New Jersey
PSE&G, Jersey Central Power & Light Territory
Meter Mounting Equipment
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 more than 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 and troughs. 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 based on various NEMA ratings Milbank offers.

**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 enclosed controls 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.

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Catalog Number Logic
How our product catalog numbers are derived

**U2448-X-QG-5T9-K3-BLG-ARE**

- **U**: UL listed
- **S**: Non-UL listed
- **UAP**: UL, aluminum, painted

- **TG**: Triplex ground
- **QG**: Quadplex ground

- **Fifth terminal designation**
  - **5T6**: Installed at 6:00
  - **5T9**: Installed at 9:00

- **BLG**: Barrel lock / guard provision

**Hub Openings & Closing Plates**

- **-O**: Blank top
- **-RL**: Small hub opening
- **-R**: Large hub opening
- **-XL**: Small closing plate
- **-XT**: (2) Large closing plates
- **-XTL**: (2) Small closing plates
- **-X**: Large closing plate
- **-RXL**: Large hub opening adapted to small closing plate
- **-RRL**: Large hub opening adapted to small hub opening
- **-PXL**: Closing plate packed inside
- **-WL**: 1” hub
- **-YL**: 1¼” hub
- **-ZL**: 1½” hub
- **-DL**: 2” hub
- **-EL**: 2½” hub
- **-F**: 3” hub
- **-G**: 3½” hub
- **-H**: 4” hub

**U7040-RL-TG-KK-5T9-BL-AUT**

- **U**: UL listed
- **S**: Non-UL listed
- **UAP**: UL, aluminum, painted

- **TG**: Triplex ground
- **QG**: Quadplex ground

- **Fifth terminal designation**
  - **5T6**: Installed at 6:00
  - **5T9**: Installed at 9:00

- **KK**: Horn bypass
- **BL**: Barrel lock

**Utility specific designation**

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Air Conditioner Disconnects
30-60 Amps | Fusible & Non-Fusible

Milbank’s air conditioner disconnect has a removable hinged cover that makes wiring a breeze. 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 G90 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.

### 30–60 Amps | Air Conditioner Disconnects | 1Ø, 240 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Amps</th>
<th>Type</th>
<th>Max H.P.</th>
<th>Weight (lbs.)</th>
<th>Line/Load Wire Range</th>
<th>Ground Wire Range CU/AL</th>
<th>Wire Rating</th>
<th>Dimensions</th>
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</thead>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>CU</td>
<td>AL</td>
<td>CU °C</td>
<td>AL °C</td>
</tr>
<tr>
<td>U3802</td>
<td>60</td>
<td>Non-Fusible</td>
<td>10</td>
<td>3.25</td>
<td>#14-#2</td>
<td>#12-#2</td>
<td>60°/75°</td>
<td>60°/75°</td>
</tr>
<tr>
<td>U3812</td>
<td>60</td>
<td>Non-Auto</td>
<td>10</td>
<td>3.25</td>
<td>#14-#2</td>
<td>#12-#2</td>
<td>60°/75°</td>
<td>60°/75°</td>
</tr>
<tr>
<td>U3832</td>
<td>30</td>
<td>Fusible</td>
<td>3</td>
<td>2.5</td>
<td>#14-#3</td>
<td>#14-#3</td>
<td>60°/75°</td>
<td>60°/75°</td>
</tr>
<tr>
<td>U3862</td>
<td>60</td>
<td>Fusible</td>
<td>10</td>
<td>3.3</td>
<td>#14-#3</td>
<td>#14-#3</td>
<td>60°/75°</td>
<td>60°/75°</td>
</tr>
</tbody>
</table>

### Notes
- UL listed as Enclosed Pullout Switch
- NEMA 3R weather-resistant enclosure
- 1-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.
# Air Conditioner Disconnects

## 60 Amps GFCI Receptacle

### Specifications

- Meets NEC #210.63 requirements
- Meets NEC #406.8 requirements
- UL listed as Power Outlet
- NEMA 3R enclosure
- In-use cover*
- Duplex ground connector
- 1-inch concentric knockouts
- 1Ø, 240 VAC
- 60 Amps, non-fused
- 20 Amps GFCI receptacle
- Reset/test button
- Weather and tamper resistant

### U3822-20GWR

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Type</th>
<th>Max H.P.</th>
<th>Weight (lbs.)</th>
<th>Line/Load Wire Range</th>
<th>Ground Wire Range CU/AL</th>
<th>Wire Rating</th>
<th>Dimensions</th>
</tr>
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<tbody>
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<td>U3822-20GWR</td>
<td>Non-Fusible</td>
<td>10</td>
<td>6</td>
<td>#14-#2</td>
<td>#14-4</td>
<td></td>
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</tbody>
</table>

### Notes

- **Disconnect Pullers:** To ensure the safest conditions, Milbank disconnect pullers 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.
- *Cover is rated as an in-use cover (may be closed with cords plugged into receptacle).
Hot Tub Disconnects  
NEMA 3R Enclosures

Specifications

- 240 VAC ground fault protection
- UL listed, NEMA 3R weather resistant
- 2-pole, 50 Amps GFCI breaker protection
- Compact size
- Three or four wire installation

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

100 Amps | Hot Tub Disconnect or Sub Panel Breaker Enclosure

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Breaker Amps</th>
<th>Type</th>
<th>Weight (lbs.)</th>
<th>Line/Load Wire Range</th>
<th>Ground Wire Range</th>
<th>Dimensions</th>
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<tr>
<td>U4881-O</td>
<td>—</td>
<td>Breaker Provision</td>
<td>7</td>
<td>#14-1/0</td>
<td>#14-1/0</td>
<td>3¾ 7⅞ 8⅜</td>
</tr>
<tr>
<td>U4881-O-50GB</td>
<td>50</td>
<td>Breaker</td>
<td>8</td>
<td>#14-1/0</td>
<td>#14-1/0</td>
<td>3¾ 7⅞ 8⅜</td>
</tr>
<tr>
<td>U4881-O-60GB</td>
<td>60</td>
<td>Breaker</td>
<td>8</td>
<td>#14-1/0</td>
<td>#14-1/0</td>
<td>3¾ 7⅞ 8⅜</td>
</tr>
</tbody>
</table>

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Single Position Sockets
125 Amps | 4 & 5 Terminals | Ringless | 600 VAC

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125 Amps | Horn Bypass | Overhead | 600 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Terminals</th>
<th>Utility Approval</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Line</td>
<td>Load</td>
<td>D&quot;</td>
</tr>
<tr>
<td>U7487-YL-TG-KK-BLG</td>
<td>4</td>
<td>JCP&amp;L</td>
<td>1(\frac{3}{4})</td>
<td>#6-2/0</td>
<td>#6-2/0</td>
<td>3(\frac{3}{16})</td>
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<tr>
<td>U7487-RL-TG-KK-BLG</td>
<td>4</td>
<td>JCP&amp;L H.O.</td>
<td>1(\frac{3}{4})</td>
<td>#6-2/0</td>
<td>#6-2/0</td>
<td>3(\frac{3}{16})</td>
</tr>
<tr>
<td>U8569-YL-KK-BLG</td>
<td>5</td>
<td>PSE&amp;G</td>
<td>1(\frac{3}{4})</td>
<td>#6-2/0</td>
<td>#6-2/0</td>
<td>3(\frac{3}{16})</td>
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</tbody>
</table>

Notes

• Connectors: Extruded aluminum connectors are tin plated. Units are supplied with duplex neutral and ground.
• Fifth Terminal: For field-installable fifth terminal for the U7487, order catalog number 5T8K2.
Single Position Sockets
200 Amps | 4 & 5 Terminals | Ringless | 600 VAC

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200 Amps | 4 Terminals | Horn Bypass

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
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<tr>
<td>U7021-DL-TG-KK-BLG</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>2*</td>
<td>#6-350</td>
<td>4(%) 8 15(%) 2(%) 1/2 1/4</td>
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200 Amps | 5 Terminals | Horn Bypass

<table>
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<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
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</thead>
<tbody>
<tr>
<td>U8173-XL-KK-BLG</td>
<td>PSE&amp;G</td>
<td>OH/UG</td>
<td>C.P.</td>
<td>#6-350</td>
<td>4(%) 11 15(%) 2(%) 1/4 1/4</td>
<td>—</td>
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200 Amps | 4 Terminals | Side Wireway | Horn Bypass

<table>
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<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>U3126-O-KK-BLG</td>
<td>JCP&amp;L</td>
<td>UG</td>
<td>Blank</td>
<td>#6-350</td>
<td>#6-350</td>
<td>4(%) 13 15(%) 3</td>
</tr>
<tr>
<td>U4413-O-KK-BLG</td>
<td>JCP&amp;L</td>
<td>UG</td>
<td>Blank</td>
<td>#6-350</td>
<td>#6-350</td>
<td>4(%) 13 15(%) 3</td>
</tr>
</tbody>
</table>

Notes

- **Hubs**: For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors**: Extruded aluminum connectors are tin plated. Units are supplied with duplex neutral.
- **Bypass**: Comes factory installed with horn type bypass.
- **Fifth Terminal**: For field-installable fifth terminal for the U7021, U3126 and U4413, order catalog number KST.
Single Position Sockets

200 Amps | 5 & 7 Terminals | Lever Bypass | Ringless | 600 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
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<tr>
<td></td>
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<td>D&quot; W&quot; H&quot;</td>
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<tr>
<td>U9551-R-ST9</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>H.O.</td>
<td>#6-350</td>
<td>4½ 10 18½  3 2½ ½ ¼</td>
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<tr>
<td>U3924-XL*</td>
<td>JCP&amp;L</td>
<td>UG</td>
<td>C.P.</td>
<td>#6-350</td>
<td>4½ 14 20½  3 2½ ½ —</td>
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200 Amps | 7 Terminals | Heavy Duty Lever Bypass | Jaw Clamping | Ringless | 3Ø4W | 600 VAC

<table>
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<th>Catalog Number</th>
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<td>U9700-RRL-BLG</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>H.O.</td>
<td>#6-350</td>
<td>4½ 10 18½  3 2½ ¼ ¼</td>
<td></td>
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<tr>
<td>U4701-XL-BLG</td>
<td>PSE&amp;G</td>
<td>OH/UG</td>
<td>C.P.</td>
<td>#6-350</td>
<td>4½ 13 19   3 2½ ¼ ¼</td>
<td></td>
</tr>
<tr>
<td>U4184-O</td>
<td>JCP&amp;L</td>
<td>Blank</td>
<td>Blank</td>
<td>#6-350</td>
<td>4½ 13 19   4 — 4 ½</td>
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</table>

Notes

• Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
• Connectors: Unit supplied with tin-plated aluminum connectors.
• Bypass: Lever supplies clamping action on meter spades and also operates bypass device on the U9551, U4701 and the U9700.
• Medium Duty Bypass: On the U3786 units, the lever operates sliding bypass only and is NOT jaw clamping.

*The U3924 requires a K3865 fifth terminal for approval.
Lever Bypass Single Position Sockets
320 Amps | 4, 5 & 7 Terminals | Ringless | 600 VAC

320 Amps | 5 Terminals | Lever Bypass | Ringless | 600 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Term</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
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<td>Line</td>
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<td>U4367-XPF-BLG</td>
<td>PSE&amp;G OH</td>
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<td>C.P.</td>
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<td>3/8”-16 Studs</td>
<td>3/8”-16 Studs</td>
<td>43/2” 13</td>
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320 Amps | 4 Terminals | Lever Bypass | Ringless | 600 VAC

<table>
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<th>Catalog Number</th>
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<th>Knockouts</th>
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<td>JCP&amp;L OH</td>
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<td>-</td>
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<td>3/8”-16 Studs</td>
<td>13 3 384 2 1/2 1/4 1/8</td>
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<td>U4912-X-K3-BLG</td>
<td>JCP&amp;L UG</td>
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<td>C.P.</td>
<td></td>
<td>#4-600</td>
<td>3/8”-16 Studs</td>
<td>5 16 30 4 4 1 —</td>
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</table>

320 Amps | 7 Terminals | Side Wireway | Lever Bypass | Ringless | 600 VAC

<table>
<thead>
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<th>Catalog Number</th>
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<th>Service</th>
<th>Term</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
<th>Dimensions</th>
<th>Knockouts</th>
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<td>Load</td>
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<tr>
<td>U4168-X-K7-BLG</td>
<td>JCP&amp;L OH/UG</td>
<td>7</td>
<td>C.P.</td>
<td></td>
<td>#4-600</td>
<td>3/8”-16 Studs</td>
<td>6 19 34% 4 3 1/2</td>
</tr>
</tbody>
</table>

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Stud type units supplied with 3/8”-16 hex head nuts with Belleville washers. For connector kits (4 & 5 terminal sockets), order as extra: K1539 (single 350 kcmil) or K1540 (single 600 kcmil). For twin lug connectors order as extra: K1350 (twin 350 kcmil). For 3Ø U4168, order as extra K3082 (single 350 kcmil), K3442 (twin 350 kcmil) or K3441 (single 500 kcmil).
- **Fifth Terminal:** For field-installable fifth terminal for the U4912 and U1779, order K3865.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.

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100-200 Amps | 4 Terminals | Ringless | 1Ø | 600 VAC

100 Amps | 4 Terminals | Horn Bypass | Ringless | 1Ø3W | 600 VAC

<table>
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<th>Catalog Number</th>
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<th>Service</th>
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<th>Connectors CU/AL</th>
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<td>U7375-RL-KK</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>H.O.</td>
<td>#6-2/0</td>
<td>C.B.</td>
<td>3 4/4 22 1 1/4 7/8</td>
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</table>

200 Amps | 4 Terminals | Horn Bypass | Ringless | 1Ø3W | 600 VAC

<table>
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<th>Catalog Number</th>
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<th>Service</th>
<th>Hub</th>
<th>Connectors CU/AL</th>
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<td>OH</td>
<td>H.O.</td>
<td>#6-350</td>
<td>1/0-300</td>
<td>4 4/4 29 2 1/2 — —</td>
</tr>
<tr>
<td>U3798-O-200-KK</td>
<td>JCP&amp;L</td>
<td>UG</td>
<td>Blank</td>
<td>#6-350</td>
<td>1/0-300</td>
<td>4 4/4 25 3 2 1/2 7/8 1/8</td>
</tr>
</tbody>
</table>

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Breakers:** Factory installed in the 200 Amps units.
- **Bypass:** Comes factory installed with horn type bypass.
- **Fifth Terminal:** Add 5T8K2 as fifth terminal kit for U7375, and add K5T for U3798 and U7607.

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# Meter Mains with Load Center

## 100-200 Amps | 4 Terminals | Ringless | 120/240 VAC

**U5168-XTL-100-KK-BLG**

### 100-200 Amps | 4 Terminals | Horn Bypass | Ringless

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Service</th>
<th>Amps</th>
<th>Bypass</th>
<th>Hub</th>
<th>Connectors</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>U5168-XTL-100-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>100</td>
<td>Horn</td>
<td>C.P.</td>
<td>#6-350 kcmil</td>
<td>CB</td>
<td>4½</td>
</tr>
<tr>
<td>U5168-XTL-200-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>OH</td>
<td>200</td>
<td>Horn</td>
<td>C.P.</td>
<td>#6-350 kcmil</td>
<td>CB</td>
<td>4½</td>
</tr>
<tr>
<td>U5898-O-200-KK-BLG†</td>
<td>JCP&amp;L</td>
<td>UG</td>
<td>200</td>
<td>Horn</td>
<td>Blank</td>
<td>#6-350 kcmil</td>
<td>CB</td>
<td>4½</td>
</tr>
</tbody>
</table>

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Interior:** 5168 units have eight circuit interior.
- **Fifth Terminal:** Order K5T and field install for 208Y/120 network systems. Installs in the 9 o’clock position only.
- **Breakers:** Rated 22K AIC with Milbank QN2200RH 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.
- **Sub-Feed Lugs:** #6-350 kcmil sub-feed lugs provided on eight circuit interior. **Not available on 20 circuit interior.**

*Barrel lock with guard provision (suffix -BLG).

†The U5898 has side bus feed.

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### Multi-Position Sockets

**100 Amps | 4 & 5 Terminals | Horizontal Gangs | Ringless | 300 VAC**

**U8032-XL-KK-BLG**

100 Amps | 4 Terminals | Center Wireway | Horn Bypass | Ringless | OH/UG | 1Ø3W

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>No. of Positions</th>
<th>Hub</th>
<th>Connectors</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Line</td>
<td>W&quot;</td>
<td>H&quot;</td>
</tr>
<tr>
<td>U8032-XL-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>2</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U8033-XL-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>3</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U8034-XL-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>4</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U8035-XL-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>5</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U8036-XL-KK-BLG*</td>
<td>JCP&amp;L</td>
<td>6</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
</tbody>
</table>

100 Amps | 5 Terminals | Center Wireway | Horn Bypass | Ringless | OH/UG | 1Ø3W

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>No. of Positions</th>
<th>Hub</th>
<th>Connectors</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Line</td>
<td>W&quot;</td>
<td>H&quot;</td>
</tr>
<tr>
<td>U1282-XL-KK-BLG*</td>
<td>PSE&amp;G</td>
<td>2</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U1283-XL-KK-BLG*</td>
<td>PSE&amp;G</td>
<td>3</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
<tr>
<td>U1284-XL-KK-BLG*</td>
<td>PSE&amp;G</td>
<td>4</td>
<td>C.P.</td>
<td>6-350 kcmil</td>
<td>#6-2/0</td>
<td>4½</td>
</tr>
</tbody>
</table>

**Notes**

- **Hubs**: For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal**: For U8032-U8036 equipment only: field-installable fifth terminal, order catalog number 5T8K2 for each meter position, six o’clock position only.
- **Connectors**: Extruded aluminum connectors are tin plated.
- **Bussing**: Bussing is ⅛" × 1" aluminum.
- **Bypass**: Units provided with horn type bypass (suffix -KK).
- **Additional positions**: U8032 and U8033 require approval from utility for 5-6 gang socket.
- **Barrel lock with guard provision (suffix -BLG).**
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 Sockets
200 Amps | 4 Terminals | Horizontal Gangs | Ringless | OH/UG | 1Ø3W

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>No. of Positions</th>
<th>Hub</th>
<th>Connectors</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Line</td>
</tr>
<tr>
<td>U1252-X-KK-K3-BLG*</td>
<td>JCP&amp;L</td>
<td>2</td>
<td>C.P.</td>
<td>#4-600 kcmil or (2) 1/0-250 kcmil</td>
<td>5½  26½  14</td>
</tr>
<tr>
<td>U1253-X-KK-K3-BLG*</td>
<td>JCP&amp;L</td>
<td>3</td>
<td>C.P.</td>
<td>#4-600 kcmil or (2) 1/0-250 kcmil</td>
<td>5½  34½  14</td>
</tr>
<tr>
<td>U1254-X-KK-K3-BLG*</td>
<td>JCP&amp;L</td>
<td>4</td>
<td>C.P.</td>
<td>#4-600 kcmil or (2) 1/0-250 kcmil</td>
<td>5½  42½  16</td>
</tr>
<tr>
<td>U1255-X-KK-K3-BLG*</td>
<td>JCP&amp;L</td>
<td>5</td>
<td>C.P.</td>
<td>#4-600 kcmil or (2) 1/0-250 kcmil</td>
<td>5½  54½  16</td>
</tr>
<tr>
<td>U1256-X-KK-K3-BLG*</td>
<td>JCP&amp;L</td>
<td>6</td>
<td>C.P.</td>
<td>#4-600 kcmil or (2) 1/0-250 kcmil</td>
<td>5½  63½  16</td>
</tr>
</tbody>
</table>

Notes

- **Hub:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **KST** for each meter position, 9 o’clock position only.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Bypass:** Units provided with horn type bypass (suffix -KK).
- **Bussing:** Bussing is ⅞” x 1” aluminum on the **U1252-1253**. On the **U1254-U1256** gangs, the bussing is ¾” x 1” aluminum.
- **Additional positions:** **U1252** and **U1253** additional positions requires utility approval.
  *Barrel lock with guard provision (suffix -BLG).*
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.
800 Amps | Transformer Cabinet | 3Ø4W | 600 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Gauge of Steel</th>
<th>Dimensions</th>
<th>CT Mounting Provision</th>
</tr>
</thead>
<tbody>
<tr>
<td>U5990-O</td>
<td>JCP&amp;L</td>
<td>12</td>
<td>10 36 36</td>
<td>CT mounting rack included</td>
</tr>
</tbody>
</table>

Notes

- **SCCR**: Has an SCCR rating of 50K.
- **Enclosure**: NEMA 3R weather-resistant, vandal-resistant cabinet of polyurethane powder-coated steel.
- **Padlocking Provision**: Handle three-point latch with padlock provision.
- **Phase**: Each phase has a three-position connector for #4-600 single conductor or 1/0-250 for two conductors.

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Transformer Cabinet
800 Amps | PSE&G Approved

800 Amps | Transformer Cabinet | 3Ø4W | 600 VAC

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Utility Approval</th>
<th>Gauge of Steel</th>
<th>Dimensions</th>
<th>CT Mounting Provision</th>
</tr>
</thead>
<tbody>
<tr>
<td>U6224-O</td>
<td>PSE&amp;G</td>
<td>14</td>
<td>10 x 36½ x 27</td>
<td>Included</td>
</tr>
</tbody>
</table>

Notes

- **Enclosure**: NEMA 3R weather-resistant, vandal-resistant cabinet of polyurethane powder-coated steel.
- **Cover**: Cabinet has a lift-off screw cover.
- **Connectors**: The K6326 kit comes with six twin-position connectors for up to 600 kcmil.

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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.

### Meter Mains w/ Load Center Pedestal

100–200 Amps | 4 Terminals | Ringless | 120/240 VAC

---

#### Catalog Number

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Powerheads</th>
<th>Amps</th>
<th>Main Breaker</th>
<th>Interior</th>
<th>Dimensions</th>
<th>Knockouts</th>
</tr>
</thead>
<tbody>
<tr>
<td>U5136-O-100S</td>
<td>Single</td>
<td>100</td>
<td>UQFP-M-100 (Series)</td>
<td>4 circuit</td>
<td>10 3/4 x 10 x 80</td>
<td>2</td>
</tr>
<tr>
<td>U5136-O-200S</td>
<td>Single</td>
<td>200</td>
<td>UQFP-M-200 (Series)</td>
<td>4 circuit</td>
<td>10 3/4 x 10 x 80</td>
<td>2</td>
</tr>
<tr>
<td>U5137-O-100S</td>
<td>Double</td>
<td>100</td>
<td>(2) UQFP-M-100 (Series)</td>
<td>4 circuit</td>
<td>16 3/4 x 10 x 80</td>
<td>2</td>
</tr>
<tr>
<td>U5137-O-200S</td>
<td>Double</td>
<td>200</td>
<td>(2) UQFP-M-200 (Series)</td>
<td>4 circuit</td>
<td>16 3/4 x 10 x 80</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Notes

- **Fifth Terminal:** For field-installable fifth terminal, order K5T.
- **Stabilizer Foot:** For field-installable stabilizer foot, order K5415.
- **Penta Bolt Locking:** For field-installable pedestal fronts with penta bolt locking, order K5039.
- **Receptacles:** Consult factory for installed receptacle assemblies.
- **Pad-mount Units:** Pad-mount pedestals are available. Order U5138 (single meter) or U5139 (double meter) prefix. K5035 pad-mount kit required. Order separately.
Enclosed Controls
Attractive | Easy to Install | Secure | Cost-Effective

**Milbank Enclosed Controls** are pad-mounted, weather-resistant electrical enclosures consisting of a utility pull section with optional meter socket, and a customer section containing distribution and control equipment. 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.

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

**Standard Features**

- NEMA 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 (UL508A)
- Isolated lockable and 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
- 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)

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Applications

These units are ideal for controlling and metering:
- Traffic signals
- Street lighting
- Power distribution for electronic vehicle charging stations
- Communication equipment such as cell towers and telephone vaults
- Event 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 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panelboards
- Clocks, timers and relays
- Photoelectric cells and controls
- Various power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: lighting, definite purpose, motor starters
- Surge protection and lightning arresters
- Generator inlets with interlocked breakers
- 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

Options

- 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 Amps, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø
Enclosed Controls
Main Load Center Commercial Pedestals

Main Load Center Commercial Pedestal
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.
• Standard units are equipped with with a 16 circuit load center in the 100 Amps or 24 circuit load center in 200 Amps models.
• Sub-feed lugs 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:
• Expandable: load centers allow for future expansion without costly modifications.
• All units feature a 200 Amps meter socket with optional field-installable fifth terminal kit available.
• 22K Amps 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 Amps model) or 14 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.

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.
Enclosed Controls
Switched Load Center Commercial Pedestals

Switched Load Center Commercial Pedestals
1Ø3 wire 120/240V or 208Y/120V
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:
• Expandable: load centers allow for future expansion without costly modifications.
• All units feature a 200 Amps meter socket with optional field-installable fifth terminal kit available.
• 22K Amps 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, contactor 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 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.

Traffic Signals
Parking Lots
Highways
Athletic Field Lighting

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.
Enclosed Controls
400 Amps Commercial Pedestals

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 curbside or other remote area. The pedestal can also provide power to a secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.

Features

These units include everything required for remote service:

- 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
- 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

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Surface-Mount Enclosed Control

Originally developed for small cellular communications, the surface-mount enclosed control offers the flexibility of larger enclosed controls products with a smaller footprint and several mounting options.

Features

- Easy installation
- Overhead and underground entry and exit, all in one unit
- Meter and components in one enclosure
- UL508A & UL891
  - Custom component configurations
  - UL listing covers all internal components
- Can be mounted on multiple surfaces
  - Walls
  - Poles – narrow profile will have minimal extension past sides
  - H Frames (Strut)
- Multiple bypass options available
- Monitoring options available
- Can be powder coated in any Milbank standard EC color or custom color.

Benefits

- Does not take up sidewalk space
- Flood resistant
- Eliminates need for connecting components:
  - Wire in - Wire Out

Applications

Communications
Power
Distribution

Lighting
Control

Streetscape
Power
Distribution

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.
Enclosed Controls
Battery Backup Commercial Pedestals

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 backup power pedestal is designed to handle the vast majority of today's backup power requirements. By using a 19" rack design, shelves can be adjusted to accommodate the required batteries and manufacturers' DC to AC inverters, transfer switches and other related equipment. This design gives the user a wide range of 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
• Works with 100 through 320 Amps meter sockets 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

Note
• May require customization based on regional requirements.

Options

- Manual bypass switch
- Transfer switch for generator power backup
- Generator inlet receptacles 30 Amps through 200 Amps
- 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
- GFCI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arresters and lighting arresters

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Enclosed Controls
Power Transfer Commercial Pedestals

Providing metered or unmetered AC power, distribution, surge suppression, mechanical interlock and standby generator receptacle — all in a neat, compact pedestal.

Features
• 120/240 VAC 1Ø3W through 277/480V 3Ø4W ratings
• Metered or unmetered units
• Choice of EUSERC ring type or ringless meter sockets
• 60 Amps through 400 Amps ratings
• Pad-lockable, isolated utility compartments
• 20 Amps GFCI 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

Note
• May require customization based on regional requirements.
Enclosed Controls
Instrument Rated Commercial Pedestals

Designed to be used where a smaller service package would be a better choice over larger switchgear equipment, these pedestals have amperage ratings of 400 to 800 Amps at voltages up through 480V three phase.

Features
- Up to 800 Amps
- 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

Note
- May require customization based on regional requirements
Enclosed Controls
Slimline Commercial Pedestals

Provides a sleeker, smaller footprint, with wireway access on the side of the unit rather than the back, allowing maximum flexibility to place the pedestal anywhere physical space is at premium.

Providing unmetered AC power, distribution, surge suppression, mechanical interlock and standby generator receptacle — all in a neat, compact pedestal.

Features

- 100 or 200 Amps
- 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 as close as 14” to walls or structures
- Available in 12” and 20” widths and 50” and 63” (metered) and 43” (unmetered) heights
- Includes a print pocket for plans and drawings
- Voltage range: 120V–480V
- 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 or Aluminum; raw, annodized or powder coated, as well as stainless steel exterior options

Note

- May require customization based on regional requirements.

Direct bury pedestals offer many advantages. With no need to coordinate, buy or wait for concrete, installation time can be cut down to less than an hour. Traditional direct bury pedestals are awkward to transport and handle and can only be used in a direct bury application. Milbank’s modular design offers flexibility and convenience for distributors and contractors alike.

*Only available for 12” pedestals. Constructed with 14 gauge steel.
## Circuit Breakers

**UQFP Plug-In Series & UQFB Bolt-On Series**

### 200 Amps Frame | Plug-In | 10K AIC & 22K AIC | 2-Pole - Common Trip

<table>
<thead>
<tr>
<th>Amps</th>
<th>10K AIC Plug-In</th>
<th>22K AIC Plug-In</th>
<th>10K AIC Plug-In</th>
<th>22K AIC Plug-In</th>
<th>Wire Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>UQFP-100</td>
<td>UQFPH-100</td>
<td>UQFP-M-100</td>
<td>UQFPH-M-100</td>
<td>#3-#1</td>
</tr>
<tr>
<td>125</td>
<td>UQFP-125</td>
<td>UQFPH-125</td>
<td>UQFP-M-125</td>
<td>UQFPH-M-125</td>
<td>#3-#1</td>
</tr>
<tr>
<td>150</td>
<td>UQFP-150</td>
<td>UQFPH-150</td>
<td>UQFP-M-150</td>
<td>UQFPH-M-150</td>
<td>1/0-300</td>
</tr>
<tr>
<td>175</td>
<td>UQFP-175</td>
<td>UQFPH-175</td>
<td>UQFP-M-175</td>
<td>UQFPH-M-175</td>
<td>1/0-300</td>
</tr>
<tr>
<td>200</td>
<td>UQFP-200</td>
<td>UQFPH-200</td>
<td>UQFP-M-200</td>
<td>UQFPH-M-200</td>
<td>1/0-300</td>
</tr>
</tbody>
</table>

### 200 Amps Frame | Bolt-On | 10K AIC & 22KAIC | 2-Pole - Common Trip

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>UQFB-100</td>
<td>UQFBH-100</td>
<td>UQFB-100-X1</td>
<td>UQFBH-M-100</td>
<td>#3-#1</td>
</tr>
<tr>
<td>125</td>
<td>UQFB-125</td>
<td>UQFBH-125</td>
<td>UQFB-125-X1</td>
<td>UQFBH-M-125</td>
<td>#3-#1</td>
</tr>
<tr>
<td>150</td>
<td>UQFB-150</td>
<td>UQFBH-150</td>
<td>UQFB-150-X1</td>
<td>UQFBH-M-150</td>
<td>1/0-300</td>
</tr>
<tr>
<td>175</td>
<td>UQFB-175</td>
<td>UQFBH-175</td>
<td>UQFB-175-X1</td>
<td>UQFBH-M-175</td>
<td>1/0-300</td>
</tr>
<tr>
<td>200</td>
<td>UQFB-200</td>
<td>UQFBH-200</td>
<td>UQFB-200-X1</td>
<td>UQFBQH-M-200</td>
<td>1/0-300</td>
</tr>
</tbody>
</table>

### Notes

- **UL Listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications. Split load tab features allow for feed-through capability.
- **UQFB:** (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).
- **UQFB3:** 3-pole available. Consult factory.
- **UQFB-X:** (2) 1/0-300 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.

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### Accessories

#### Hubs and Closing Plates

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Number</th>
<th>Hub Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-WL</td>
<td>A7514</td>
<td>1&quot; hub</td>
<td>1&quot; hub</td>
</tr>
<tr>
<td>-YL</td>
<td>A7515</td>
<td>1¼&quot; hub</td>
<td>1¼&quot; hub</td>
</tr>
<tr>
<td>-ZL</td>
<td>A7516</td>
<td>1½&quot; hub</td>
<td>1½&quot; hub</td>
</tr>
<tr>
<td>-DL</td>
<td>A7517</td>
<td>2&quot; hub</td>
<td>2&quot; hub</td>
</tr>
<tr>
<td>-EL</td>
<td>A7518</td>
<td>2¼&quot; hub</td>
<td>2¼&quot; hub</td>
</tr>
<tr>
<td>-XL</td>
<td>A7551</td>
<td></td>
<td>Small closing plate</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Number</th>
<th>Hub Size</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>-F</td>
<td>A8110</td>
<td>3&quot; hub</td>
<td>3&quot; hub</td>
</tr>
<tr>
<td>-G</td>
<td>A8111</td>
<td>3½&quot; hub</td>
<td>3½&quot; hub</td>
</tr>
<tr>
<td>H</td>
<td>A8112</td>
<td>4&quot; hub</td>
<td>4&quot; hub</td>
</tr>
<tr>
<td>-X</td>
<td>A9064</td>
<td>Large closing plate</td>
<td>Large closing plate</td>
</tr>
<tr>
<td>-RRL</td>
<td>S8324</td>
<td></td>
<td>Large hub opening adapted to small hub opening</td>
</tr>
</tbody>
</table>

**Small hub opening**

**Large hub opening**
Accessories

Connector Kits, Closing Kits and Sealing Rings

**Connector Kits | For Use with 3/8"-16 Stud Type Units Only**

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Part #</th>
<th>(3 per set) - 1Ø</th>
<th>Suffix</th>
<th>Part #</th>
<th>(3 per set) - 1Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>K1</td>
<td>K1539</td>
<td>6-350</td>
<td>K2</td>
<td>K1350</td>
<td>6-350</td>
</tr>
<tr>
<td>K3</td>
<td>K1540</td>
<td>4-600 or (2) 1/0-250</td>
<td>K2L</td>
<td>K1350L</td>
<td>6-350 (non-rotating)</td>
</tr>
<tr>
<td>K3L</td>
<td>K1540L</td>
<td>4-600 or (2) 1/0-250 (non-rotating)</td>
<td>K4</td>
<td>K1541</td>
<td>4-600</td>
</tr>
</tbody>
</table>

**Suffix**

<table>
<thead>
<tr>
<th>Suffix</th>
<th>Part #</th>
<th>(4 per set) - 3Ø</th>
<th>Suffix</th>
<th>Part #</th>
<th>(4 per set) - 3Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>K5</td>
<td>K3082</td>
<td>6-350</td>
<td>K6</td>
<td>K3442</td>
<td>6-350</td>
</tr>
<tr>
<td>K7</td>
<td>K3441</td>
<td>4-600 or (2) 1/0-250</td>
<td>K8</td>
<td>K3083</td>
<td>4-600</td>
</tr>
</tbody>
</table>

**Bypass Link**

K8180 (sold in pairs)

**Closing Covers**

<table>
<thead>
<tr>
<th>Meter Closing Plate (Ring Type/Ringless)</th>
<th>Metal Closing Plate (For Ringless Sockets)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6003 - Gray Plastic</td>
<td>CP-21</td>
</tr>
<tr>
<td>6116 - Clear Plastic</td>
<td></td>
</tr>
</tbody>
</table>

**Sealing Rings**

| MR-2 - Snap Action                    | MR-4 - Screw Type (Stainless Steel)     |
| MR2-SS - Stainless Steel              |                                          |

**Generator Interlock**

K5815 - large QN with small frame Q
K5820 - large frame QN with large frame QN
K5830 - small frame Q to small frame Q

**Touch-Up Paint**

A-GP - Light Gray

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### Accessories

#### Fifth Terminal and Tap Connectors

**Fifth Terminals**

- **5T8K2** - 100-200 Amps "Plug-In"
- **K5T** - 200 Amps (Block with Square Hole)
- **K3865** - Heavy Duty Jaw Clamping (K3866 without Neutral Wire)
- This is for Condo Metering Banks (125-200 Amps) K2381

**Tap Connectors (3 per set)**

- Replaces the load or line side slide-in nut assembly on Milbank 200 Amps sockets. Allows for a 100 Amps tap location in addition to the #6-350 kcmil load-side connector.
- **K5022** includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.

- **K4977-INT** - Internal Hex
- **K4977-EXT** - External Hex
- **K5022-INT** - Internal Hex (set of 4 w/ barrier)

**Pedestal Extension Units**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>D*</th>
<th>W*</th>
<th>H*</th>
</tr>
</thead>
<tbody>
<tr>
<td>S8988</td>
<td>4½</td>
<td>18⅜</td>
<td>15</td>
</tr>
<tr>
<td>S3488</td>
<td>6</td>
<td>11</td>
<td>15</td>
</tr>
<tr>
<td>S2571</td>
<td>4⅜</td>
<td>10</td>
<td>12</td>
</tr>
<tr>
<td>S1848</td>
<td>4⅛</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>K4694</td>
<td>6</td>
<td>9</td>
<td>24</td>
</tr>
<tr>
<td>K5800</td>
<td>4⅛</td>
<td>9</td>
<td>15</td>
</tr>
</tbody>
</table>

**Isolated Neutral Kit**

- **K1047**

**Anti-Inversion Clip**

- **K4802**

**Disconnect Sleeve**

- **M5-144**

**Triplex Ground**

- **K1190** (For factory installed triplex ground, add suffix -TG to catalog number)

---

*Isolated neutals are specific to the meter socket. Consult factory for correct isolated neutral.
**ALUMINUM CONDUCTORS (3W IN CONDUIT) 75° C (167° F)**

<table>
<thead>
<tr>
<th><strong>Conductor Size (AWG/kcmil)</strong></th>
<th><strong>Conduit Trade Sizes (inches)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>9 16 24 36 66 102 146 225 301 387</td>
</tr>
<tr>
<td>10</td>
<td>16 10 17 29 39 64 92 142 189 244</td>
</tr>
<tr>
<td>8</td>
<td>3 6 9 16 22 37 53 82 109 140</td>
</tr>
<tr>
<td>6</td>
<td>4 2 4 12 16 27 38 59 79 101</td>
</tr>
<tr>
<td>4</td>
<td>1 2 4 7 10 16 23 36 48 62</td>
</tr>
<tr>
<td>3</td>
<td>1 1 3 6 8 14 20 31 41 53</td>
</tr>
<tr>
<td>2</td>
<td>1 1 3 5 7 11 19 26 34 44</td>
</tr>
</tbody>
</table>

**ALLOWABLE AMPACITIES OF INSULATED COPPER & ALUMINUM CONDUCTORS (3W IN CONDUIT) 75° C (167° F)**

<table>
<thead>
<tr>
<th>Type</th>
<th>Conductor Size (AWG/kcmil)</th>
<th>Ampacity (thru 3W in conduit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>THWN, THWN-2</td>
<td>750</td>
<td>475</td>
</tr>
<tr>
<td>THHN, THHN-2</td>
<td>600</td>
<td>420</td>
</tr>
<tr>
<td>XHHW, XHHW-2</td>
<td>500</td>
<td>380</td>
</tr>
<tr>
<td>USE, 2W</td>
<td>400</td>
<td>335</td>
</tr>
<tr>
<td>THW, USE, 2W</td>
<td>350</td>
<td>310</td>
</tr>
<tr>
<td>FEPW, RH, RW, THW, THWN, XHHW, USE, 2W</td>
<td>250</td>
<td>190</td>
</tr>
</tbody>
</table>

**AMPACITY CORRECTION FACTORS**

<table>
<thead>
<tr>
<th>Ambient Temp.</th>
<th>Correction Factor</th>
<th>Ambient Temp.</th>
</tr>
</thead>
<tbody>
<tr>
<td>21 - 25</td>
<td>1.05</td>
<td>75 - 77</td>
</tr>
<tr>
<td>25 - 30</td>
<td>1.00</td>
<td>78 - 86</td>
</tr>
<tr>
<td>31 - 35</td>
<td>0.94</td>
<td>87 - 95</td>
</tr>
<tr>
<td>36 - 40</td>
<td>0.88</td>
<td>96 - 104</td>
</tr>
<tr>
<td>41 - 45</td>
<td>0.87</td>
<td>105 - 113</td>
</tr>
<tr>
<td>46 - 50</td>
<td>0.80</td>
<td>114 - 122</td>
</tr>
<tr>
<td>51 - 55</td>
<td>0.72</td>
<td>123 - 131</td>
</tr>
<tr>
<td>56 - 60</td>
<td>0.67</td>
<td>132 - 140</td>
</tr>
<tr>
<td>61 - 65</td>
<td>0.63</td>
<td>141 - 158</td>
</tr>
</tbody>
</table>

Overall Ampere ratings of UL listed Milbank multiple position meter sockets are based on the 2008 NEC Handbook Article 220-74 and ANSI / UL-414 (except where restricted by line connector size). These requirements provide for a diversity factor/demand factor being used in determining the overall (main bus / lug) rating of a gang socket. All Milbank UL listed gang sockets meet or exceed these diversity factor/demand factor requirements. Standard overall Ampacity ratings for UL listed and non-UL listed gang sockets are as shown in the chart below. Ampere ratings of meter sockets are based on the motor socket being wired with 75°C insulated wire conductor, sized in accordance with Table 310-16 of the National Electric Code.
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

1. Use caution and follow established safety procedures:
   a) Wear safety apparel.
   b) Use safety equipment.
   c) Take action to prevent injury to yourself and others in the event of failure of the installation.
   d) Take action to prevent/decrease damage to property in the event of failure of the installation.
   e) If you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

After Energizing

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

Recommended Torque for General Applications*

<table>
<thead>
<tr>
<th>Nominal Size</th>
<th>Joint Description</th>
<th>Head Type</th>
<th>Torque (Inch Lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>受欢迎 Size</td>
<td>Screw</td>
<td>Nut</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Brass</td>
<td>Brass Nut or Extruded Hole</td>
<td>All</td>
</tr>
<tr>
<td>10</td>
<td>Steel</td>
<td>Copper or Aluminum Busbar ≤ 1/8&quot;</td>
<td>All</td>
</tr>
<tr>
<td>10</td>
<td>Steel</td>
<td>Steel Nut or Extruded Hole, CU or AL Busbar &gt; 1/8&quot;</td>
<td>All</td>
</tr>
<tr>
<td>12</td>
<td>Steel</td>
<td>Aluminum Extruded Hole</td>
<td>All</td>
</tr>
<tr>
<td>12</td>
<td>Steel</td>
<td>Steel Nut or Extruded Hole</td>
<td>All</td>
</tr>
<tr>
<td>1/4</td>
<td>Steel</td>
<td>Aluminum Extruded Hole</td>
<td>All</td>
</tr>
<tr>
<td>1/4</td>
<td>Steel</td>
<td>Steel Nut or Extruded Hole, CU or AL Busbar</td>
<td>All</td>
</tr>
<tr>
<td>5/16</td>
<td>Steel</td>
<td>Aluminum Extruded Hole</td>
<td>Hex</td>
</tr>
<tr>
<td>5/16</td>
<td>Steel</td>
<td>Steel Nut or Extruded Hole, CU or AL Busbar</td>
<td>Hex</td>
</tr>
<tr>
<td>3/8</td>
<td>Steel</td>
<td>Steel Nut</td>
<td>Hex</td>
</tr>
<tr>
<td>1/2</td>
<td>Steel</td>
<td>Steel Nut</td>
<td>Hex</td>
</tr>
</tbody>
</table>

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

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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-Terminals: 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 NEMA Type 3R Enclosure unless otherwise specified 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.
Watt-hour Meter Forms

Standard Forms | Transformer Rated or Self-Contained

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