**

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.

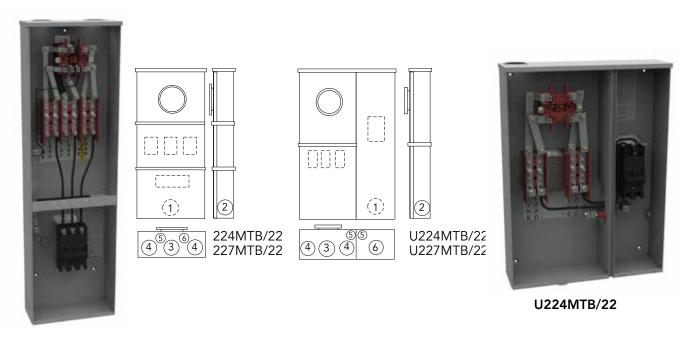
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



# 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
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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.

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
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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.

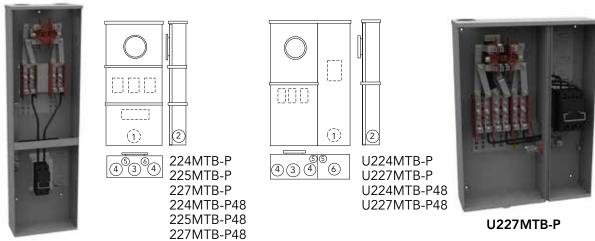
• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* 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.

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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 VAC 1Ø3W	12/24	100A, 2P, 10K Milbank Q2100	45⁄8	25	24¾	Utility Section	
U214MTBPL*	100A,120/240 VAC 1Ø3W	12/24	100A, 2P, 200K Boltswitch PT223	4%	25	24¾	(1) ½" (3) 1¼", 1½", 2", 2½"	Customer Section
U217MTBL	100A, 240Δ/120; 208Y/120 VAC 3Ø4W	18/36	100A, 3P, 10K Siemens BQ3100	45⁄8	25	24¾	(3) 1⁄2", 3⁄4"	(7) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U217MTBPL	100A, 240∆/120; 208Y/120 VAC 3Ø4W	18/36	100A, 3P, 200K Boltswitch PT323	45⁄8	25	24¾	(1) ½", ¾", 1", 1¼" (2) ¾", 1", 1¼", 1½"	
U224MTBL*	200A,120/240 VAC 1Ø3W	20/40	200A, 2P, 10K Milbank UQFP-200	6	27	30	Utility Section (1) ½", ¾"	
U224MTBPL*	200A,120/240 VAC 1Ø3W	20/40	200A, 2P, 200K Boltswitch PT224	6	27	30	(2) 1¼", 1½", 2", 2½" (1) 2½", 3"	Customer Section
U227MTBL	200A, 240∆/120; 208Y/120 VAC 3Ø4W	24/42	200A, 3P, 10K Siemens QJ23B200	6	27	30	Customer Section (11) ½"	(6) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U227MTBPL	200A, 240∆/120; 208Y/120 VAC 3Ø4W	24/42	200A, 3P, 200K Boltswitch PT324	6	27	30	(2) ½", ¾" (1) ½", ¾", 1", 1¼" (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.

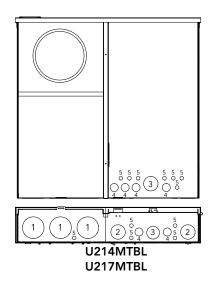


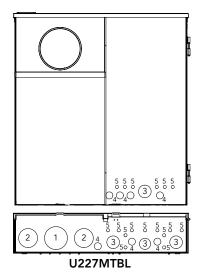
# Test Block Bypass/MTBL

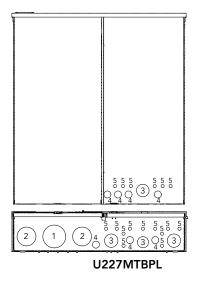
Knockout Information



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 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 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 Circuit Breaker	Number of Lug Collars 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 Number	Circuit Breaker	Mfg.	Part 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 Number	Number of Lug Collars 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 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 Number	Amp	Phase
TB100-47	100	Phase A, B & C
TB100-5 Center Block Only	100	Phase B – 3Ø3W
TB200-47	200	Phase A, B & C
TB200-5 Center Block Only	200	Phase B – 3Ø3W
TB200-LL	200	Lug – Lug



### PT324

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

Catalog Number	Amp	Rating	Ca 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 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					

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# **Underground Termination Boxes**

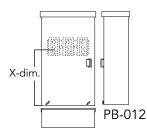
600 VAC

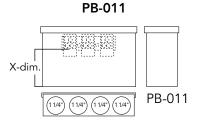






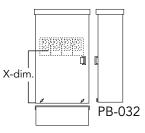
PB-038







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** PB-014-NK	400	1Ø3W	½"x13 Studs	#4-600 Twin 1/0-250	6	16	36	22	50K Amp		
PB-018** PB-018-NK	800	1Ø3W	1⁄2"x13 Studs**	#4-600 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** PB-034-NK	400	3Ø4W	1⁄2"x13 Studs**	#4-600 Twin 1/0-250	6	16	36	22	50K Amp		
PB-038**	800	3Ø4W	1⁄2"x13 Studs**	#4-600 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**.

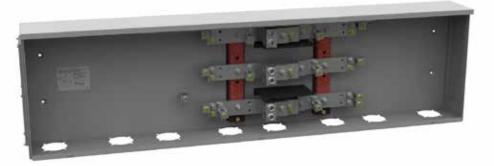
\*\* 2 studs per lug position provided for 400 amp units. 4 studs per lug position provided for 800 amp units.

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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

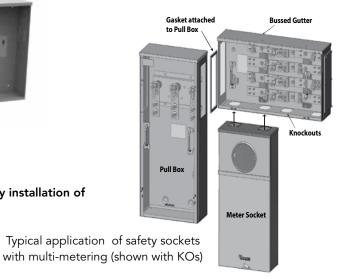
- Short Circuit Current Withstanding Rating: Standard bracing is 42K AIC.
- Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.
- **Cover:** Lift handles provided along with a cover sealing provision. A removable, sealable cover is provided at both ends for pull box assembly.
- 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.

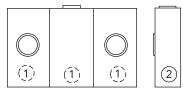


### **Multi-Position Sockets**

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



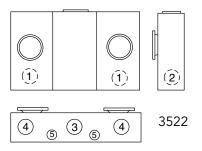
U8032-XL







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

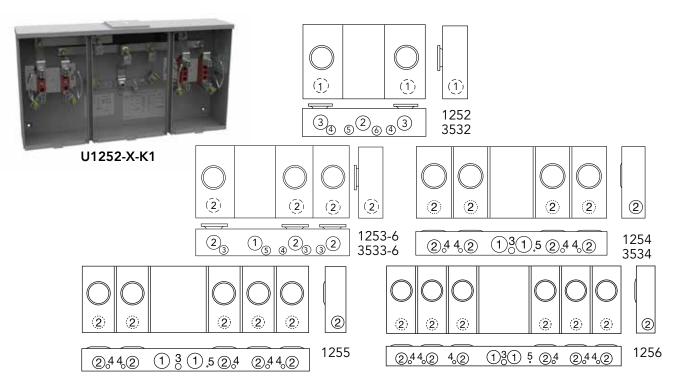
SOCKETS

- 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 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 Number	Compatible With	Wire Range
	-K1	K1539	U2852-56 U2862-66	#6-350
SINGLE	-K3	K1540	U2854-56 U2864-66	#4-600
TWIN	-K2	K1350	U2854-56 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 (Westinghouse)	Simens (ITE)	Siemens Murray/ 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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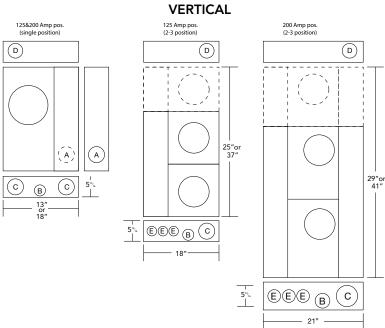
125-200 Amp | 22K AIC Rated | 240 VAC

21'



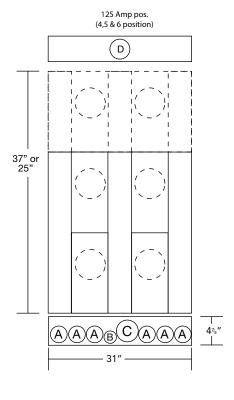
U2852-X

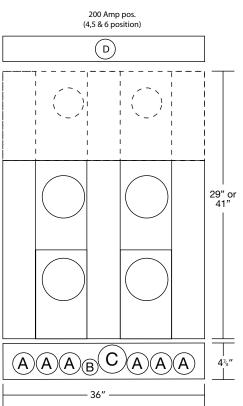
CONDOMINIUM METERING BANKS



RECTANGULAR

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





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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.

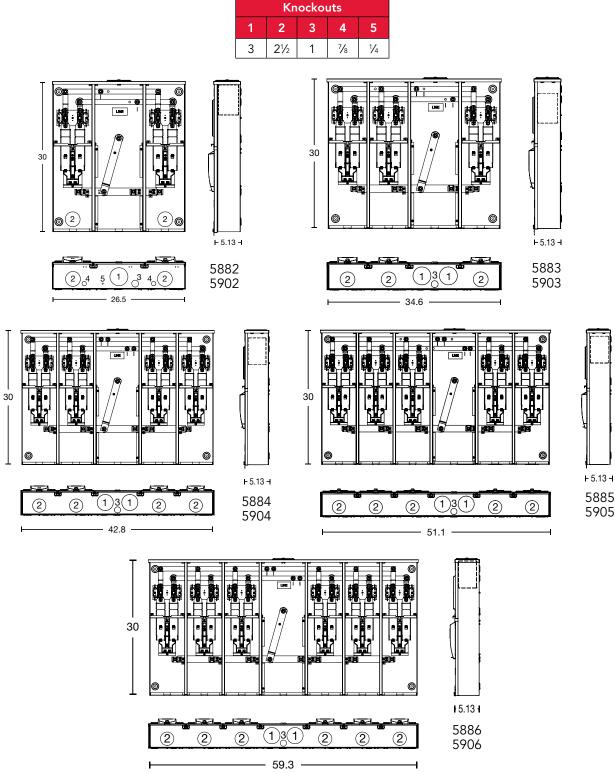
#### Breaker Chart - 10K AIC (unless noted 22K)

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





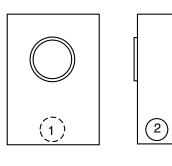




### **Current Transformer**

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 & 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 & (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 & (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 & (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.

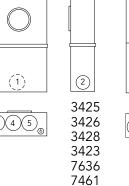


### **Current Transformer**

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 & (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 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 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.

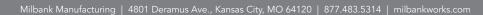
- Test Switch Covers: Units on this page can be used with clear lexan cover (except units 7636 and 7461).
- Connectors: Units are supplied with sleeve type connectors (#14-#2).
- Hubs: For proper hub selection see the hub suffix chart in accessory section.

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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**

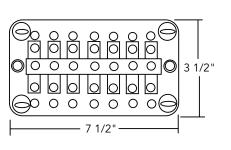
- Factory Installed: For cover installed add the suffix -WC or -WCFL to the catalog number of desired test switch
- Field Installed: For field installed cover order kit number K3388 or K3388-BLK-FL.

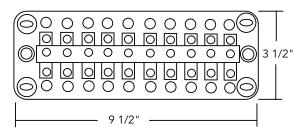
The MILBANK test switch is designed to meet the critical requirements of the electric utility industry. Not only do they meet EEI, ANSI C12.9, and UL standards but they combine several special features giving the MILBANK test switch increased safety, durability and reliability. One such feature is our 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

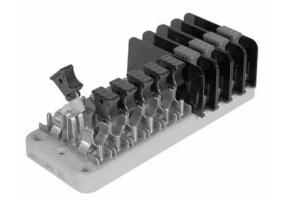




	KEY
Р	Potential Switch
C+	Line side current switch with short circuit assembly
С	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
	Line side current switch with short circuit assembly

#### 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 Number			4	-POL	E		
TS04-0101	Х	Р	Pn	Х	C+	С	Х
TS04-0104	Х	C+	С	Х	Р	Pn	Х

Catalog Number			7	-POL	E		
TS07-0105	Р	Р	Pn	C+	С	C+	С

Catalog 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 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: _		 	 

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 short circuit assembly
С	Load side current switch with test jack assembly
Ν	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
	Line side current switch with short circuit assembly

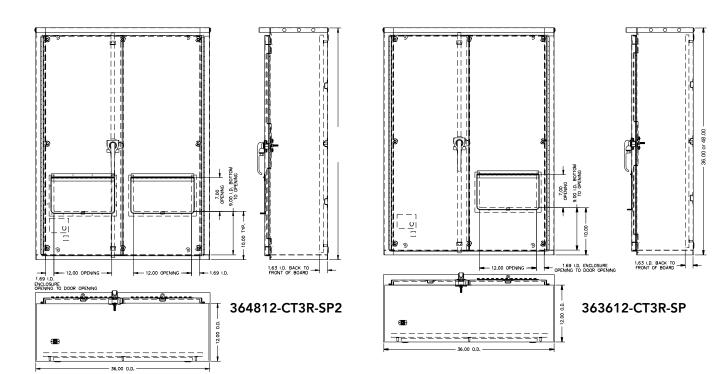
**Custom Pole Arrangements:** The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/ shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed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





# **Current Transformer 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**

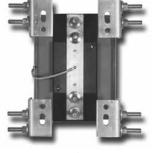


K4797



K4722





K4793/K4795

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

Catalog Number	Code	AIC Rating	Amp	Volts	Type of 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 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 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.





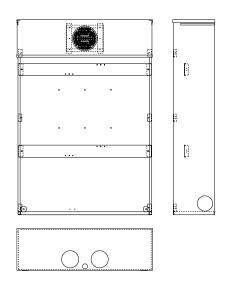


# **Metered Transformer Cabinets**

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 & (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 & (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.

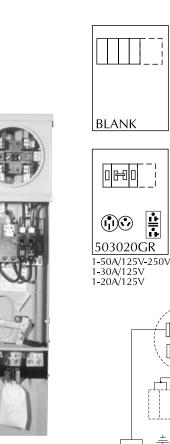


125 Amp | Mobile Home Metered | 120/240 VAC

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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

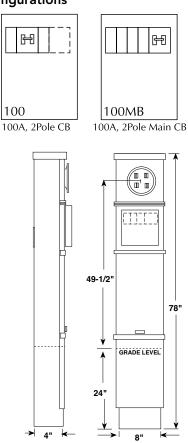
MPRV-100-MB-78

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

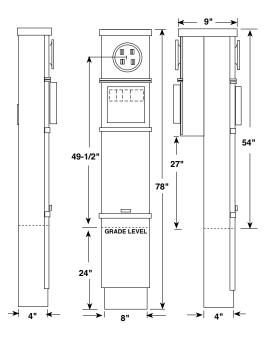
### **Specifications**

- 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.

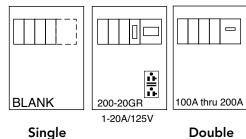


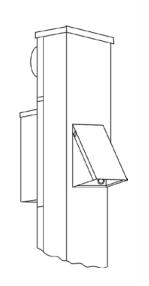


200 Amp | Mobile Home Metered | 120/240 VAC



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

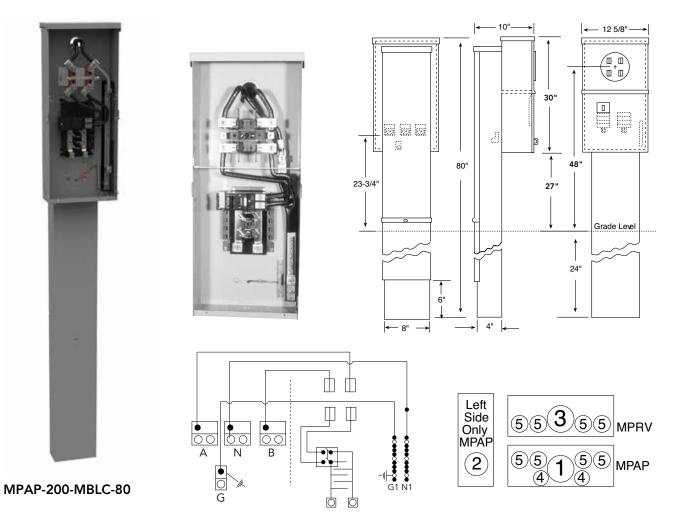
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- 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping.
- UQFP breaker provisions factory wired in parallel with branch breaker bus. Series wiring available. Specify MB after breaker rating, ex. MPAP-200-MB.
- 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.

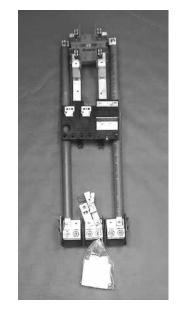
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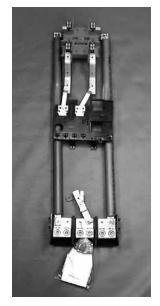




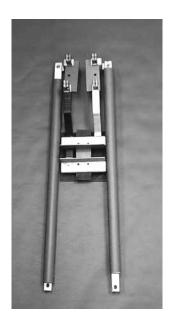
Catalog Number Z020-148-00-00-0 MPAP 200A interior rebuild kit

### **Replacement Parts**

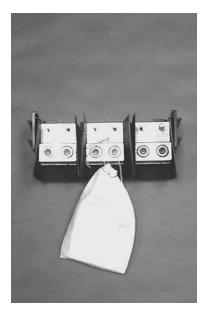
Mobile Home Rebuild Kits



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.



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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### **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.

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.



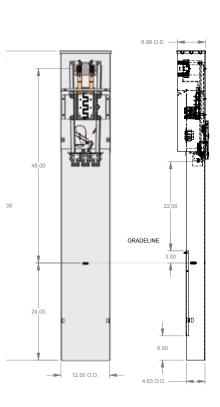
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# **Mobile Home Pedestals**

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

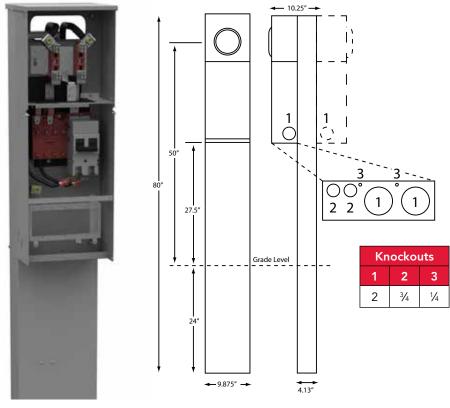
### Notes

- 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 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 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 (2) UQFPH-M series		4	16	10	80	
U5243-O	Double	Pad Mount	Provision for (2) UQFPH-M series	_	4	16	10	56	

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

### Accessories

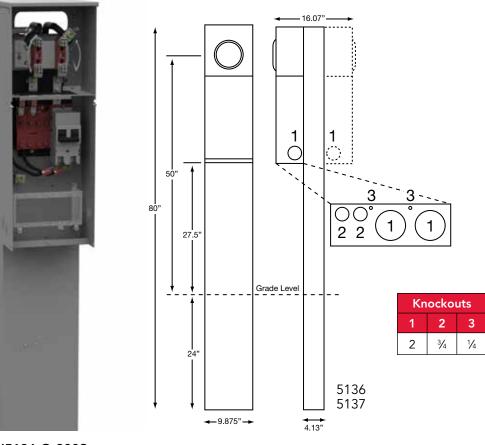
Catalog Number	Description
K5415	Stabilizer foot with hardware
K5035	Pad mount kit with hardware for U5242 & U5243
K5T	5th terminal for 208y/120V 3-wire service
K5193	Bus kit to convert series-wired main breaker to parallel
K5194	Wire kit to convert parallel-wired main breaker to series
K3450	Telephone/CATV 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.

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

U5136 & U5137 Series | Ringless

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

Catalog 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 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 (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 UQFPH-M series	4 circuit	10¼	10	56	2	1/2,3/4	1⁄4
U5139-O	Double	Pad Mount	_	Provision for UQFPH-M series	4 circuit	161/16	10	56	2	1/2,3/4	1⁄4

#### Accessories

Catalog 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			

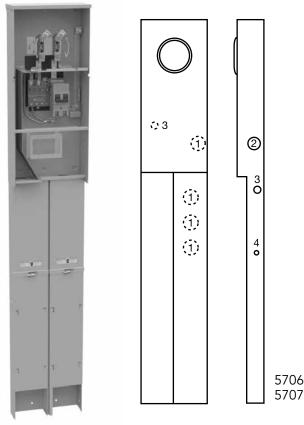
### Notes

- 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

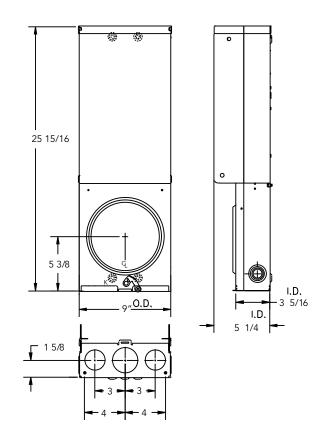


Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, 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







## **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.

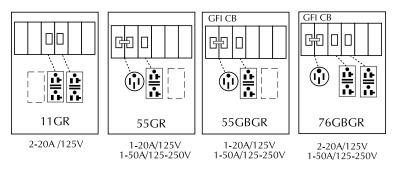
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, 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.

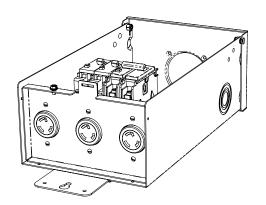
Non-stock items - minimum order quantity required.



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-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.

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.

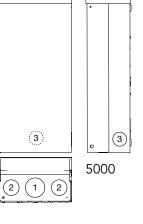




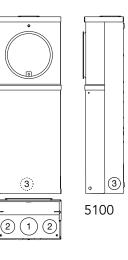
# **Surface Mount Power Outlets**

Millennium Series | 120/240 VAC





U5000-XL-75



U5100-XL-75

### 125 Amp | Surface Mount Power Outlets

Catalog	Metered/	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, (1) 5-20R GFI		

### **Circuit Breaker Configurations**

Х	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

### NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

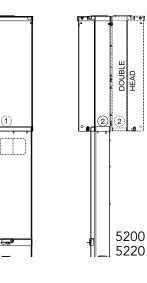


# **Power Outlet Pedestals**

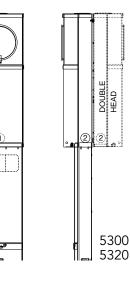
Millennium Series | 120/240 VAC











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

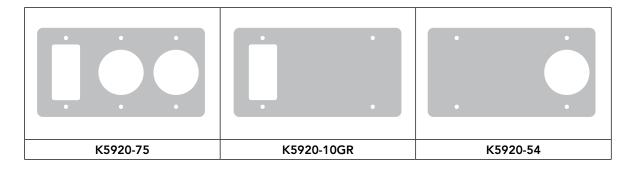
These units are typically used for submetering applications. Contact factory for additional configurations not shown here. Pad mount is available. Contact factory for information.

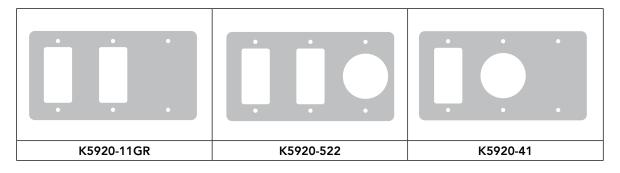


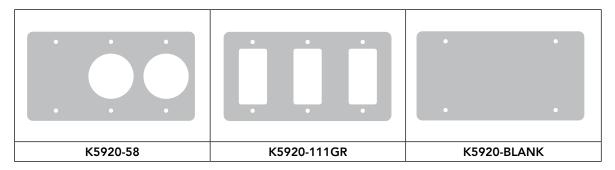


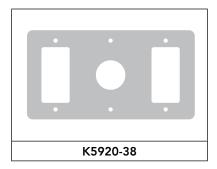
## **Replacement Receptacle Plates**

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 Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. Cover on unmetered power outlet is 191/8" in height.	
Ordering	Order with <b>-LD</b> suffix (after catalog number) for factory installed. 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 Features	Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. 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. 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 lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. Order catalog number <b>K6213</b> for field installed.			
Application	Internal light kit for metered power outlets			
Fluorescent Features	Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. 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. 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

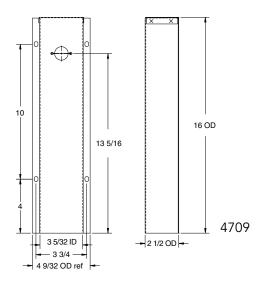


### Telephone and Cable TV Kit

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 and (1) Type F coaxial CATV jack. Dual: 16" galvenized raceway, (2) RJ11 telephone jacks		
	and (1) Type F coaxial CATV jack. 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. 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 mount base to post. Anchor bolt kit sold separately (order catalog number <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. 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, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws. See CL200 for Watt-hour meter specification.	ERENE DE LECENT
Ordering	Order catalog number <b>K4800-01 mechanical meter</b> 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. Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available. Remanufactured within 1% accuracy.	
Ordering	Order catalog number <b>CL200-D</b> .	<b>CL200-D</b> Digital

### Single Receptacle Only Power Outlet

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

### WARNING!

Always disconnect power prior to installing these devices.

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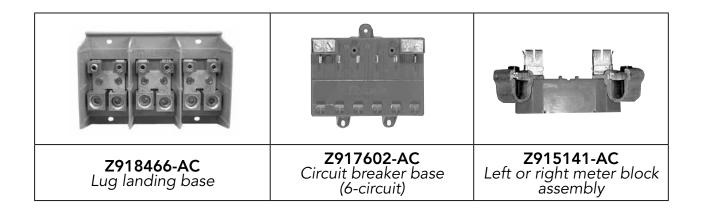


# **Replacement Parts & Accessories**

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 Part number	Metered/Unmetered Surface Mount/ Pedestal	Amp
K5400-100MBM	Metered	100
K5400-100MBU	Unmetered	100



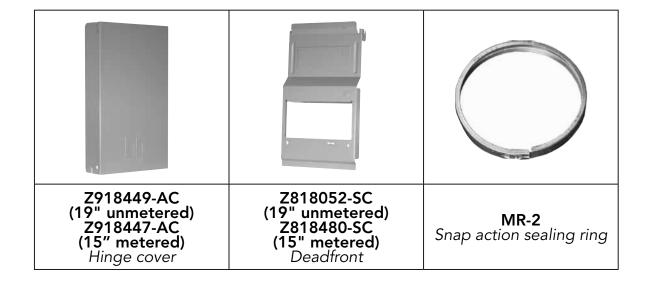


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# **Replacement Parts & Accessories**

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 (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		

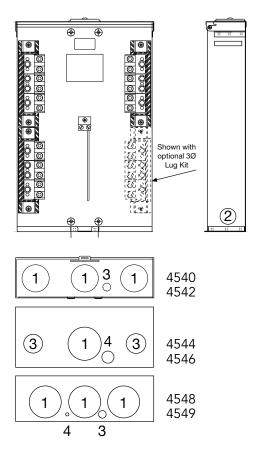


## **Recreational Vehicle**

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 (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 (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"

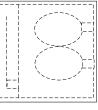
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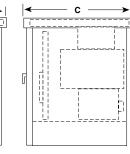
40"

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**

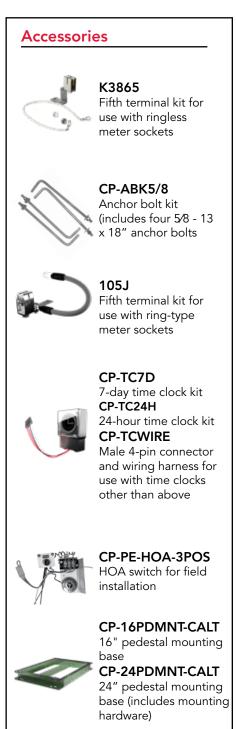
These units are ideal for controlling and metering:

- 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

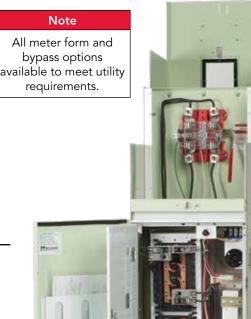
Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V

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

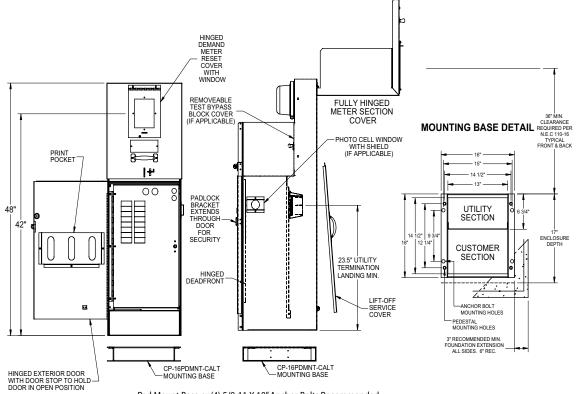
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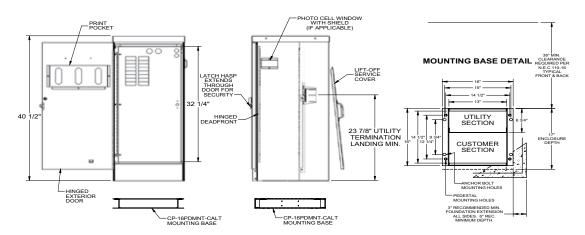
16" Metered & Unmetered Drawings

## "A" Style 16" Metered Commercial Pedestal





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



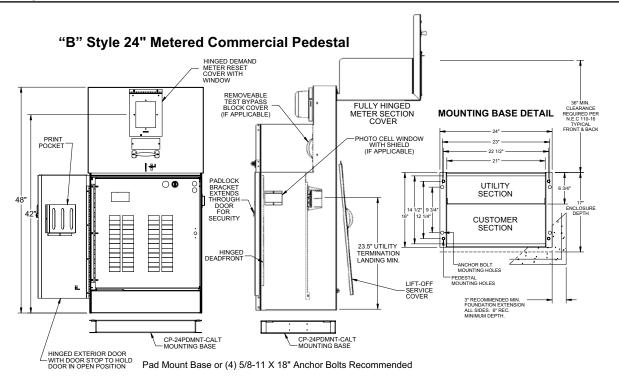
Pad Mount Base or (4) 5/8-11 X 18" Anchor Bolts Recommended



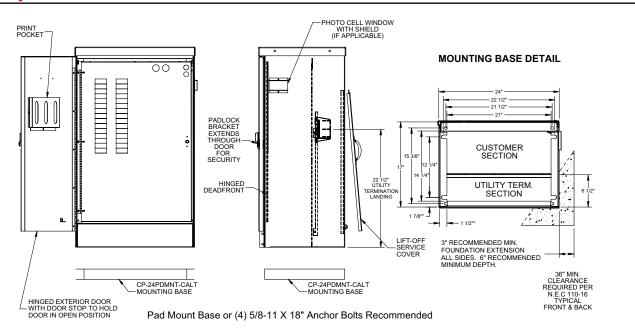
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## **Commercial Pedestals** 24" Metered & Unmetered Drawings

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



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

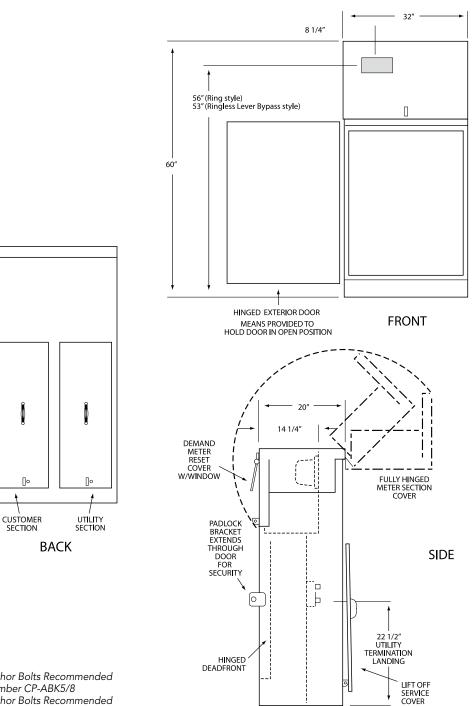






32" Metered Drawings

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



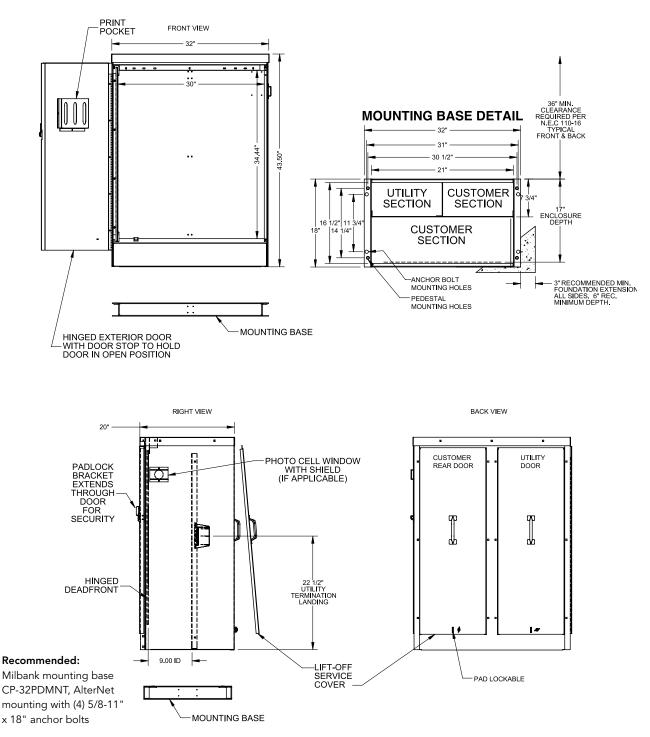
 (4) 5/8-11 X 18" Anchor Bolts Recommended Catalog Number CP-ABK5/8
 (4) 5/8-11 X 18" Anchor Bolts Recommended

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32" Unmetered Drawings

## "Q" Style 32" Unmetered Commercial Pedestal



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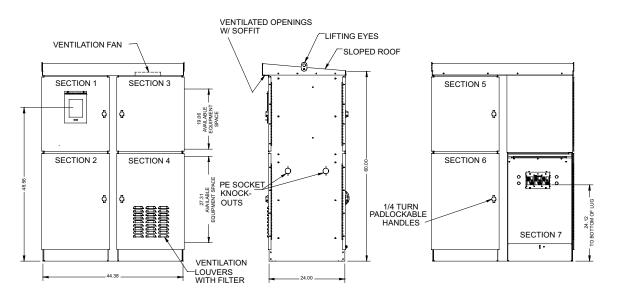


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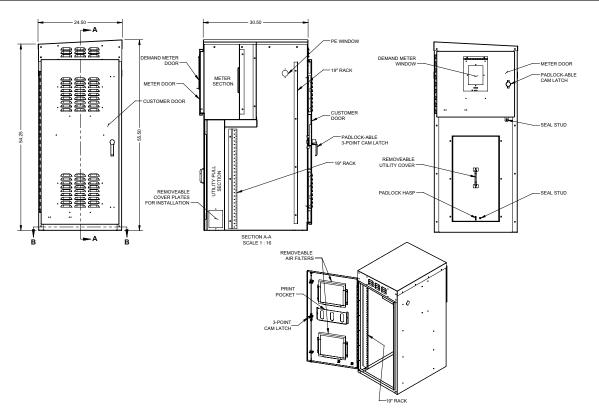


"D" and "C" Style Drawings

## "D" Style Metered Commercial Pedestal



## "C" Style 54" Metered Commercial Pedestal

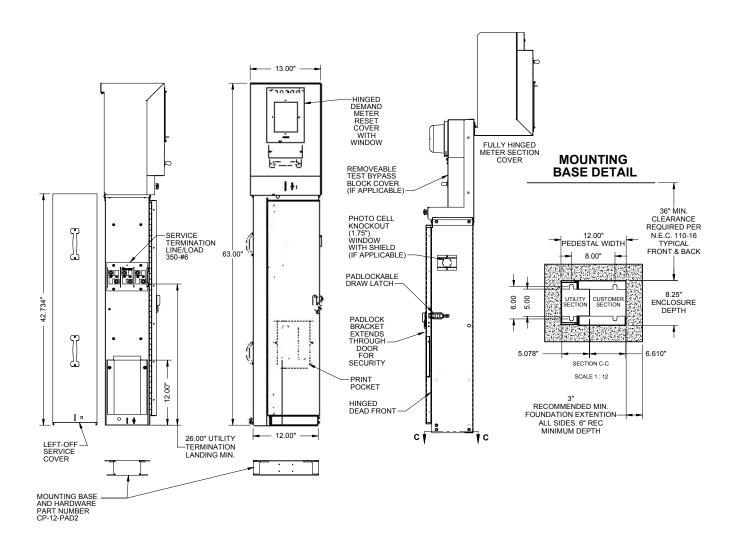




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Slimline "A" Style Drawing

### "A" Style Slimline Metered Commercial Pedestal



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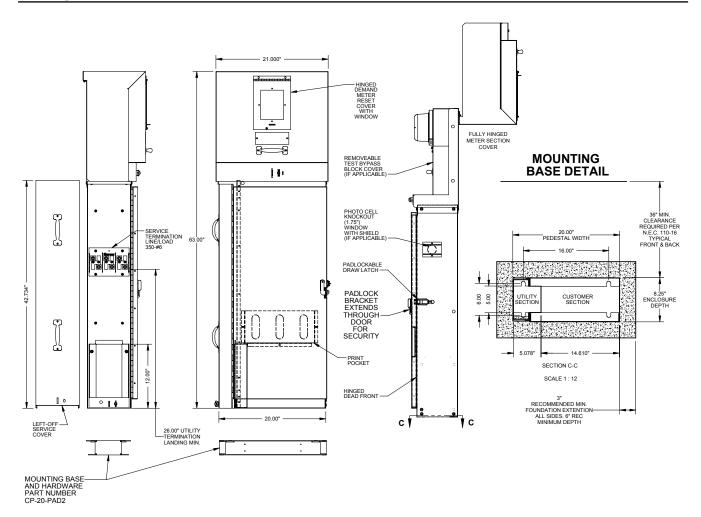


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Slimline "B" Style Drawing

### "B" Style Slimline Metered Commercial Pedestal



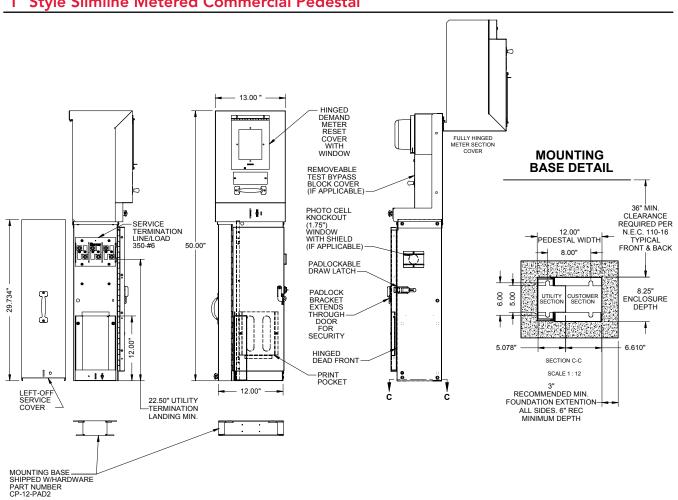
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Slimline "I" Style Drawing

### "I" Style Slimline Metered Commercial Pedestal



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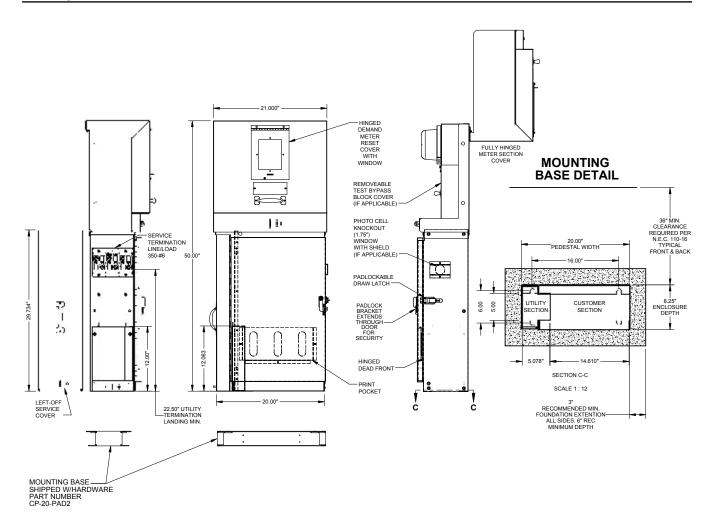


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Slimline "J" Style Drawing

### "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:	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**

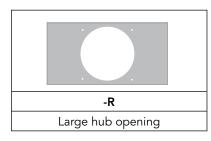
Protect components housed in enclosures from damage caused by overheating, freezing, humidity and condensation with these thermal management products.



### 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 I to small 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 rotating)
K3L	K1540L	4-600 or (2) 1/0-250 (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**

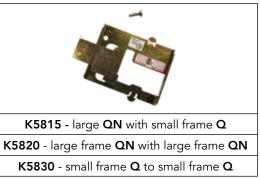


(sold in pairs, designed for temporary use only.)

### **Closing Covers**

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

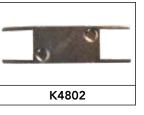
### **Generator Interlock**



### **Disconnect Sleeve**



### Anti-Inversion Clip



### Isolated Neutral Kit





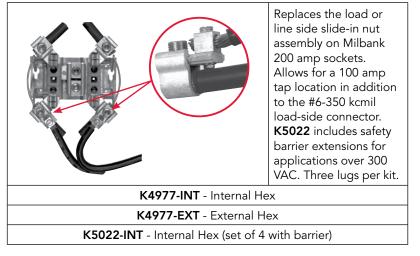
### Accessories

### 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)

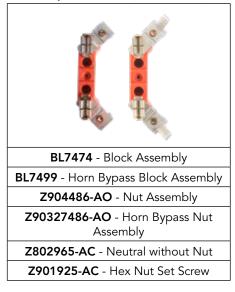


### **Triplex Ground**

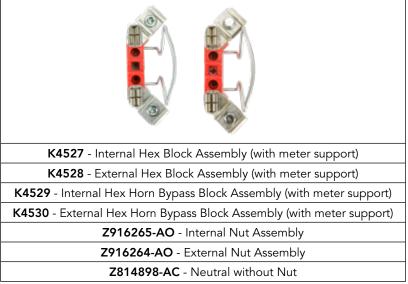


(For factory installed triplex ground, add suffix -TG to catalog number)

### 100 Amp Blocks (single sockets only)



### 200 Amp Blocks (single sockets only)



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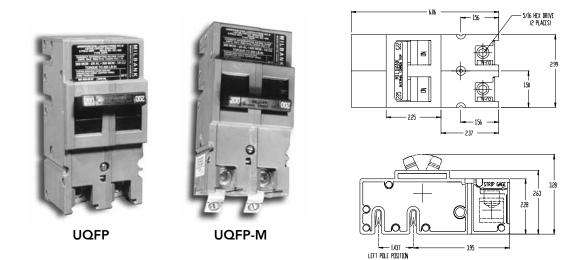


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### Accessories

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



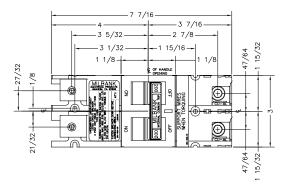
UQFB-X

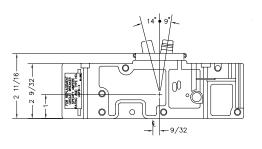


UQFB



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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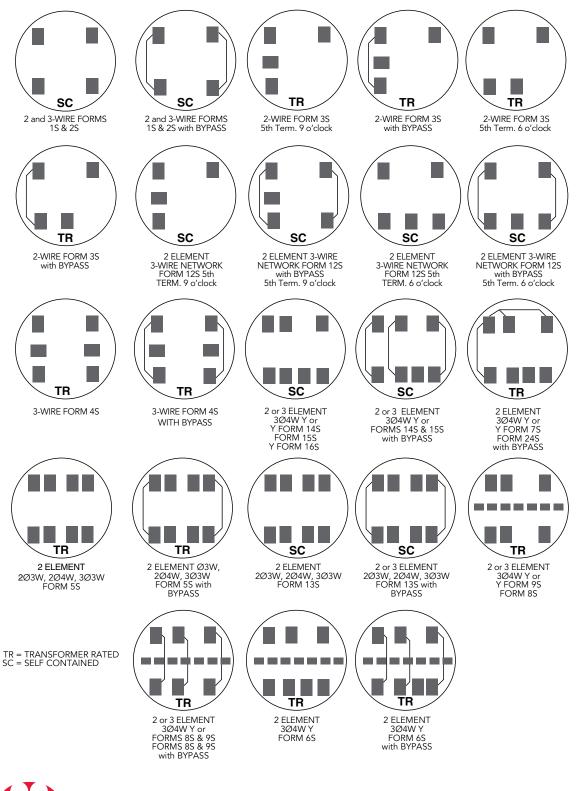


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### Watthour Meter Forms

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

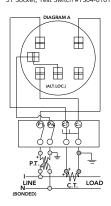
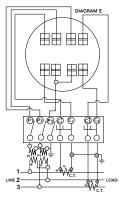


DIAGRAM E 3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105



**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

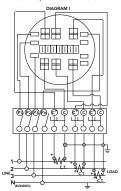


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter (2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

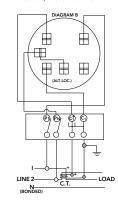


DIAGRAM F 3Ø3W "A" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

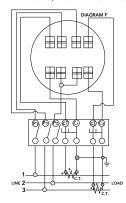


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109

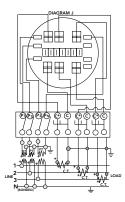


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

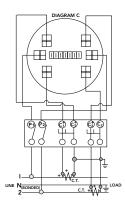


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

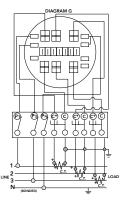


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

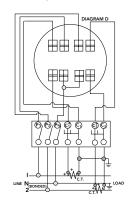
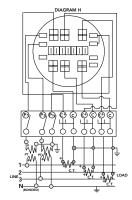


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



**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.

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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## 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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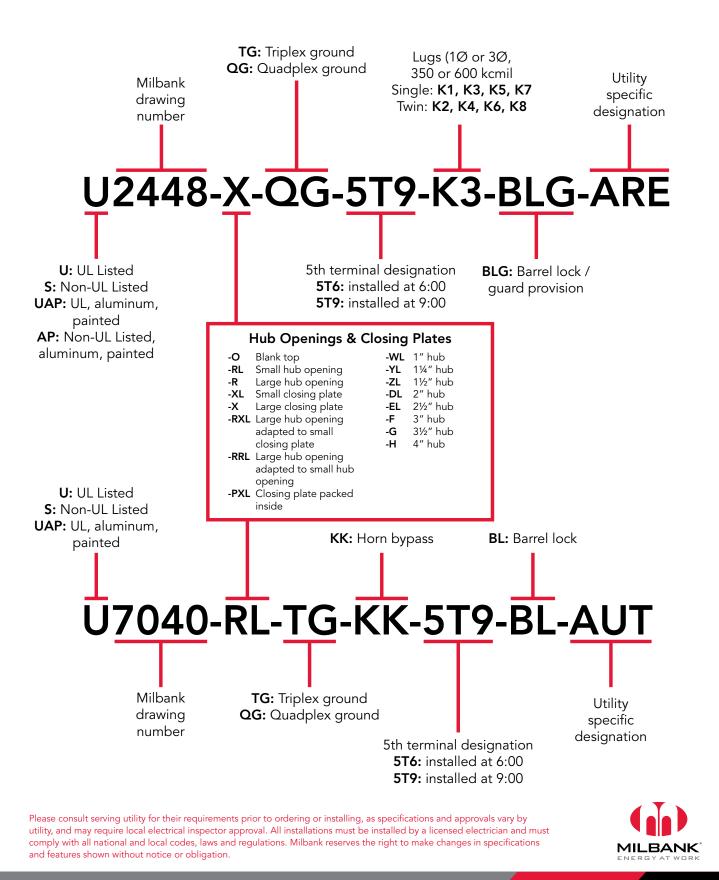


## **Catalog Number Logic**

How our product catalog numbers are derived

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LOGIC



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U217MTBB/22	305A, 311	33	U214MTBPL	305A, 311	40	CT484814-HC	316, 317, 318	61
214MTB-48	305A, 311	34	U217MTBL	305A, 311	40	К4903	328B	60
215MTB-48	305A, 311	34	U217MTBPL	305A, 311	40	К4904	329B	60
217MTB-48	305A, 311	34	U224MTBL	305A, 311	40	K4722	329B	60
U214MTB-48	305A, 311	34	U224MTBPL	305A, 311	40	K4729	328B	60
U215MTB-48	305A, 311	34	U227MTBL	305A, 311	40	K4797	328A	60
U217MTB-48	305A, 311	34	U227MTBPL	305A, 311	40	K4798	339A	60
214MTB-P	305A, 311	35	PB-011	305A, 311	45	UC3435-XL	339	54
215MTB-P	305A, 311	35	PB-012	343A	45	UC3436-XL	339	54
217MTB-P	305A, 311	35	PB-014	343	45	UC3438-XL	339	54
U214MTB-P	305A, 311	35	PB-014-NK	343	45	UC3433-XL	339	54
U215MTB-P	305A, 311	35	PB-018	343	45	UC3434-XL	339	54
U217MTB-P	305A, 311	35	PB-034-NK	343	45			
214MTB-P48	305A, 311	35	PB-032	343A	45			



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**

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 Number			Weight Wire Range Ground Wire Dimensions		Veight Wire Range Ground Wire Dimensions		eight Wire Range Ground Wire Dime		Ground Wire 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

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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 H.P.	Weight (lbs.)	Line/Load Wire Range		Ground 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

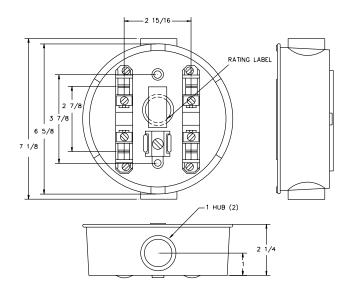
Catalog Number	Breaker	Туре	Weight		Load Range	Ground Wire Range	Dir	nensio	ons
Number	Amp		(lbs.)	CU	AL	CU/AL	D"	W"	H"
U4881-O	—	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	<b>7½</b>	81⁄2
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	<b>7½</b>	81⁄2
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0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

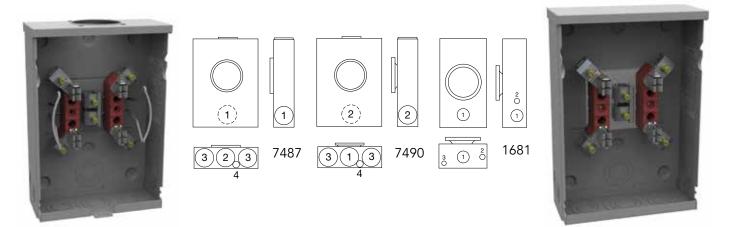
- Hubs: Accepts standard meter socket hubs.
- Construction: Units are Type 3R for durable outdoor use, lockable and sealable.
- \*Application: The standard bonded neutral units are applicable in areas where utility does not require an isolated neutral.



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.



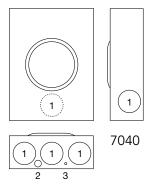
# Single Position Sockets

200 Amp | 4 Terminal | Ringless

13 200 AMP SINGLE POSITION SOCKETS

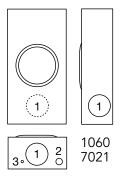


U7040-XL-TG



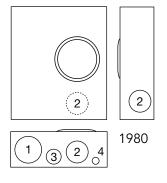


U1060-RL





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**

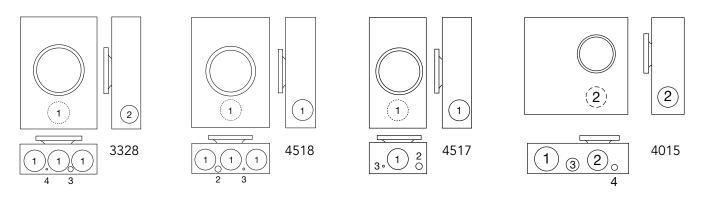
200 Amp | 4 & 7 Terminal | Ring Type



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

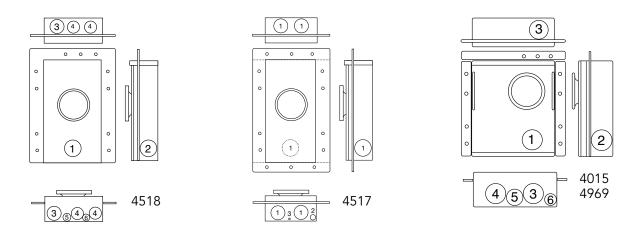


UF4518-KO



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.

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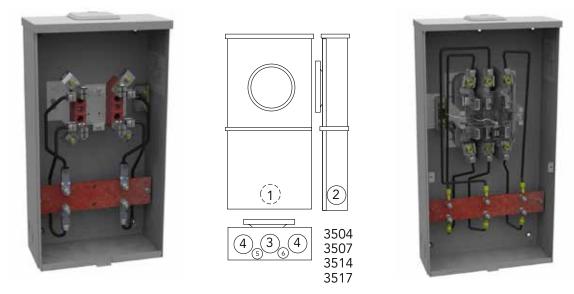


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125-200 AMP LINK BYPASS SINGLE POSITION

## 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.

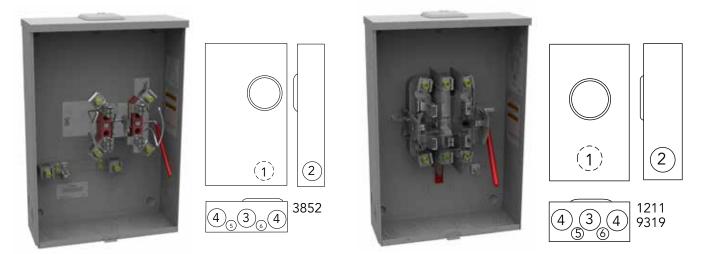
• Connectors: Extruded aluminum connectors are tin plated.

- 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
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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.

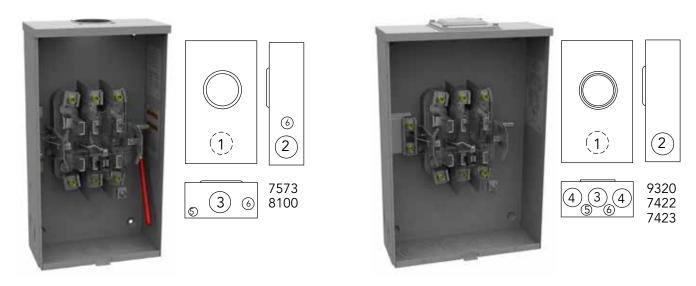
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125-200 Amp | 7 Terminal | Ringless



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.

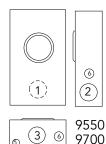


200 Amp | 4, 5 & 7 Terminal | Ringless

#### 19 200 AMP LEVER BYPASS SINGLE POSITION

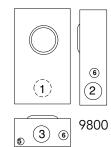


U9701-RXL



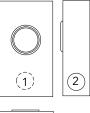


U9800-RRL





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.

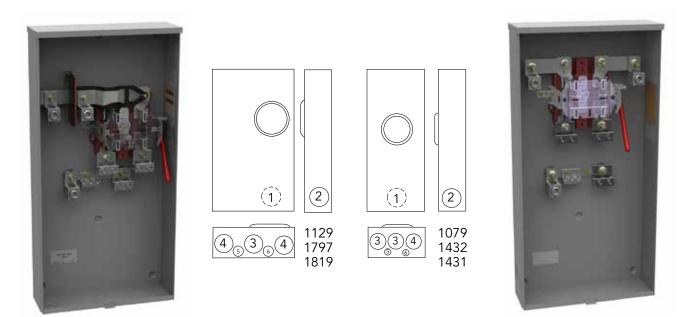
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320 Amp | 4 Terminal | Ringless



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 (2) 1/0-250	Twin #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 (2) 1/0-250	Twin #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.

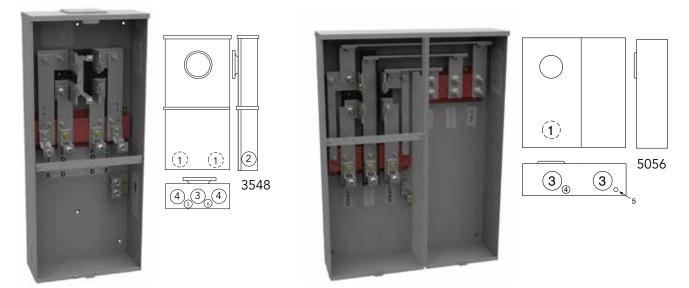
- \*Bypass: Lever supplies clamping action on meter spades only on the U1431, U1432 and U1819. Lever supplies clamping action and also operates bypass device on the U1079, U1129 & U1797.
- Connector Kits: Stud type units are supplied with 3/4 "x16 hex head nuts with Belleville washers. Order two connector 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 = Parallel =	= 4-600 = 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 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.

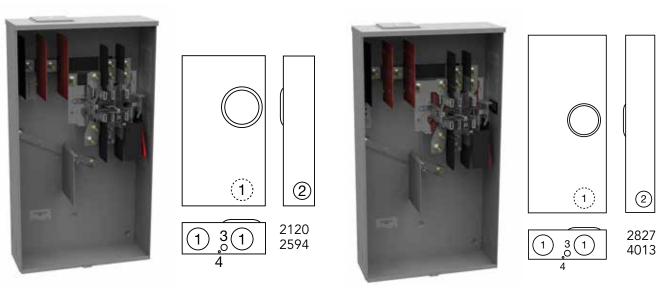
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320 Amp | 7 Terminal | Ringless



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 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.

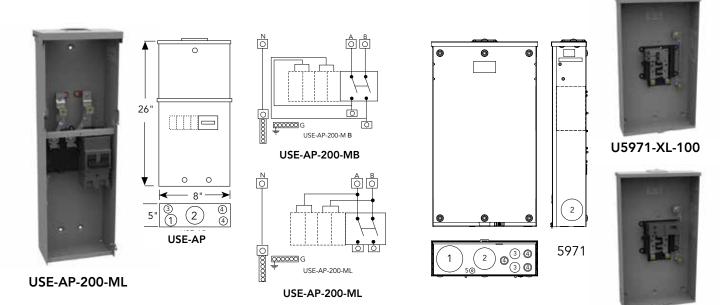
• Connector Kits: Stud type units are supplied with <sup>3</sup>/<sub>4</sub>"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. For single lug connector kits for the U2120 and U2594 units, order as extra K3082 (350 kcmil) or K3441 (600 kcmil). For twin lug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

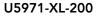
Catalog Number	Main Breaker	Branch	Service	Hub	Di	mensi	ons		Kn	iockoi	uts	
	Amp	Circuits	Service	пub	D"	W"	H"	1	2	3	4	5
U5971-XL-100	100	10	OH/UG	C.P.	4½	141/8	251/16	3	21/2	1	1/2,3/4	1/4,1/2
U5971-XL-200	200	8	OH/UG	C.P.	4½	141/8	25 <sup>1</sup> ⁄16	3	21/2	1	1/2,3/4	1/4,1/2

#### 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).

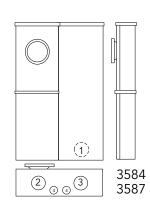


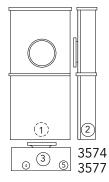


### **Meter Mains**

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.

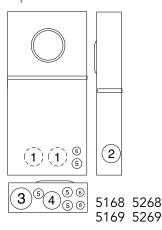


### **Meter Main with Load Center**

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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole Circuit Breaker	Lever	5¾	25	30	3	3	4	3	1/2
M400-PAR-UG**1	4	UG	200 Amp/2 Pole 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 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 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.



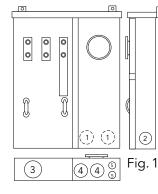
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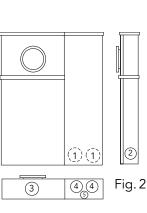


### Meter Main with Split Load

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 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 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 2 Pole–T-Fuse	200 Amp 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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 Circuit Breaker	200 Amp/2 Pole 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.



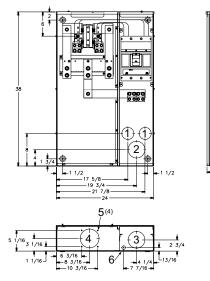
### **Meter Main Combination**

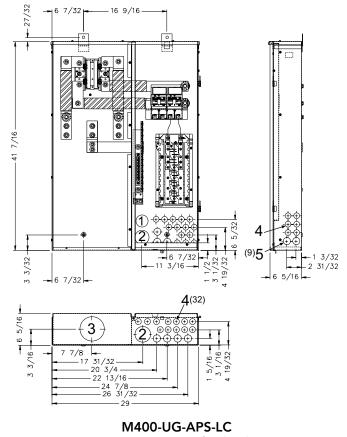
320 Amp | 4 Terminal | Ring Type





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 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 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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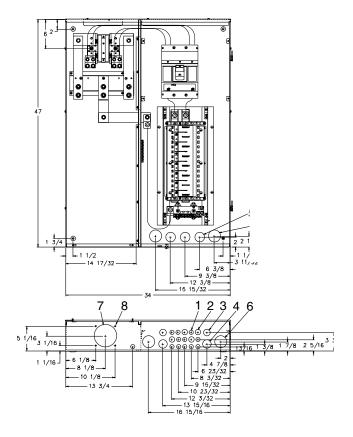


### **Meter Main Combination**

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 Disconnect	Bypass	D"	W"	Η"	1	2	3	4	5	6	7	8
M404-UG-LC*	4	UG	400 Amp 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 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.



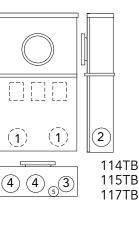
### Test Block Bypass/Safety Sockets

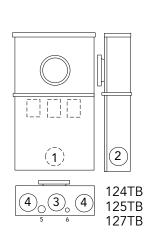
100 & 200 Amp | 4, 5 & 7 Terminal | Ring Type













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.

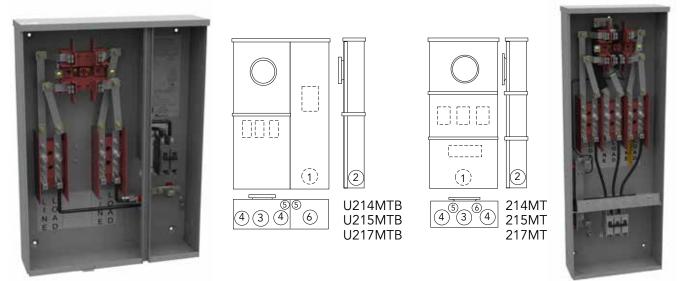


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### Test Block Bypass/MTB Series

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.

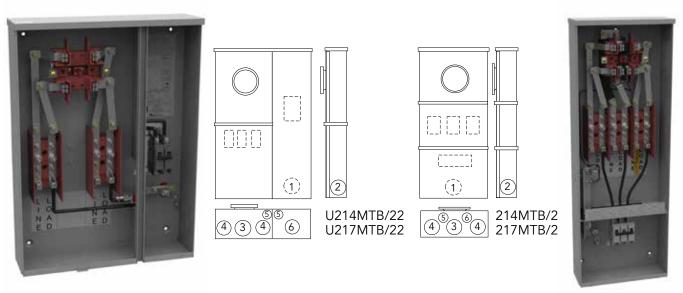
\* For 3W (208Y/120) network service, install field mounted fifth terminal catalog number 105J. See accessories page.

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.

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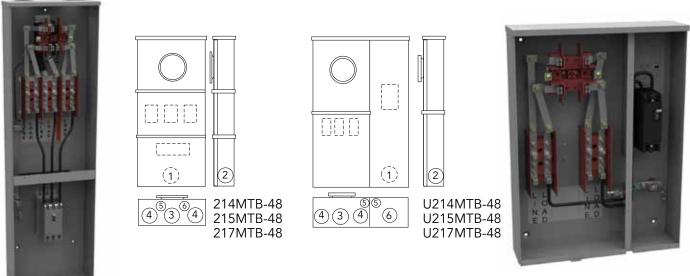


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34 IDD AMP TEST BLOCK BYPASS 10(

### **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.

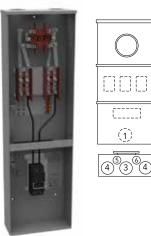
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

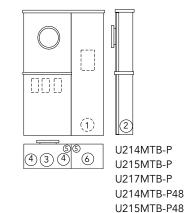


### Test Block Bypass/MTB-P& MTB-P48 Series



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.

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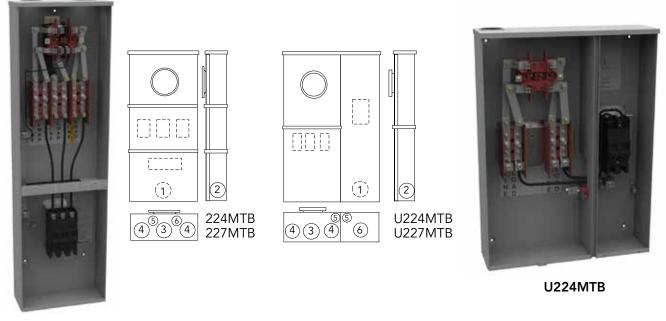


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### **Test Block Bypass/MTB Series**

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.

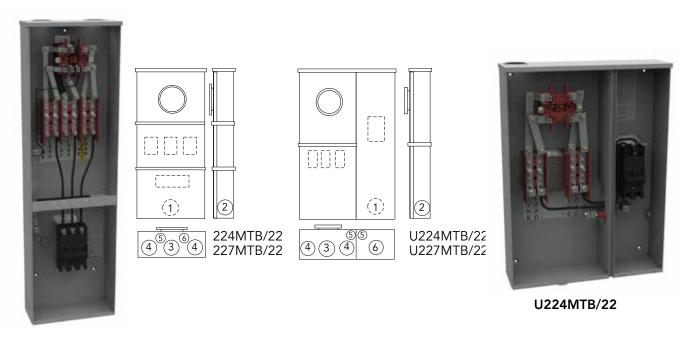
#### These UL listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.



# 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	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.

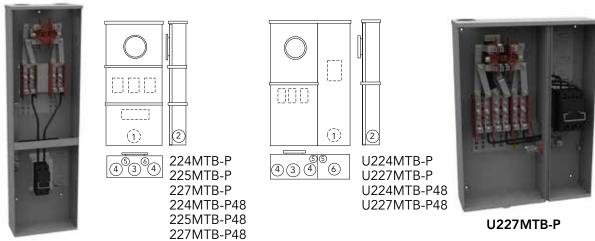
• Sealing Rings: Units furnished with MR-2 snap style sealing rings.

\* 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 VAC 1Ø3W	12/24	100A, 2P, 10K Milbank Q2100	45⁄8	25	24¾	Utility Section	
U214MTBPL*	100A,120/240 VAC 1Ø3W	12/24	100A, 2P, 200K Boltswitch PT223	4%	25	24¾	(1) ½" (3) 1¼", 1½", 2", 2½"	Customer Section
U217MTBL	100A, 240Δ/120; 208Y/120 VAC 3Ø4W	18/36	100A, 3P, 10K Siemens BQ3100	45⁄8	25	24¾	(3) 1⁄2", 3⁄4"	(7) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U217MTBPL	100A, 240∆/120; 208Y/120 VAC 3Ø4W	18/36	100A, 3P, 200K Boltswitch PT323	45⁄8	25	24¾	(1) ½", ¾", 1", 1¼" (2) ¾", 1", 1¼", 1½"	
U224MTBL*	200A,120/240 VAC 1Ø3W	20/40	200A, 2P, 10K Milbank UQFP-200	6	27	30	Utility Section (1) ½", ¾"	
U224MTBPL*	200A,120/240 VAC 1Ø3W	20/40	200A, 2P, 200K Boltswitch PT224	6	27	30	(2) 1¼", 1½", 2", 2½" (1) 2½", 3"	Customer Section
U227MTBL	200A, 240∆/120; 208Y/120 VAC 3Ø4W	24/42	200A, 3P, 10K Siemens QJ23B200	6	27	30	Customer Section (11) ½"	(6) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U227MTBPL	200A, 240∆/120; 208Y/120 VAC 3Ø4W	24/42	200A, 3P, 200K Boltswitch PT324	6	27	30	(2) ½", ¾" (1) ½", ¾", 1", 1¼" (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.

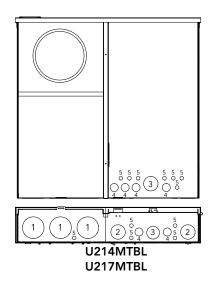


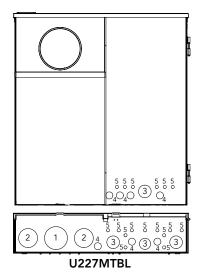
### Test Block Bypass/MTBL

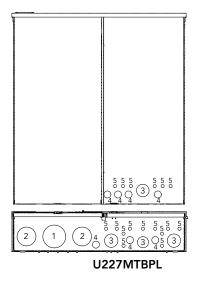
Knockout Information



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 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 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 Circuit Breaker	Number of Lug Collars 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 Number	Circuit Breaker	Mfg.	Part 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 Number	Number of Lug Collars 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.

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### Safety Socket & T-Fuse Replacement



MS-27-TB

#### **Tenant Meter Sockets**

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



#### PT324

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

Catalog Number	Amp	Rating	Ca 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 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**

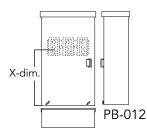
600 VAC

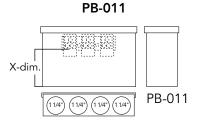






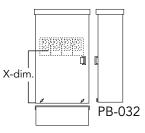
PB-038







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** PB-014-NK	400	1Ø3W	½"x13 Studs	#4-600 Twin 1/0-250	6	16	36	22	50K Amp
PB-018** PB-018-NK	800	1Ø3W	1⁄2"x13 Studs**	#4-600 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** PB-034-NK	400	3Ø4W	1⁄2"x13 Studs**	#4-600 Twin 1/0-250	6	16	36	22	50K Amp
PB-038**	800	3Ø4W	1⁄2"x13 Studs**	#4-600 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**.

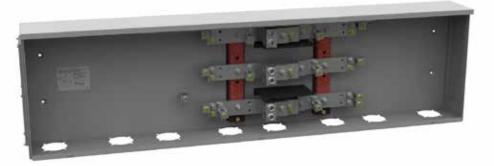
\*\* 2 studs per lug position provided for 400 amp units. 4 studs per lug position provided for 800 amp units.

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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

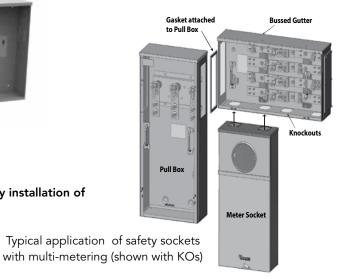
- Short Circuit Current Withstanding Rating: Standard bracing is 42K AIC.
- Connectors and Bussing: Extruded aluminum connectors and bus bars are tin plated.
- **Cover:** Lift handles provided along with a cover sealing provision. A removable, sealable cover is provided at both ends for pull box assembly.
- 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.

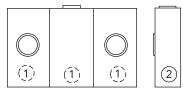


### **Multi-Position Sockets**

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



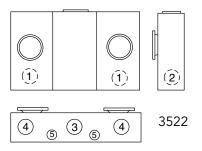
U8032-XL







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

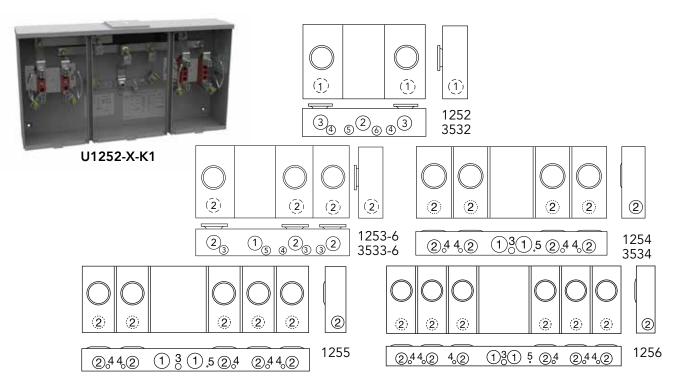
SOCKETS

- 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 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 Number	Compatible With	Wire Range	
	-K1	K1539	U2852-56 U2862-66	#6-350	
SINGLE	-K3	K1540	U2854-56 U2864-66	#4-600	
	-K2	K1350	U2854-56 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 (Westinghouse)	Simens (ITE)	Siemens Murray/ 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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Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314 | milbankworks.con

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

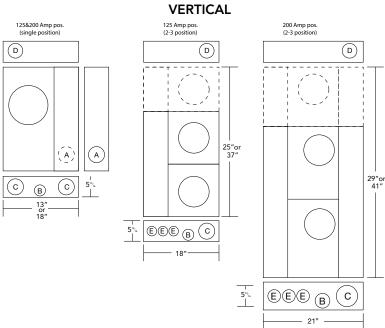
125-200 Amp | 22K AIC Rated | 240 VAC

21'



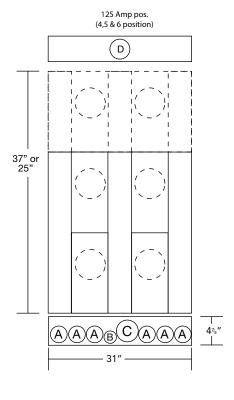
U2852-X

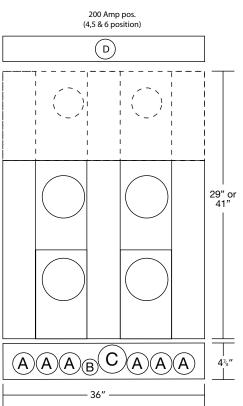
CONDOMINIUM METERING BANKS



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)

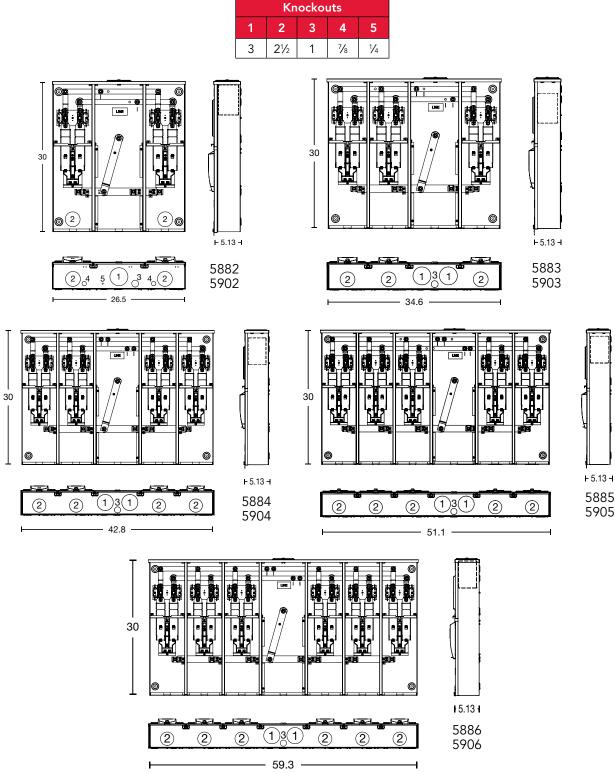
Manufacturer	Cutler Hammer	Siemens	G.E. (50 Amp Max)	Square D
125 Amp or Less	BR, HQP, QPGF	QP, <mark>QPH (22K)</mark>	THQL, THQL-GF	Homeline
150-200 Amp		QN, <mark>QNH (22K)</mark>	_	



## **Multi-Position Meter Mains**

U5902 & U5882 Series | Dimensional Information





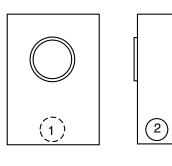




## **Current Transformer**

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 & 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 & (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 & (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 & (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.

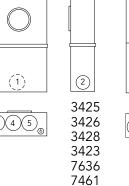


## **Current Transformer**

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 & (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 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 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 Line #14 - #14 - #14 - #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.

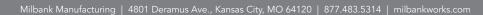
- Test Switch Covers: Units on this page can be used with clear lexan cover (except units 7636 and 7461).
- Connectors: Units are supplied with sleeve type connectors (#14-#2).
- Hubs: For proper hub selection see the hub suffix chart in accessory section.

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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**

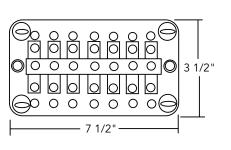
- Factory Installed: For cover installed add the suffix -WC or -WCFL to the catalog number of desired test switch
- Field Installed: For field installed cover order kit number K3388 or K3388-BLK-FL.

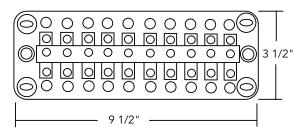
The MILBANK test switch is designed to meet the critical requirements of the electric utility industry. Not only do they meet EEI, ANSI C12.9, and UL standards but they combine several special features giving the MILBANK test switch increased safety, durability and reliability. One such feature is our 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

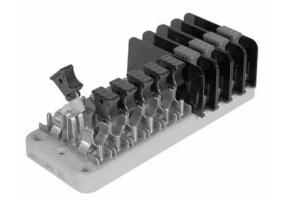




	KEY
Р	Potential Switch
C+	Line side current switch with short circuit assembly
С	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
	Line side current switch with short circuit assembly

#### 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 Number			4	-POL	E		
TS04-0101	Х	Р	Pn	Х	C+	С	Х
TS04-0104	Х	C+	С	Х	Р	Pn	Х

Catalog Number			7	-POL	E		
TS07-0105	Р	Р	Pn	C+	С	C+	С

Catalog 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 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+

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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: _		 	 

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 short circuit assembly
С	Load side current switch with test jack assembly
Ν	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
	Line side current switch with short circuit assembly

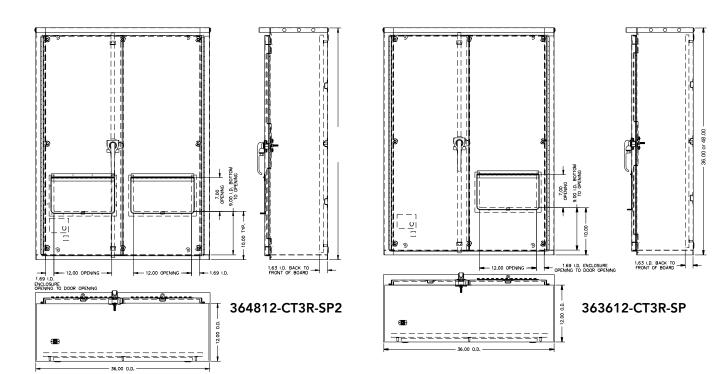
**Custom Pole Arrangements:** The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/ shunt circuit assemblies are to be bussed together. The catalog numbers shown above are connected in line-load pairs; therefore, if bussed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





## **Current Transformer 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		

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## **Current Transformer Cabinets**

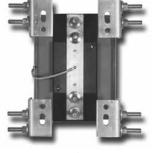


K4797



K4722





K4793/K4795

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

Catalog Number	Code	AIC Rating	Amp	Volts	Type of 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 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 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.





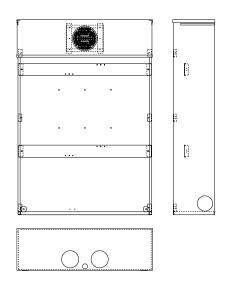


## **Metered Transformer Cabinets**

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 & (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 & (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.

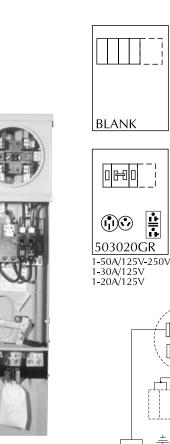


125 Amp | Mobile Home Metered | 120/240 VAC

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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

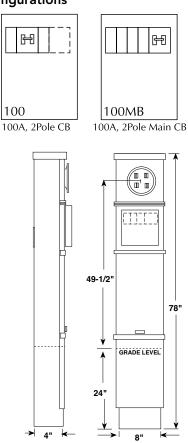
MPRV-100-MB-78

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

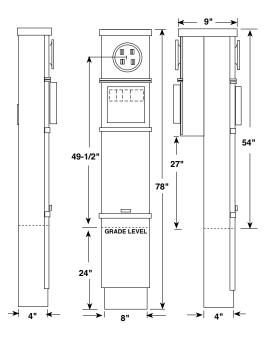
## **Specifications**

- 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.

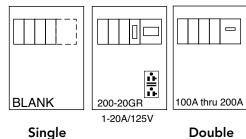


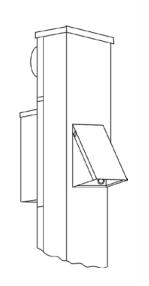


200 Amp | Mobile Home Metered | 120/240 VAC



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

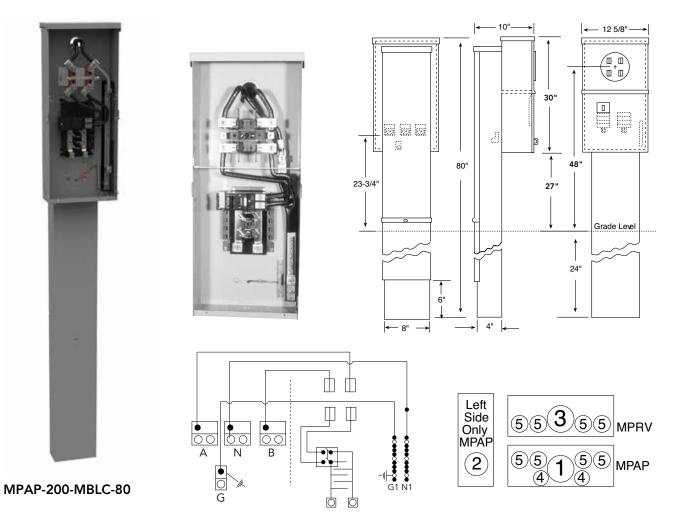
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- 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping.
- UQFP breaker provisions factory wired in parallel with branch breaker bus. Series wiring available. Specify MB after breaker rating, ex. MPAP-200-MB.
- 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**

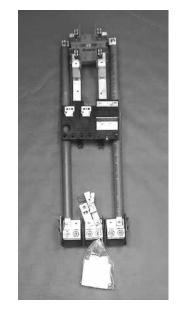
- UL listed 100/200 amp continuous duty meter socket.
- Approved for 120/240 volt single phase service.
- Twin line termination lugs #6-350 CU/AL per phase for looping. Rear termination.
- Space for (8) single, or (4) double and two single pole universal style plug-in circuit breakers.
- Series main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





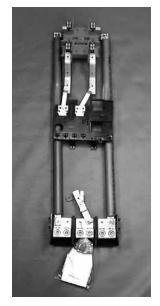




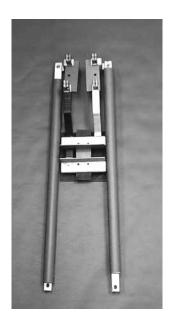
Catalog Number Z020-148-00-00-0 MPAP 200A interior rebuild kit

## **Replacement Parts**

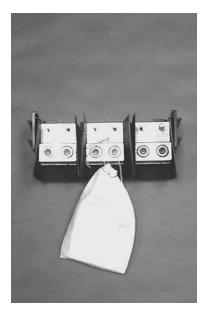
Mobile Home Rebuild Kits



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.

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.

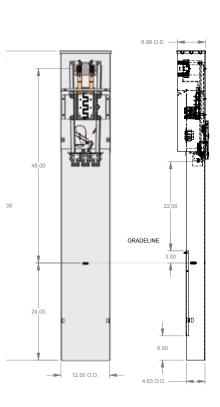




## **Mobile Home Pedestals**

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

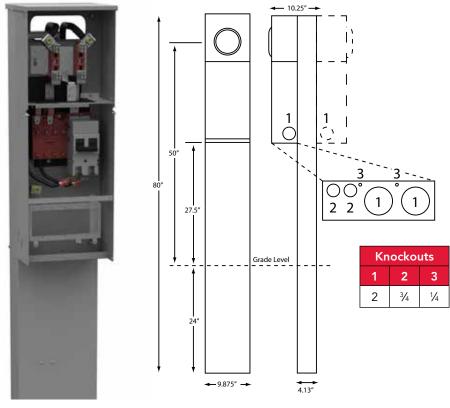
## Notes

- 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 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 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 (2) UQFPH-M series		4	16	10	80
U5243-O	Double	Pad Mount	Provision for (2) UQFPH-M series	_	4	16	10	56

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

### Accessories

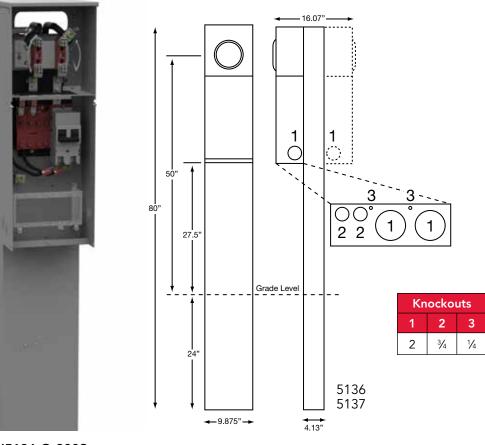
Catalog Number	Description
K5415	Stabilizer foot with hardware
K5035	Pad mount kit with hardware for U5242 & U5243
K5T	5th terminal for 208y/120V 3-wire service
K5193	Bus kit to convert series-wired main breaker to parallel
K5194	Wire kit to convert parallel-wired main breaker to series
K3450	Telephone/CATV 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.

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.



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 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 (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 UQFPH-M series	4 circuit	10¼	10	56	2	1/2,3/4	1⁄4
U5139-O	Double	Pad Mount	_	Provision for UQFPH-M series	4 circuit	161/16	10	56	2	1/2,3/4	1⁄4

#### Accessories

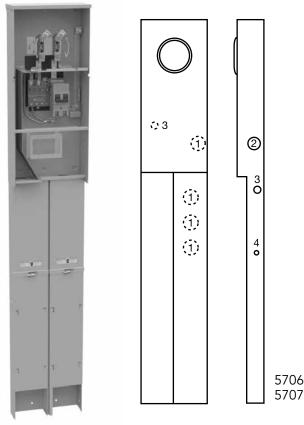
Catalog Number	Description			
K5415	Stabilizer foot with hardware			
K5035	Pad mount kit with hardware for <b>U5138</b>			
K5T	5th terminal for 208y/120V 3-wire service			
K5193	Bus kit to convert series-wired main breaker to parallel			
K5194	Wire kit to convert parallel-wired main breaker to series			
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

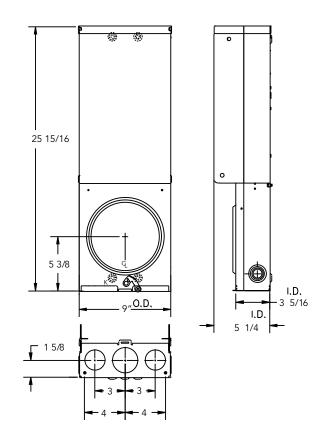


Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, 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







## **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.

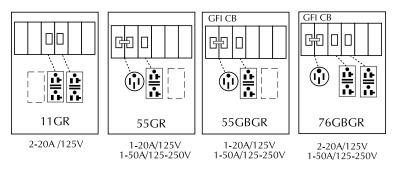
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U4908 & U4909 Underground Service Power Outlet

## 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.

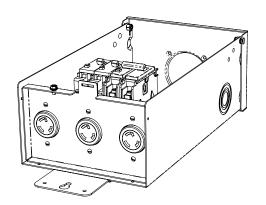
Non-stock items - minimum order quantity required.



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

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.

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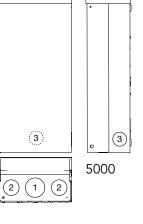




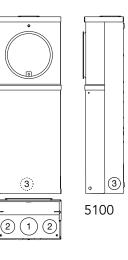
## **Surface Mount Power Outlets**

Millennium Series | 120/240 VAC





U5000-XL-75



U5100-XL-75

## 125 Amp | Surface Mount Power Outlets

Catalog	Metered/	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, (1) 5-20R GFI

### **Circuit Breaker Configurations**

Х	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

## NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

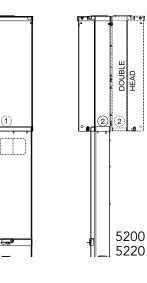


## **Power Outlet Pedestals**

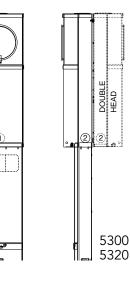
Millennium Series | 120/240 VAC











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

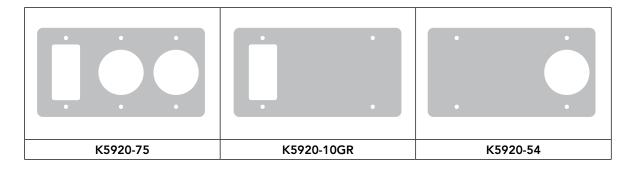
These units are typically used for submetering applications. Contact factory for additional configurations not shown here. Pad mount is available. Contact factory for information.

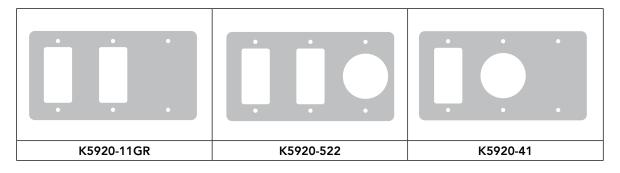


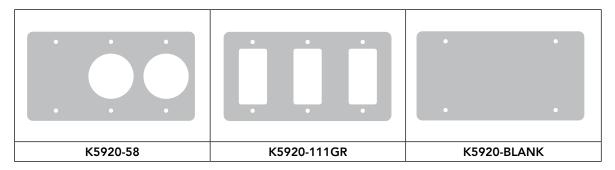


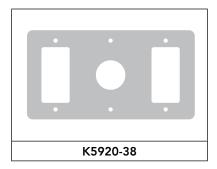
## **Replacement Receptacle Plates**

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 Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. Cover on unmetered power outlet is 191/8" in height.	
Ordering	Order with <b>-LD</b> suffix (after catalog number) for factory installed. 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 Features	Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. 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. 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 lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. Order catalog number <b>K6213</b> for field installed.	
Application	Internal light kit for metered power outlets	
Fluorescent Features	Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately. 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. 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. 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

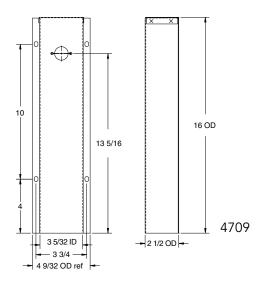


### Telephone and Cable TV Kit

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 and (1) Type F coaxial CATV jack. Dual: 16" galvenized raceway, (2) RJ11 telephone jacks		
	and (1) Type F coaxial CATV jack. 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. 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 mount base to post. Anchor bolt kit sold separately (order catalog number <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. 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, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws. See CL200 for Watt-hour meter specification.	ERENE DE LECENT
Ordering	Order catalog number <b>K4800-01 mechanical meter</b> 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. Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available. Remanufactured within 1% accuracy.	
Ordering	Order catalog number <b>CL200-D</b> .	<b>CL200-D</b> Digital

#### Single Receptacle Only Power Outlet

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

## WARNING!

Always disconnect power prior to installing these devices.

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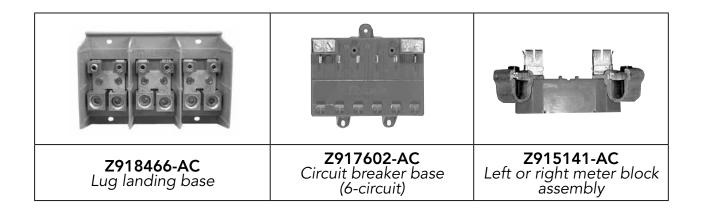


## **Replacement Parts & Accessories**

For Millennium Series Products

		30 T PPE Are T PPE A	50 50 50 50 Friedrich Strategiester 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 Part number	Metered/Unmetered Surface Mount/ Pedestal	Amp
K5400-100MBM	Metered	100
K5400-100MBU	Unmetered	100



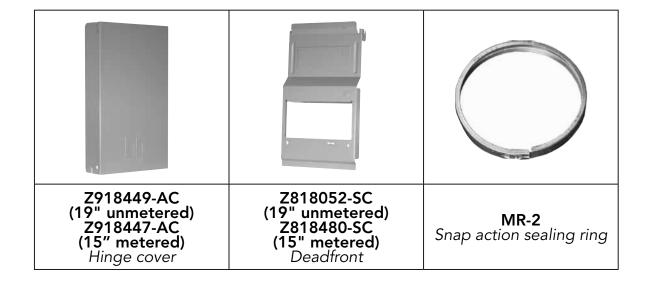


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## **Replacement Parts & Accessories**

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



# **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 (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		

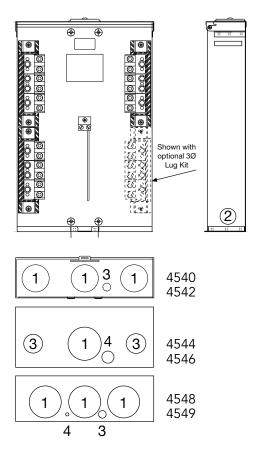


## **Recreational Vehicle**

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 (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 (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"

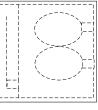
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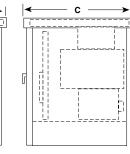
40"

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**

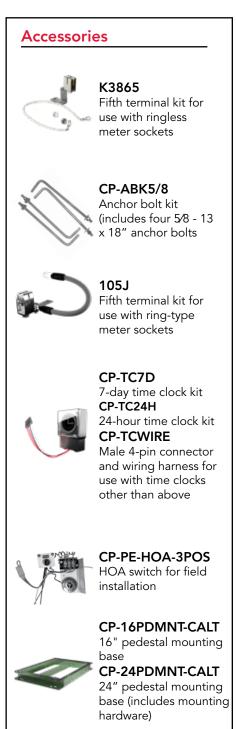
These units are ideal for controlling and metering:

- 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

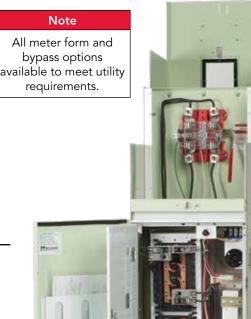
Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V

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

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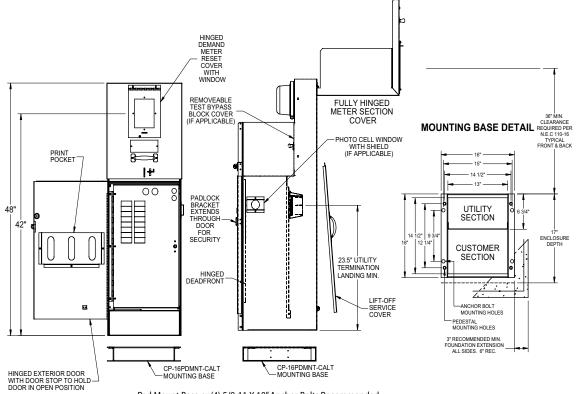


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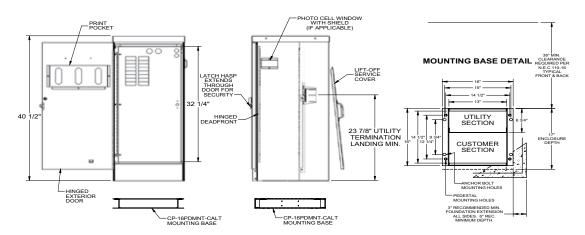
16" Metered & Unmetered Drawings

## "A" Style 16" Metered Commercial Pedestal





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



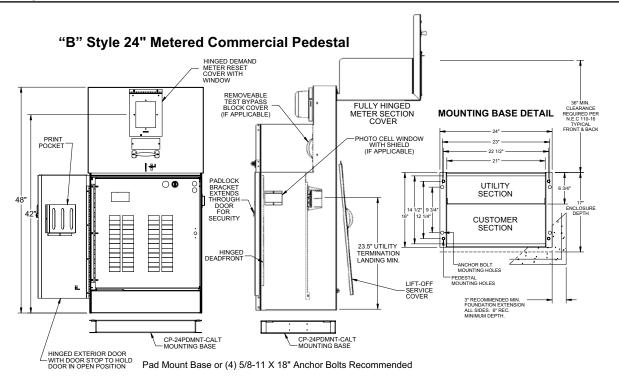
Pad Mount Base or (4) 5/8-11 X 18" Anchor Bolts Recommended



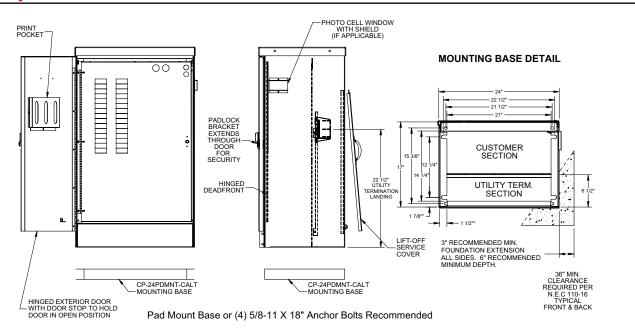
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## **Commercial Pedestals** 24" Metered & Unmetered Drawings

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



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

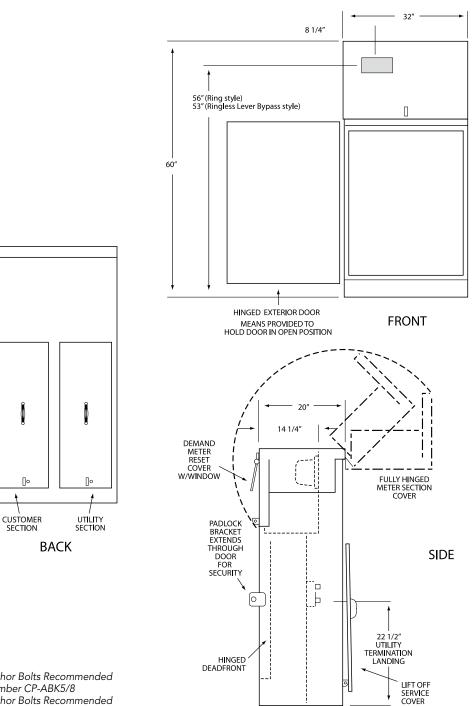






32" Metered Drawings

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



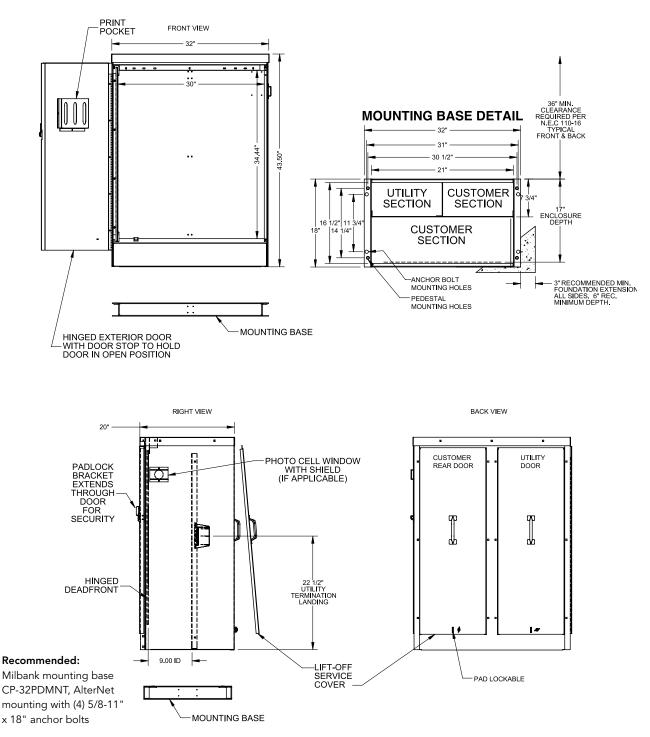
 (4) 5/8-11 X 18" Anchor Bolts Recommended Catalog Number CP-ABK5/8
 (4) 5/8-11 X 18" Anchor Bolts Recommended

U



32" Unmetered Drawings

## "Q" Style 32" Unmetered Commercial Pedestal



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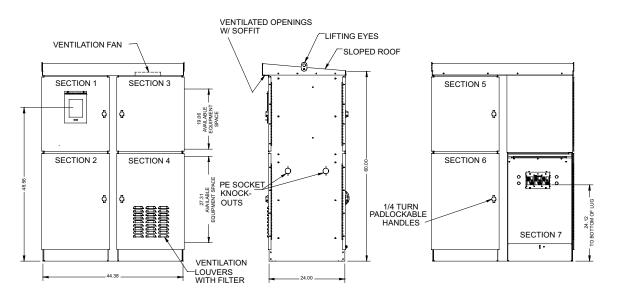


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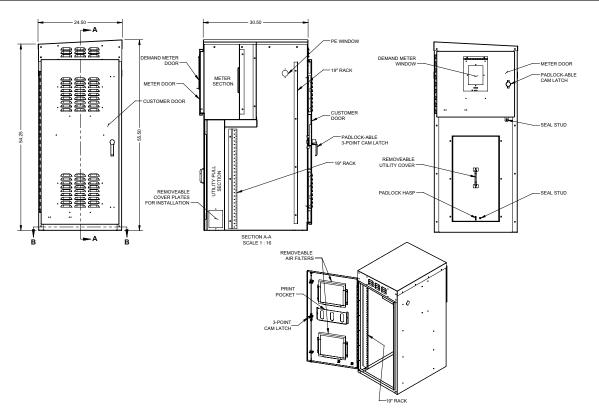


"D" and "C" Style Drawings

## "D" Style Metered Commercial Pedestal



## "C" Style 54" Metered Commercial Pedestal

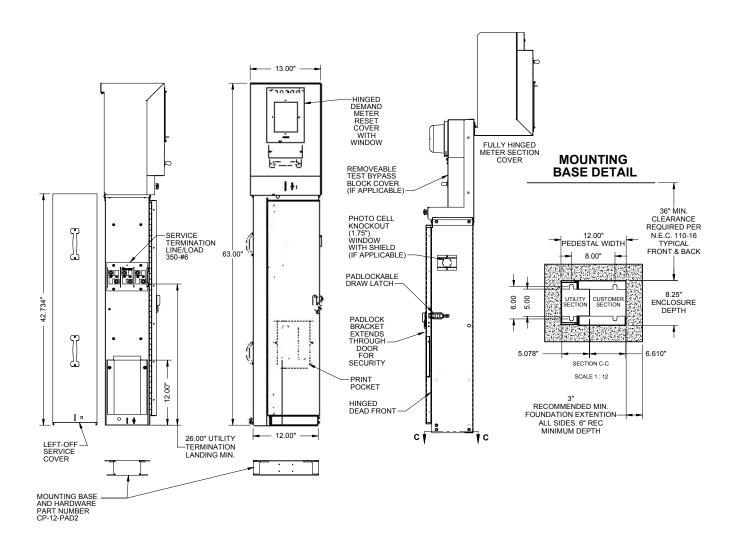




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Slimline "A" Style Drawing

## "A" Style Slimline Metered Commercial Pedestal



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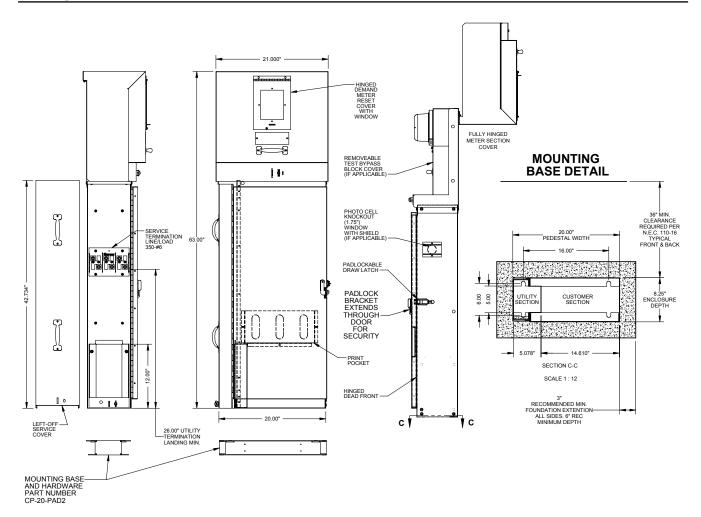


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Slimline "B" Style Drawing

## "B" Style Slimline Metered Commercial Pedestal



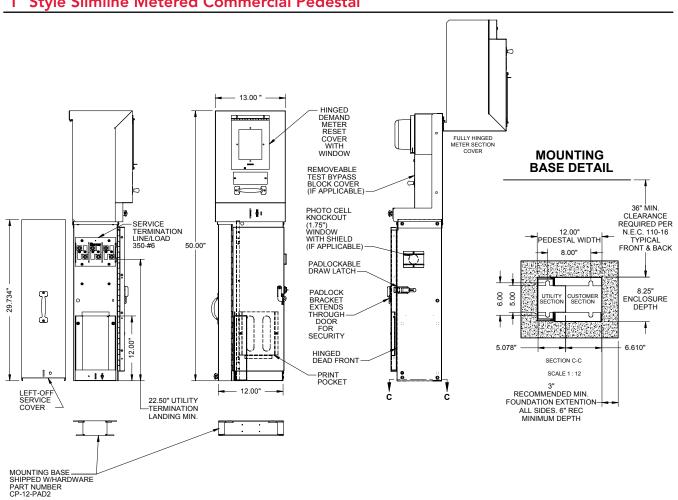
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Slimline "I" Style Drawing

## "I" Style Slimline Metered Commercial Pedestal



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.

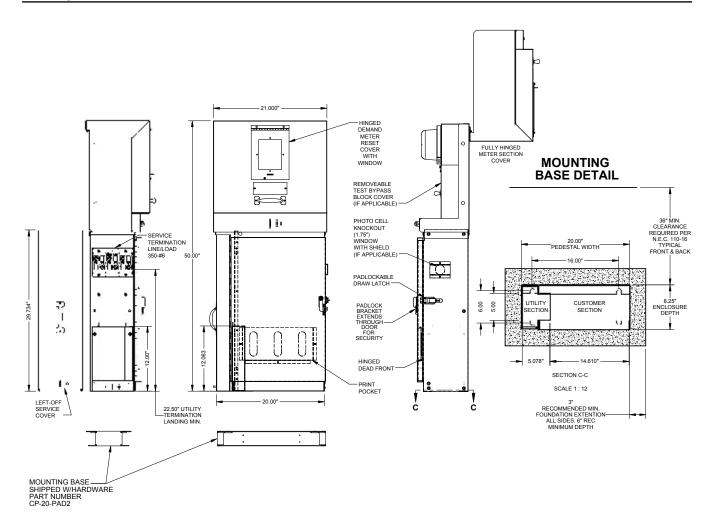


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Slimline "J" Style Drawing

## "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**

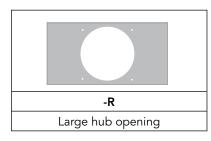
Protect components housed in enclosures from damage caused by overheating, freezing, humidity and condensation with these thermal management products.



# 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 I to small 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 rotating)	
K3L	K1540L	4-600 or (2) 1/0-250 (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**

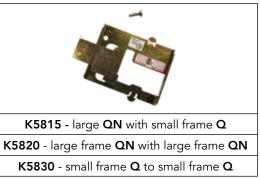


(sold in pairs, designed for temporary use only.)

#### **Closing Covers**

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

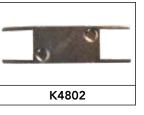
#### **Generator Interlock**



### **Disconnect Sleeve**



### Anti-Inversion Clip



#### Isolated Neutral Kit





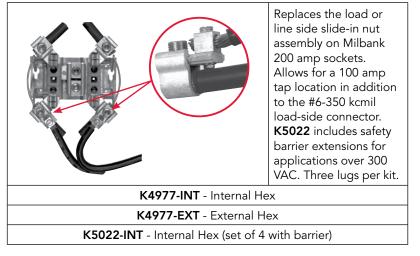
## Accessories

## 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)

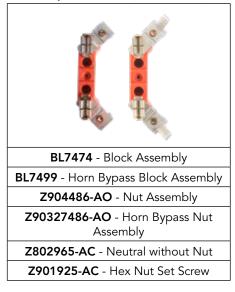


### **Triplex Ground**

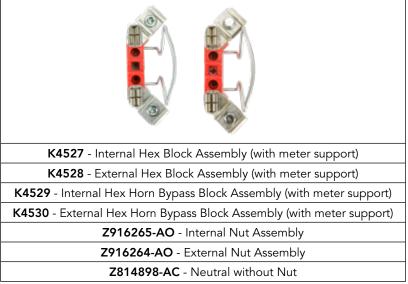


(For factory installed triplex ground, add suffix -TG to catalog number)

#### 100 Amp Blocks (single sockets only)



#### 200 Amp Blocks (single sockets only)



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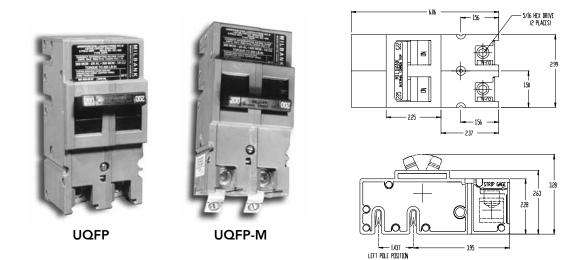


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## Accessories

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



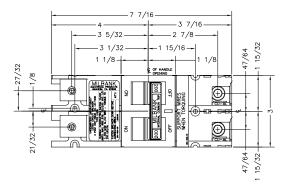
UQFB-X

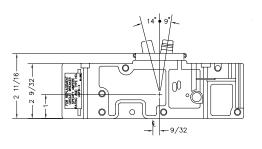


UQFB



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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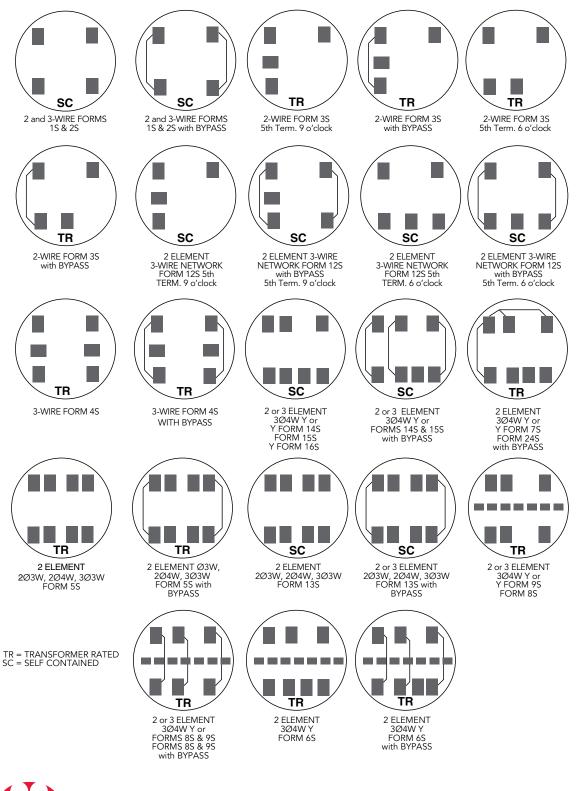


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## Watthour Meter Forms

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

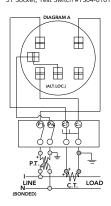
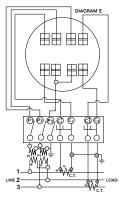


DIAGRAM E 3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105



**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

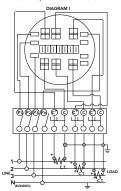


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter (2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

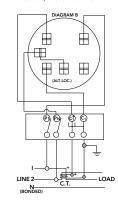


DIAGRAM F 3Ø3W "A" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

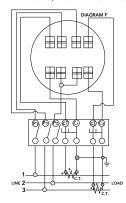


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109

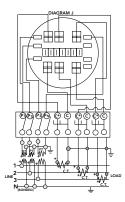


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

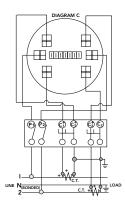


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

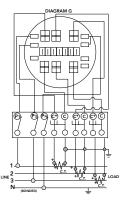


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

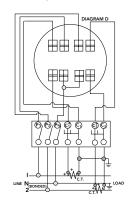
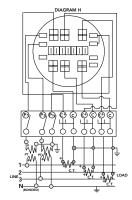


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



**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.

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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).

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U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169	RL-01 O XL-2/20 XL41 XL-55 XL-75 O-100 O-20	0. S. S. S. S. 00. 00. KK. 00. 50. 50. 50. 50. 50. 50. 50	80           77           21           26           80           80           80           72           25           25           25           25           25           25           25           25           25           25           25           25           25           25           25
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5137 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169	RL-01 O XL-2/20 XL22 XL-41 XL-55 O100 O-2	0	80           77           21           26           80           80           80           72           25           25           25           25           25           25           25           25
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169 U5200	RL-01 O X-2/20 XL41 XL-55 XL-75 O100 O-20	0	80           77           21           26           80           80           80           72           25           25           25           25           25           25           25           25
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169 U5169 U5169 U5169 U5200 U5200	RL-01 O XL-2/20 XL41 XL-41 XL-55 XL-75 O-100 O-20	0	80           77           21           26           80           80           80           72           255           255           255           255           255           255           255           255
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169 U5169 U5169 U5169 U5200 U5200	RL-01 O XL-2/20 XL41 XL-41 XL-55 XL-75 O-100 O-20	0	80           77           21           26           80           80           80           72           255           255           255           255           255           255           255           255
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5188 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5160 U5200 U5200 U5200 U5200	RL-01 O XL-2/20 XL-41 XL-55 XL-75 O-100 O-200	0. 5. 5. 5. 00. 00-KK. 00-KK. 00-KK. 50-KK.5T 50-KK.5T 50-KK.5T 50-KK.5T 50-KK.5T 50-KK.5T 50. 50. 50. 50. 50. 50. 50.	80           77           21           26           80           80           80           72           255           255           255           255           255           255           255           255           255           255           255           255           255           255           255
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169 U5200 U5200 U5200	RL-01 O XL-2/20 XL41 XL-55 XL-75 O-100 O-20	0. S. S. S. S. 00. 00-KK. 00-KK. 00-KK-ST. 00-KK-ST. 00-KK.	80         77         21         26         80         80         80         80         80         72         25         25         25         25         25         25         25         25         25         25         25         25         25         25         25         25         25         25
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5136 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5200 U5200 U5200 U5200 U5200	RL-01 O X-2/20 XL41 XL-55 O100 O-200 NTL-1 XTL-1 XTL-2 XTL-2 XL-41 XTL-41 XTL-41 XTL-41 XTL-41 XTL-41 XTL-41 XTL-41 XTL-41 O-200 O-2	0 S S S S 00KK 00-KKST 00-KKST 00-KKST 00-KKST 00-KK 00-KK 00 00-KK 00 00-KK 00 00-KK 00 00-KK 00 00-KK 00 00-KK 00 00-KK 00 00-KK.	80         77         21         80         80         80         80         72         25         25         25         25         25         25         25         25         25
U5001 U5056 U5059 U5100 U5100 U5100 U5136 U5136 U5137 U5137 U5137 U5137 U5137 U5138 U5138 U5138 U5168 U5168 U5168 U5168 U5168 U5168 U5169 U5169 U5169 U5169 U5169 U5169 U5169 U5200 U5200 U5200 U5240	RL-01 O XL-2/20 XL41 XL-41 XL-55 XL-75 O-100 O-20	0	80           77           21           26           80           80           80           72           255           255           255           255           255           255           255
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U5268-XTL-15025	
U5268-XTL-150-KK	5
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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
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U5883-X52	
U5884-X	
U5885-X	
U5886-X	2
U5902-X52	
U5903-X52	
U5904-X52	2
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U5906-X52	
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U5934-XL-BLG	1
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U5971-XL-10023	2
U5971-XL-20023	3
U6087-XL1	1
U6087-XL-INS	1
U6276-O-100	8
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U6Z/6-U-1UUIVIB 68	8
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U6276-O-100IVIB	8
U6276-O-100MB	888
U6276-O-100R	88888
U6276-O-10GR	888
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U6276-O-10GR 66 U6276-O-41 66 U6276-O-54 66 U6276-O-55 66 U6276-O-75 66 U7021-RL-TG 11 U7040-XL-TG 11 U7040-XL-TG 11 U7043-XL-TG 11 U722-RXL 11	888883338
U6276-O-10GR	8888833388
U6276-O-10GR	88888333882
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U6276-O-10GR 66 U6276-O-41 66 U6276-O-54 66 U6276-O-55 66 U6276-O-75 66 U7021-RL-TG 11 U7040-XL-TG 11 U7043-XL-TG 11 U7422-RXL 11 U7423-RXL 11 U7423-RXL 11 U7423-RXL 11 U7487-Q 11 U7487-Q 11 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 U6276-O-41 66 U6276-O-54 66 U6276-O-55 66 U6276-O-75 66 U7021-RL-TG 11 U7040-XL-TG 11 U7043-XL-TG 11 U7422-RXL 11 U7423-RXL 11 U7423-RXL 11 U7423-RXL 11 U7487-Q 11 U7487-Q 11 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
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	8888883338822228888888888
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         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9319-XL       14         U9319-XL       15	8888833388222288888888878
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         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9319-XL       14         U9319-XL       15	8888833388222288888888878
U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7490-RL       12         U7490-RL       12         U7573-RL       18         U8032-XL       44         U8035-XL       44         U8036-XL       44         U9319-XL       14         U9320-RXL       14         U9320-RXL       14         U9320-RXL       14	88888333882222888888888787
U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       12         U7422-RXL       11         U7423-RXL       12         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7490-RL       12         U7490-RL       14         U8032-XL       44         U8033-XL       44         U8034-XL       44         U8036-XL       44         U8036-XL       44         U9319-XL       11         U9319-XL       11         U9320-RXL       12         U9551-RXL       14	888883338822228888888887879
U6276-O-10GR       66         U6276-O-41       66         U6276-O-54       66         U6276-O-55       66         U6276-O-75       66         U7021-RL-TG       11         U7040-XL-TG       11         U7043-XL-TG       11         U7422-RXL       18         U7487-Q       12         U7487-RL       11         U7490-RL       12         U7490-RL       12         U8032-XL       48         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9319-XL       11         U9320-RXL       11         U9320-RXL       11         U9551-RXL       11         U9700-RRL       12         U900-RRL       14         U900-RRL       15         U900-RRL       16         U900-RRL       17	8888833388222288888888878999
U6276-O-10GR       68         U6276-O-41       66         U6276-O-54       66         U6276-O-55       66         U6276-O-75       66         U7021-RL-TG       11         U7040-XL-TG       11         U7043-XL-TG       11         U7422-RXL       18         U7423-RXL       11         U7487-Q       11         U7490-RL       12         U7490-RL       12         U7490-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U930-RL       14         U9320-RXL       17         U9320-RXL       16         U9550-RRL       17         U9701-RXL       17	8888833388222288888888789999
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       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9319-XL       11         U920-RXL       14         U9550-RRL       15         U9551-RXL       16         U9700-RRL       17         U9700-RRL       17         U9700-RRL       17         U9800-RRL       17	888883338822228888888887899999
U6276-O-10GR       66         U6276-O-41       66         U6276-O-54       66         U6276-O-55       66         U6276-O-75       66         U701-RL-TG       1         U704-XL-TG       1         U7422-RXL       16         U7423-RXL       18         U7487-O       12         U7490-RL       12         U7490-RL       12         U7490-RL       12         U8332-XL       44         U8032-XL       44         U8034-XL       44         U8035-XL       44         U9319-XL       17         U9320-RXL       18         U9550-RRL       17         U9700-RL       17         U9701-RXL       17         U9800-RRL       17	8888833388222288888888878999999
U6276-O-10GR 66 U6276-O-241 66 U6276-O-54 66 U6276-O-55 66 U6276-O-75 66 U7021-RL-TG 11 U7040-XL-TG 11 U7043-XL-TG 11 U7422-RXL 11 U7422-RXL 11 U7423-RXL 11 U7487-O 11 U7487-O 11 U7487-R 11 U7487-R 11 U7487-R 11 U7490-R 11 U7490-R 11 U7490-R 11 U7490-R 12 U7490-R 12 U930-R 12 U9300-R 12 U9701-R 12 U9701-R 12 U9701-R 12 U9800-R 1	88888333882222888888888789999994
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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         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9550-RRL       17         U9551-RXL       16         U9700-RRL       17         U9800-RRL       19         U9800-RRL       19         U9801-RXL       11         U1290-XL       54         UC1290-XL       54	888883338882222888888888789999994444
U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       11         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-RL       12         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8034-XL       44         U835-XL       44         U9319-XL       14         U9551-RXL       17         U9700-RRL       17         U9801-RXL       19         U9801-RXL       19         U7129-XL       54         UC1290-XL       54         UC1290-XL       54         UC1290-XL       54         UC1290-XL       54         UC1300-RL       54	888883338822228888888887899999944444
U6276-O-10GR       68         U6276-O-41       68         U6276-O-54       68         U6276-O-55       68         U7021-RL-TG       11         U7040-XL-TG       11         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-RL       12         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8034-XL       44         U835-XL       44         U9319-XL       14         U9551-RXL       17         U9700-RRL       17         U9801-RXL       19         U9801-RXL       19         U7129-XL       54         UC1290-XL       54         UC1290-XL       54         UC1290-XL       54         UC1290-XL       54         UC1300-RL       54	888883338822228888888887899999944444
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         U7422-RXL       18         U7423-RXL       18         U7487-RL       12         U7487-RL       12         U7490-Q       12         U7490-RL       12         U7573-RL       14         U8032-XL       44         U8033-XL       44         U8035-XL       44         U8036-XL       44         U9550-RRL       17         U9551-RXL       16         U9700-RRL       17         U9800-RRL       19         U9800-RRL       19         U9801-RXL       11         U1290-XL       54         UC1290-XL       54	88888333882222888888888789999944445

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UC3433-XL	55
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UC3436-XL	.55
UC3438-XL	55
UC7233-XL	. 54
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UC7237-XL	.54
UC7461-YL-TGE-DES	
UC7544-RL	.54
UC7545-RL	.54
UC7582-RL	5/
UC7636-YL-TGE-DES	.55
UF4015-KO	.15
UF4517-KO	15
UF4518-KO	. 15
UF4969-KO	.15
UQFB-100	119
UQFB-100-X1	117
UQFB-125	119
UQFB-125-X1	119
UQFB-150	
	110
UQFB-150-X1	
UQFB-175	119
UQFB-175-X1	119
UQFB-200	110
	117
UQFB-200-X1	119
UQFBH-100	119
UQFBH-125	119
UQFBH-150	
0QI DI - 130	117
UQFBH-175	119
UQFBH-200	119
UQFP-100	118
	110
UQFP-125	
UQFP-150	
UQFP-200	118
UQFPH-100	118
UQFPH-125	110
UQFPH-150	118
UQFPH-200	118
UQFPH-M-100	118
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UQFPH-M-150	118
UQFPH-M-200	118
UQFP-M-100	118
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UQFP-M-125	118
UQFP-M-150	
UQFP-M-200	118
USE-AP-200-MB	
	. 23
USE-AP-200-ML	
Z020-148-00-00-0	.65
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Z1050596	.,,
Ζ1050590	.00
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Z9032/486-AO	117
Z904486-AO	117
Z915141-AC	88
7014244 A	.00
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Z916265-AO	117
Z917602-AC	.88
Z918447-AC Z918449-AC Z918466-AC	.89
7918449-AC	80
7019166 ΔC	00
2710400-AC	.00









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