

**Straight Blade Plugs & Connectors for Any Application**

Arrow Hart's extensive offering of straight blade plugs and connectors cover the full range of Hospital, Industrial and Commercial Specification Grades for applications where quality and durability are critical

**Features & Benefits****Hospital Specification Grade Plugs & Connectors**

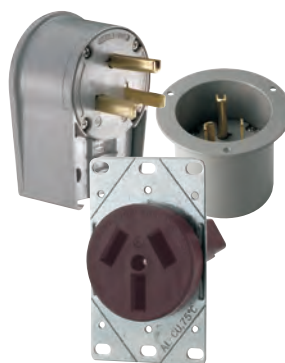
Built to meet and exceed UL Federal Specification and Hospital Grade testing, Arrow Hart's Hospital Grade Plugs and Connectors assure reliable performance in the most demanding healthcare applications.

**Industrial Specification Grade Plugs, Connectors, Flanged Inlet & Flanged Outlets**

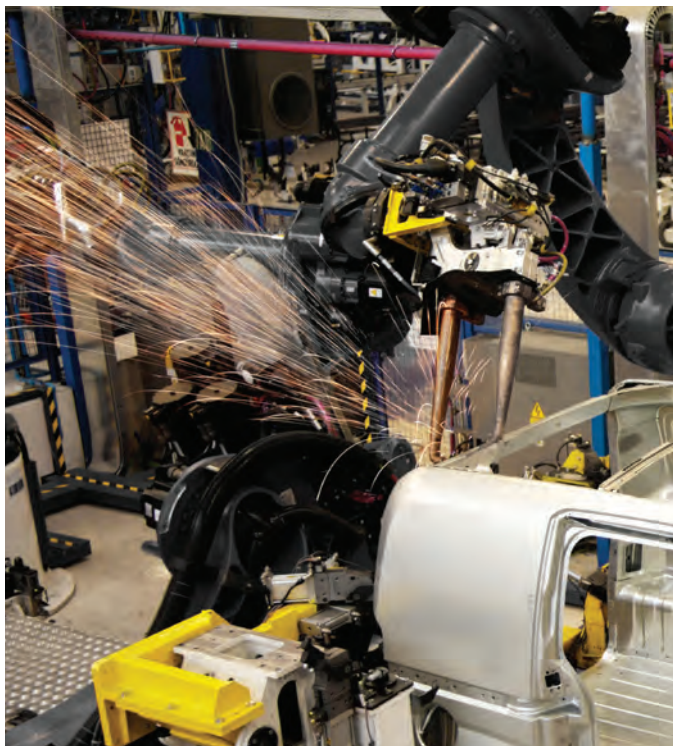
With a variety of styles including SafetyGrip, AutoGrip and QuickGrip, these devices are designed to install quickly and easily and provide reliable performance in tough industrial environments.

**Commercial Specification Grade Straight Blade Plugs & Connectors**

Designed for light commercial applications, where ease-of-use, value and quality are critical.

**Specification Grade Straight Blade Power Devices**

Heavy duty design and construction make Arrow Hart power devices ideal for any high amperage industrial or commercial power connectivity application.



**SafetyGrip Hospital and Industrial Grade Plugs & Connectors**

**1** Rugged nylon body resists impact and exposure to chemicals

**2** Neoprene gasket seals around cord for added terminal protection from external elements

**3** Dual range cord grip provides positive cord gripping while limiting strain on conductors

**4** Rating information clearly marked on face of device

**5** Wiring chamber provides generous space for wiring

**6** Textured surface allows for easy grip and handling

Back Body

Front Body



SafetyGrip Hospital Grade devices exceed Federal Spec. and Hospital Grade testing for use in demanding healthcare environments



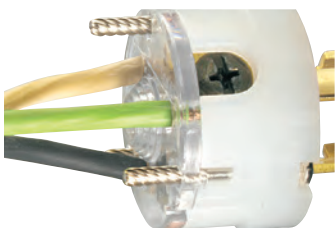
Clear terminal cover allows for easy inspection of conductors and terminations



Retained quick drive assembly screws speed installation



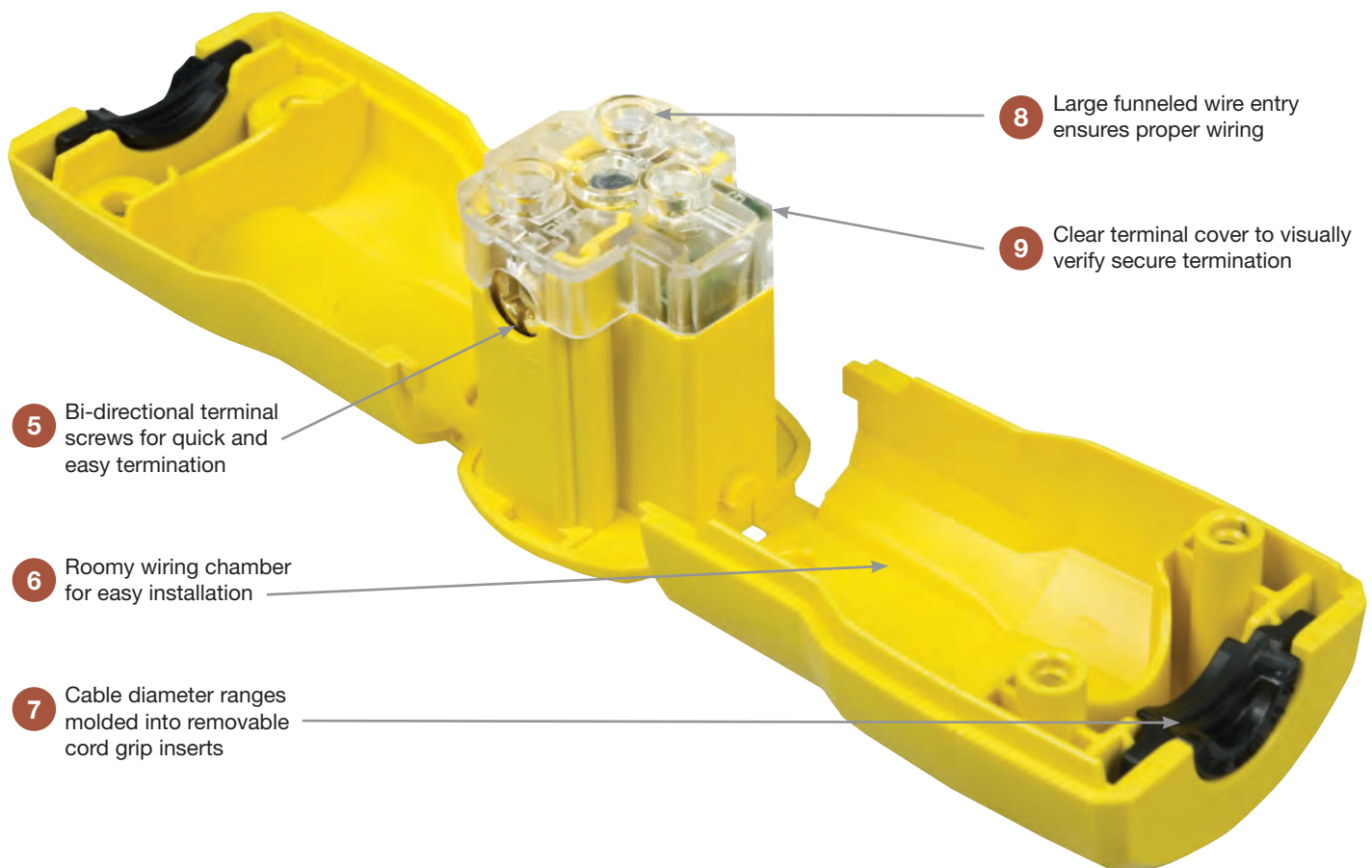
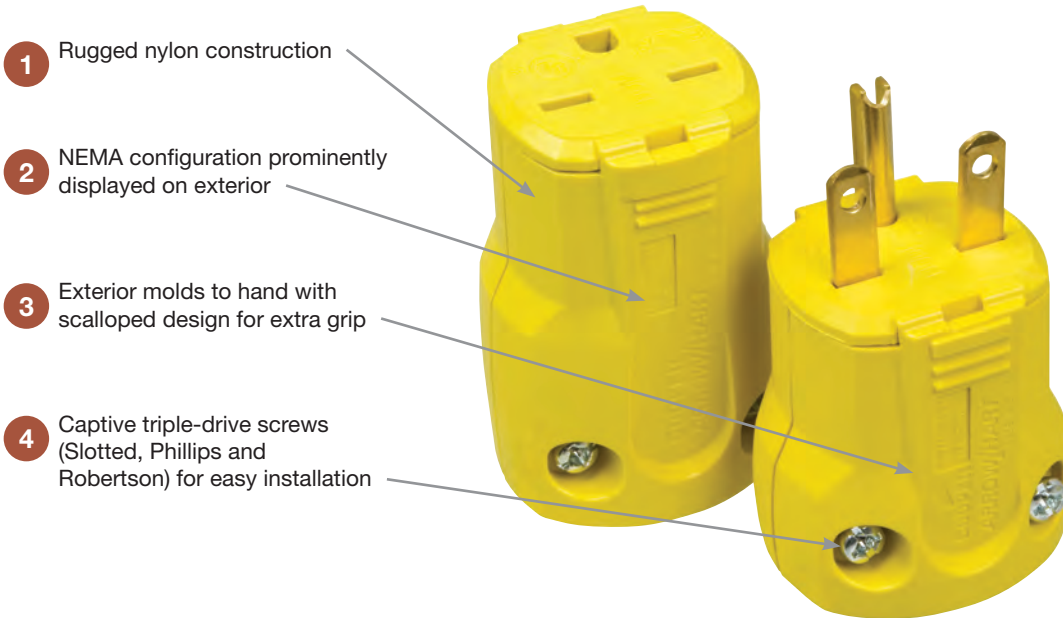
Four position angled plug option is ideal for applications requiring power cord to lay close to walls and floors



Tapered, individual wire pockets guide stranded wire into contact area for ease of installation



Multiple-head drive screws provide versatility for ease of use

**QuickGrip Hospital and Industrial Grade Plugs & Connectors**

Specifications and availability are subject to change without notice.

**AutoGrip Hospital and Industrial Grade Plugs & Connectors**

**1** Smooth, tapered body reduces snagging and provides easy handling

**2** Neoprene gasket seals around cord for added terminal protection from external elements

**3** Rugged nylon body resists impact and exposure to chemicals

**4** Single piece grounding contacts for superior continuity

**5** AutoGrip clamp design secures cord during assembly, reducing installation time

Back Body

Front Body



AutoGrip Hospital Grade devices exceed Federal Spec. and Hospital Grade testing for use in demanding healthcare environments



Unique clamp design secures cord during assembly, reducing installation time



Retained quick drive assembly screws speed installation



Multiple-head drive screws provide versatility for ease of use



Tapered, individual wire pockets guide stranded wire into contact area for ease of installation

Specifications and availability are subject to change without notice.

**Industrial Grade  
Straight Blade Devices**

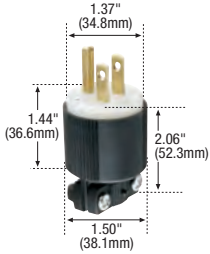
2-Pole, 3-Wire Grounding  
15A, 125V/AC  
NEMA 5-15



5-15P



5-15R



6266



AH5969BK



5278C



5278

**Industrial Grade Plugs & Connectors**



| Rating<br>A | V/AC | NEMA | Description              | Cord<br>Diameter           | Color  | Plug<br>Catalog No. | Connector<br>Catalog No. |   |
|-------------|------|------|--------------------------|----------------------------|--------|---------------------|--------------------------|---|
| 15          | 125  | 5-15 | SafetyGrip Straight Body | 0.33-0.66"<br>(8.3-16.7mm) | BK & W | □ 6266              | □ 6269                   | • |
|             |      |      | SafetyGrip Straight Body | 0.33-0.66"<br>(8.3-16.7mm) | BK     | □ 6266BLK           | □ 6269BLK                | • |
|             |      |      | SafetyGrip Angled Body   | 0.33-0.66"<br>(8.3-16.7mm) | BK & W | □ 6265              | —                        | • |
|             |      |      | QuickGrip Straight Body  | 0.22-0.66"<br>(5.6-16.7mm) | BK     | □ AH5965BK          | □ AH5969BK               |   |
|             |      |      | QuickGrip Straight Body  | 0.22-0.66"<br>(5.6-16.7mm) | Y      | □ AH5965Y           | □ AH5969Y                |   |
|             |      |      | AutoGrip Straight Body   | 0.33-0.66"<br>(8.3-16.7mm) | BK & W | □ 5266N             | □ 5269N                  | • |

**Industrial Grade Flanged Inlets & Outlets**



| Rating<br>A | V/AC | NEMA | Description                   | Color  | Plug<br>Catalog No. | Connector<br>Catalog No. |   |
|-------------|------|------|-------------------------------|--------|---------------------|--------------------------|---|
| 15          | 125  | 5-15 | Nylon Construction, Back Wire | BK & W | □ 5278C†            | □ 5279C*                 | • |
|             |      |      | Metal Shell, Back Wire        | Steel  | □ 5278              | —                        | • |
|             |      |      | Metal Shell, Back Wire        | Steel  | —                   | □ 5246*                  |   |

\* UL Listed Only, † Fed Spec Certified

**Industrial Grade Dimensional  
Information: B-14-B-15**

**Specification Information:**  
SafetyGrip Industrial Plugs & Connectors: B-22  
QuickGrip Plugs & Connectors: B-22  
AutoGrip Industrial Plugs & Connectors: B-22  
Industrial Flanged Inlets & Flanged Outlets: B-23

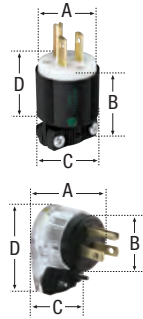
**Color Information:**

BK (Black), C (Clear), RN (Orange), W (White), Y (Yellow)



Specifications and availability are subject to change without notice.

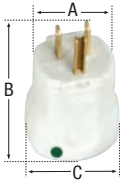
Indicates NAFTA Compliant - Page R-30

**SafetyGrip Plugs**

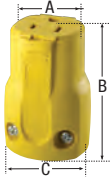
| Family                                    | A              | B              | C              | D              | Cord Diameter            |
|---|----------------|----------------|----------------|----------------|--------------------------|
| Hospital Grade                            | 1.37" (34.8mm) | 2.06" (52.3mm) | 1.50" (38.1mm) | 1.44" (36.6mm) | 0.33-0.66" (8.3-16.7mm)  |
| Hospital Grade Angled                     | 1.46" (37.1mm) | 1.50" (38.1mm) | 1.28" (32.5mm) | 2.06" (52.3mm) | 0.33-0.66" (8.3-16.7mm)  |
| Industrial Grade                          | 1.37" (34.8mm) | 2.06" (52.3mm) | 1.50" (38.1mm) | 1.44" (36.6mm) | 0.33-0.66" (8.3-16.7mm)  |
| Industrial Grade Angled                   | 1.28" (32.5mm) | 1.46" (37.1mm) | 1.50" (38.1mm) | 2.06" (52.3mm) | 0.33-0.66" (8.3-16.7mm)  |
| Industrial Grade NEMA 7-20, 10-20 & 18-20 | 1.78" (45.2mm) | 2.34" (59.4mm) | 2.13" (54.1mm) | –              | 0.38"-1.00" (9.6-25.4mm) |

**SafetyGrip Connectors**

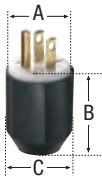
| Family           | A              | B              | C              | D              | Cord Diameter           |
|------------------|----------------|----------------|----------------|----------------|-------------------------|
| Hospital Grade   | 1.37" (34.8mm) | 2.77" (70.4mm) | 1.50" (38.1mm) | 0.87" (22.1mm) | 0.33-0.66" (8.3-16.7mm) |
| Industrial Grade | 1.37" (34.8mm) | 2.77" (70.4mm) | 1.50" (38.1mm) | 0.87" (22.1mm) | 0.33-0.66" (8.3-16.7mm) |

**QuickGrip Plugs**

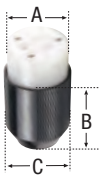
| Family           | A              | B              | C              | Cord Diameter           |
|------------------|----------------|----------------|----------------|-------------------------|
| Hospital Grade   | 1.47" (37.3mm) | 2.77" (70.4mm) | 1.67" (42.4mm) | 0.22-0.66" (5.6-16.7mm) |
| Industrial Grade | 1.47" (37.3mm) | 2.77" (70.4mm) | 1.67" (42.4mm) | 0.22-0.66" (5.6-16.7mm) |

**QuickGrip Connectors**

| Family           | A              | B              | C              | Cord Diameter           |
|------------------|----------------|----------------|----------------|-------------------------|
| Industrial Grade | 1.46" (37.1mm) | 2.59" (65.8mm) | 1.67" (42.4mm) | 0.22-0.66" (5.6-16.7mm) |

**AutoGrip Plugs**

| Family           | A              | B              | C              | Cord Diameter           |
|------------------|----------------|----------------|----------------|-------------------------|
| Hospital Grade   | 1.38" (34.9mm) | 1.83" (46.5mm) | 1.52" (38.6mm) | 0.33-0.66" (8.3-16.7mm) |
| Industrial Grade | 1.37" (34.8mm) | 1.83" (46.5mm) | 1.51" (38.4mm) | 0.33-0.66" (8.3-16.7mm) |

**AutoGrip Connectors**

| Family           | A              | B              | C              | Cord Diameter           |
|------------------|----------------|----------------|----------------|-------------------------|
| Hospital Grade   | 1.38" (34.9mm) | 1.83" (46.5mm) | 1.52" (38.6mm) | 0.33-0.66" (8.3-16.7mm) |
| Industrial Grade | 1.37" (34.8mm) | 1.83" (46.5mm) | 1.51" (38.4mm) | 0.33-0.66" (8.3-16.7mm) |

Specifications and availability are subject to change without notice.

**Nylon Shell Flanged Inlets**

| Family           | A              | B              | C              |
|------------------|----------------|----------------|----------------|
| Industrial Grade | 2.56" (65.0mm) | 1.84" (46.7mm) | 1.71" (43.4mm) |



**Nylon Shell Flanged Outlets**

| Family           | A              | B              | C              |
|------------------|----------------|----------------|----------------|
| Industrial Grade | 2.56" (65.0mm) | 1.84" (46.7mm) | 1.71" (43.4mm) |



**Metal Shell Flanged Inlets**

| Family           | A              | B              | C              |
|------------------|----------------|----------------|----------------|
| Industrial Grade | 2.00" (50.8mm) | 1.43" (36.3mm) | 1.62" (41.1mm) |



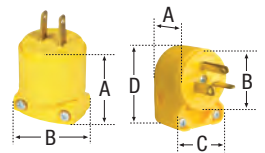
**Metal Shell Flanged Outlets**

| Family           | A              | B              | C              |
|------------------|----------------|----------------|----------------|
| Industrial Grade | 2.06" (52.3mm) | 1.50" (38.1mm) | 1.09" (27.7mm) |



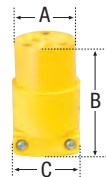
**Commercial Plugs**

| Family                  | A              | B              | C              | D              | Cord Diameter           |
|-------------------------|----------------|----------------|----------------|----------------|-------------------------|
| Commercial Grade        | 1.65" (41.9mm) | 1.54" (39.1mm) | -              | -              | 0.25-0.66" (6.4-16.6mm) |
| Commercial Grade Angled | 1.25" (31.8mm) | 1.42" (36.1mm) | 1.50" (38.1mm) | 1.95" (49.5mm) | 0.25-0.66" (6.4-16.6mm) |



**Commercial Connectors**

| Family           | A              | B              | C              | Cord Diameter           |
|------------------|----------------|----------------|----------------|-------------------------|
| Commercial Grade | 1.35" (34.3mm) | 2.61" (66.3mm) | 1.54" (39.1mm) | 0.25-0.66" (6.4-16.6mm) |



Specifications and availability are subject to change without notice.

### Industrial Grade Plugs & Connectors

2-Pole, 3-Wire Grounding  
3-Pole, 3-Wire Non-Grounding  
4-Pole, 4-Wire Non-Grounding

| Device Type                          | Industrial Grade SafetyGrip Plugs & Connectors, Straight Blade  | Industrial Grade AutoGrip Plugs & Connectors, Straight Blade   | Industrial Grade QuickGrip Plugs & Connectors, Straight Blade  |  |
|--------------------------------------|---|--|--|--|
| <b>Wiring Type</b>                   | Back Wire   | Back Wire  | Back Wire  |  |
| <b>Testing &amp; Code Compliance</b> | <ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E3663</li> <li>Complies with Federal Spec. WC-596F</li> <li>CSA certified to C22.2, no. 42-99 file no. 7087 (6221-02)</li> <li>7251N: NOM certified</li> </ul> | <ul style="list-style-type: none"> <li>Listed to UL498, file no. E3663</li> <li>UL verified to Fed Spec WC-596F except cat. no. 5266AN</li> <li>CSA certified to C22.2, no. 42-99 file no. 2081 (6221-02)</li> </ul> | <ul style="list-style-type: none"> <li>cULus Listed to UL498, file no. E15012</li> <li>UL verified to Federal Spec. WC-596G</li> </ul> |  |
|                                      | <b>Flammability</b>   | Meets UL94 requirements, V2 rated  | Meets UL94 requirements, V2 rated  | Meets UL94 requirements, V2 rated  |
|                                      | <b>Temperature Rating</b>   | -40°C to 75°C (-40°F to 167°F)   | -40°C to 75°C (-40°F to 167°F)   | -40°C to 75°C (-40°F to 167°F)   |
|                                      | <b>Dielectric Voltage</b>   | Twice the device rating + 1000V per UL498  | Twice the device rating + 1000V per UL498  | Twice the device rating + 1000V per UL498                                  |
| <b>Specifications: Electrical</b>    | <b>Current Interrupting</b>   | Yes, at full-rated current   | Yes, at full-rated current   | Yes, at full-rated current   |
|                                      | <b>Temperature Rise</b>   | Max. 30°C (86°F) after 200 cycles of overload @ 200% of rated current (DC)   | Max. 30°C (86°F) after 50 cycles of overload @ 150% of rated current (DC)  | Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC) |
| <b>Specifications: Mechanical</b>    | <b>Terminal Accommodation</b>   | #16 - #12 AWG, except 7624N, 9151N, 7251N: #18 - #10 AWG   | #18 - #12 AWG  | #18 - #12 AWG  |
|                                      | <b>Voltage Ratings</b>  | Permanently marked on device   | Permanently marked on device   | Permanently marked on device   |
| <b>Materials:</b>                    | <b>Plug/Connector Outer Shell</b>   | Nylon  | Nylon  | Nylon  |
|                                      | <b>Interior Body</b>  | Nylon  | Nylon  | N/A  |
|                                      | <b>Terminal Retainer</b>  | Polycarbonate  | Polycarbonate  | Polycarbonate  |
|                                      | <b>Blades</b>   | 0.065" thick brass   | 0.065" thick brass   | 0.060" thick brass   |
|                                      | <b>Line Contacts</b>  | 0.031" thick brass   | 0.031" thick brass   | 0.030" thick brass   |
|                                      | <b>Terminal Clamps</b>  | Steel, zinc plated   | Steel, zinc plated   | Steel, zinc plated   |
|                                      | <b>Terminal Screws</b>  | #8-32 brass, nickel plated   | #8-32 brass, nickel plated   | Steel, brass plated (hot) and zinc plated (neutral)                        |
|                                      | <b>Ground Contact</b>   | 0.041" thick brass   | 0.041" thick bronze  | Brass  |
|                                      | <b>Ground Screw</b>   | #8-32 brass, zinc plated, green  | #8-32 brass, green   | Steel, zinc plated, green  |
|                                      | <b>Assembly/ Mounting Screws</b>  | Steel, zinc plated   | Steel, zinc plated   | Steel, zinc plated   |
|                                      | <b>Cord Clamp</b>   | Nylon  | Polypropylene  | Nylon  |
|                                      | <b>Cord Clamp Screws</b>  | Steel, zinc plated   | N/A  | N/A  |
|                                      | <b>Gasket/Dust Shield</b>   | Neoprene   | Neoprene   | N/A  |

Specifications and availability are subject to change without notice.



**Industrial Grade Flanged Inlets & Flanged Outlets**

2-Pole, 3-Wire Grounding  
 15A, 125V/AC; 15A, 250V/AC; 20A, 125V/AC; 20A, 250V/AC  
 NEMA 5-15, 6-15, 5-20, 6-20

| Device Type                          | Industrial Grade Flanged Inlets, Straight Blade       | Industrial Grade Flanged Outlets, Straight Blade                                |
|--------------------------------------|---|---|
| <b>Wiring Type</b>                   | Side Wire   | Side Wire   |
| <b>Testing &amp; Code Compliance</b> | • Listed to UL498, file no. E3663                     | • Listed to UL498, file no. E2369   |
|                                      | • cUL Listed to CSA C22.2, no. 42-M1999               | • CSA certified to C22.2, no. 42-99 & 182.3-M1987 file no. 7087 (6233-01)       |
|                                      | • 5278C, 5678C: also NOM certified                    |   |
| <b>Specifications: Environmental</b> | <b>Flammability</b>                                   | Meets UL94 requirements, V2 rated   |
|                                      | <b>Temperature Rating</b>                             | -40°C to 105°C (-40°F to 221°F)   |
| <b>Specifications: Electrical</b>    | <b>Dielectric Voltage</b>                             | Twice the device rating + 1000V per UL498                                       |
|                                      | <b>Current Interrupting</b>                           | Yes, at full-rated current  |
|                                      | <b>Temperature Rise</b>                               | Max. 30°C (86°F) after 100 cycles of overload @ 150% of rated current (DC)      |
| <b>Specifications: Mechanical</b>    | <b>Terminal Accommodation</b>                         | #14 AWG   |
|                                      | <b>Voltage Ratings</b>                                | Permanently marked on device  |
| <b>Materials:</b>                    | <b>Outer Shell</b>                                    | Nylon, except 5278C: steel  |
|                                      | <b>Interior Body</b>                                  | Lexan, except 5278C: urea   |
|                                      | <b>Terminal Retainer</b>                              | Lexan, except 5278C: urea   |
|                                      | <b>Blades</b>   | 0.062" thick brass, except 5278C: 0.040"  |
|                                      | <b>Line Contacts</b>                                  | 0.062" thick brass  |
|                                      | <b>Terminal Clamps</b>                                | Brass   |
|                                      | <b>Terminal Screws</b>                                | #8-32 steel, brass plated (hot) or nickel plated (neutral), except 5278C: #6-32 |
|                                      | <b>Ground Screw</b>                                   | #8-32 brass, zinc plated, green, except 5278C: #6-40                            |
| <b>Assembly Screws/Rivets</b>        | Steel screws, except 5278C: steel rivets, zinc plated |   |

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