

**MILBANK**<sup>®</sup>  
ENERGY AT WORK



# Tennessee Area

*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 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](http://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.



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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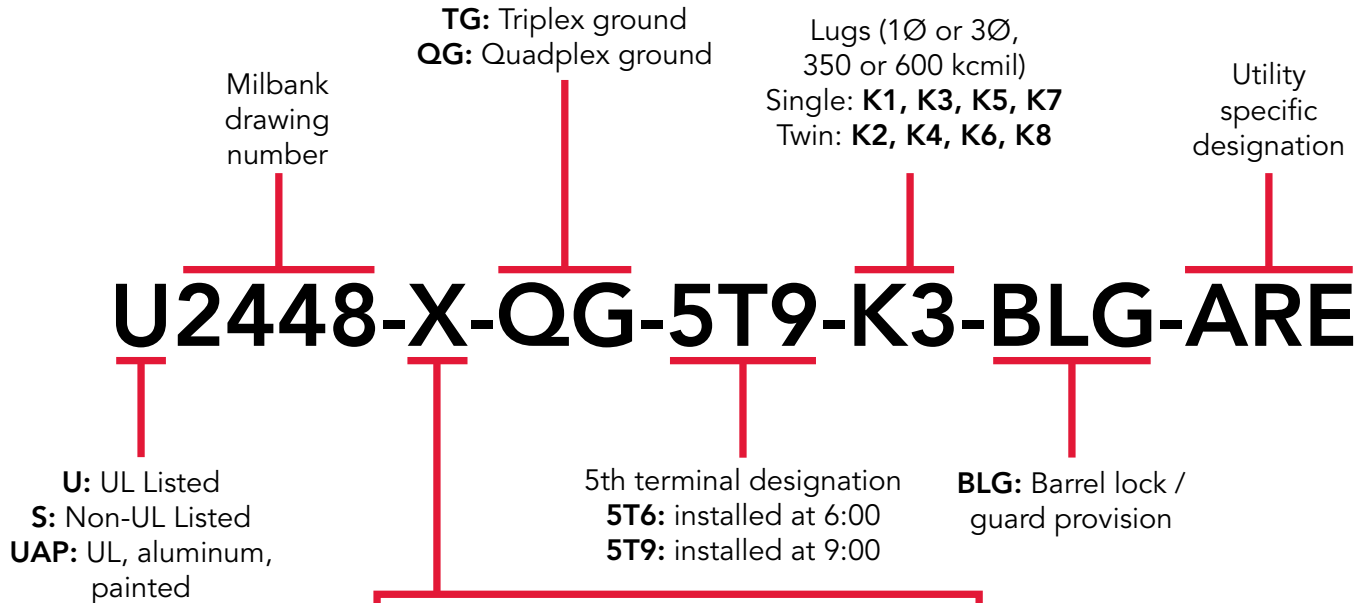
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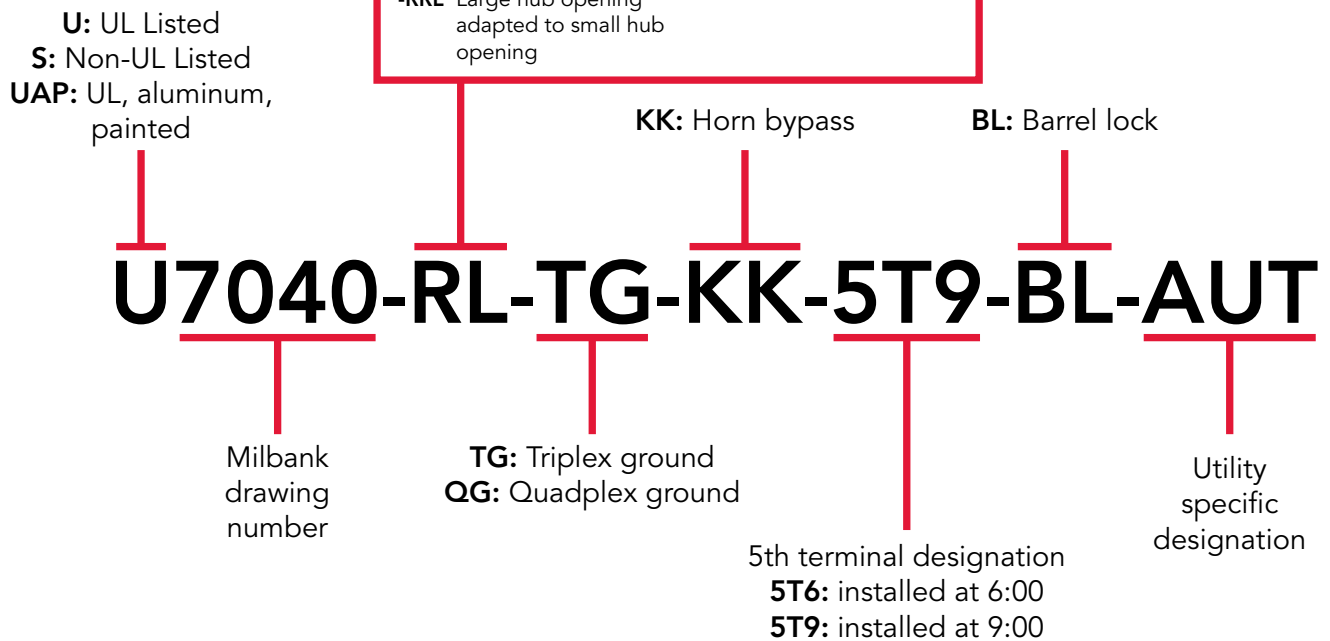
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# Catalog Number Logic

How our product catalog numbers are derived



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



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# Air Conditioner Disconnects

30 & 60 Amps | Fusible & Non-Fusible



**U3802**



**U3812**



**U3832**

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.

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

Catalog Number	Amps	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
					CU	AL		D"	W"	H"	CU °C	AL °C
<b>U3802</b>	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
<b>U3812</b>	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
<b>U3832</b>	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	2½	5	7	60°/75°	60°/75°
<b>U3862</b>	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2½	5	9	60°/75°	60°/75°

### Notes

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



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# Air Conditioner Disconnects

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

Catalog Number	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
				CU	AL		D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4 1/8"	5 1/4"	7 1/2"	60°/75°	60°/75°

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

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# Hot Tub Disconnect

## Type 3R Enclosures



**U4881-O-50GB**



**U4881-O-60GB**

### Specifications

- 240 volt ground fault protection
- UL listed, Type 3R rainproof
- 2-pole, 50 amp GFCI breaker protection
- Compact size
- Three or four wire installation
- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

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

Catalog Number	amp	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
<b>U4881-O</b>	—	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
<b>U4881-O-50GB</b>	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
<b>U4881-O-60GB</b>	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½

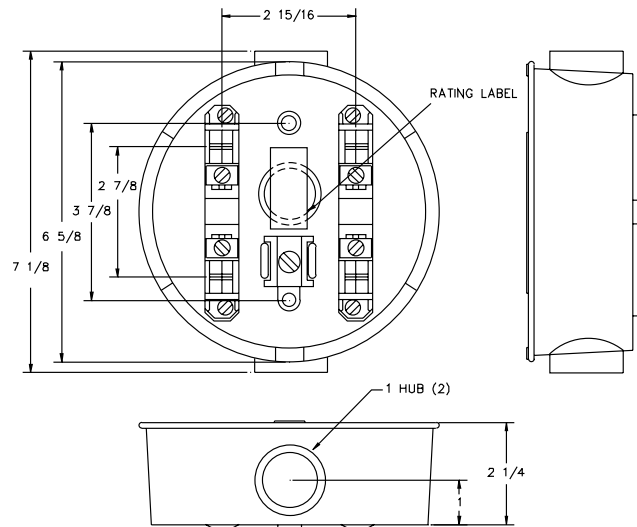


# Single Position Sockets

30-100 amp | 4 Terminal | Ring Type

9

30-100 AMP  
SINGLE  
POSITION  
SOCKETS



## 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 Number	Terminal	Service	Hub	Connectors CU/AL		Quantity Per Package	Knockouts
				Line	Load		
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	3/4", 1"
AP2300-03-5T-AB	4	OH/UG	1 1/4"	#12-1/0	#12-1/0	12	3/4", 1"
AP2300-08	5	OH/UG	1"	#12-1/0	#12-1/0	12	3/4", 1"

## Notes

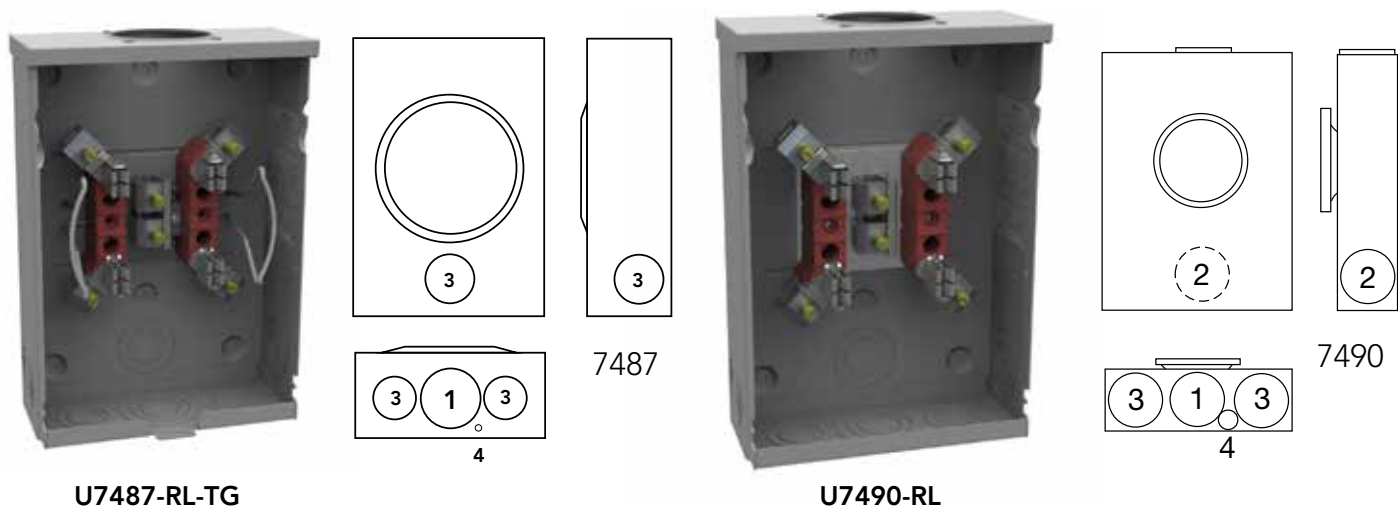
- **Fifth & Sixth Terminal:** Contact factory.
- **Sealing Ring:** Supplied with a snap action sealing ring.
- **Hub:** Units supplied with cast in hub on top and bottom. Consult factory for availability of other hub sizes.
- **Bypass:** Also available with auto bypass. Contact factory.
- **Not UL listed**

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# Single Position Sockets

125 amp | 4 Terminal | 600 VAC



**125 amp | Single Position | 4 Terminal | Ringless**

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
<b>U7487-RL-TG</b>	OH/UG	H.O.	#6-2/0	None	3 <sup>15</sup> / <sub>16</sub>	8	11 <sup>1</sup> / <sub>2</sub>	2	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

**125 amp | Single Position | 4 Terminal | Ring Type**

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
				D"	W"	H"	1	2	3	4
<b>U7490-RL</b>	OH/UG	H.O.	#6-2/0	3 <sup>5</sup> / <sub>16</sub>	8	11 <sup>1</sup> / <sub>2</sub>	2	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

**Notes**

- **Fifth Terminal:** For field mounted fifth terminal on the **U7487** and **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.



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# Single Position Sockets

200 amp | 4 Terminal | Ringless

**1 1**  
200 AMP SINGLE  
POSITION  
SOCKETS

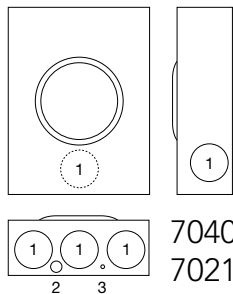


U7021-DL-TG

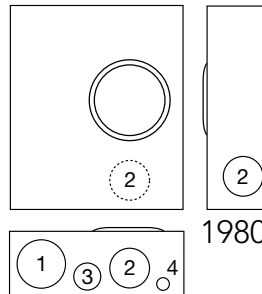
U7040-XL-TG

U7040-RL-TG

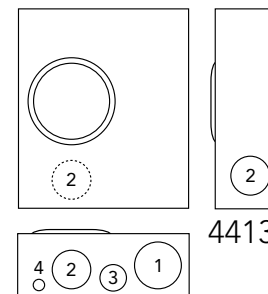
U1980-O



7040  
7021



1980



4413

200 Amp | 4 Terminal | Single Position | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7021-DL-TG	OH	2	#6-350	#6-350	None	4 1/8	8	15 1/2	2 1/2	1/4, 1/2	1/4	—
U7021-RL-TG	OH	H.O.	#6-350	#6-350	None	4 1/8	8	15 1/2	2 1/2	1/4, 1/2	1/4	—
U7040-RL-TG	OH/UG	H.O.	#6-350	#6-350	None	4 1/8	8	14 1/2	2 1/2	1/4, 1/2	1/4	—
U7040-XL-TG	UG	C.P.	#6-350	#6-350	None	4 1/8	8	14 1/2	2 1/2	1/4, 1/2	1/4	—
U1980-O**	UG	Blank	#6-350	#6-350	None	4 1/2	13	15 1/4	2 1/2	1/4, 1/2	1 1/2	1/4, 1/2
*U4413-O-KK-BLG**	UG	Blank	#6-350	#6-350	None	4 1/2	13	15 1/4	2 1/2	1/4, 1/2	1/4	—

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K5T** to fit into square opening at the 9 o'clock position.
- **Connectors:** Units with -TG suffix include triplex ground connector.
- **Bypass:** Units provided with horn type bypass (suffix -KK).  
\*Barrel lock with guard provision (suffix -BLG).  
\*\*Side wireway.

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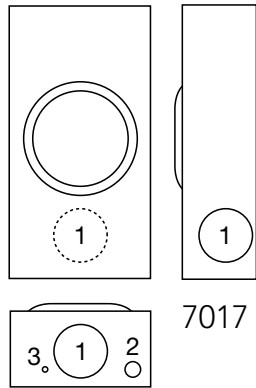


# Single Position Sockets

200 amp | 4 Terminal | Ring Type



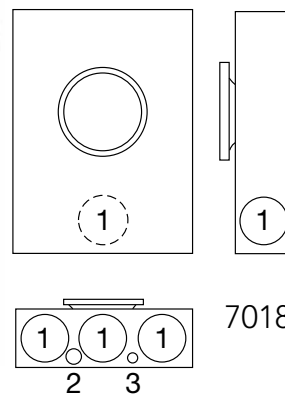
U7017-RL-TG



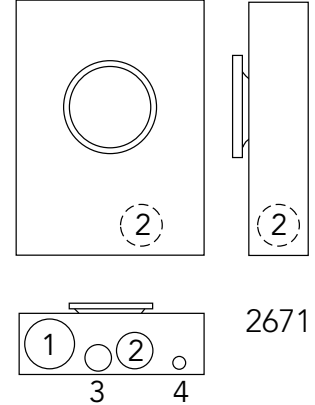
7017



U7018-XL-TG



7018



2671

## 200 Amp | 4 Terminal | Ring Type

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7017-RL-TG	OH	H.O.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7017-DL-TG-LR*	OH	2	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7018-XL-TG	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7018-O-TG	UG	BLANK	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U2671-O	UG	BLANK	#6-350	#6-350	None	4 $\frac{1}{2}$	13	15 $\frac{1}{4}$	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart below or accessory section.
- **Fifth Terminal:** For field mounted fifth terminal order catalog number **K5T**.
- **Connectors:** Extruded aluminum internal hex lay-in type connectors are tin plated. Units are supplied with duplex neutral.
- **Triplex Ground (-TG):** Factory installed.
- **Sealing Rings:** Ring type units are supplied with **MR-2**, snap action, sealing rings as standard.
- \* **Flush Mount:** Above products are available in flush mount. Contact factory for pricing and availability.

## INTERCHANGEABLE UNIT HUBS

Size	Milbank Cat. No.	Suffix
1" (25.4mm)	<b>A7514</b>	-WL
1 $\frac{1}{4}$ " (31.75mm)	<b>A7515</b>	-YL
1 $\frac{1}{2}$ " (38.1mm)	<b>A7516</b>	-ZL
2" (50.8mm)	<b>A7517</b>	-DL
2 $\frac{1}{2}$ " (63.5mm)	<b>A7518</b>	-EL



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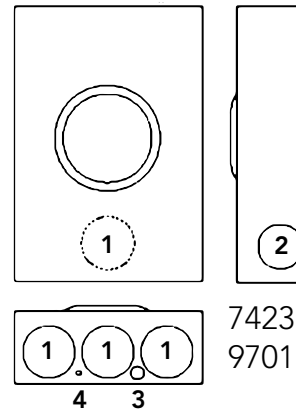
# Single Position Lever Bypass

200 amp | 7 Terminal | Lever Bypass | Ringless | 600 VAC

**13**  
200 AMP  
SINGLE  
POSITION  
LEVER BYPASS



U9701-RRL-BL



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

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U7423-RXL	OH/UG	C.P.	#6-350	Lever	4½	13	19	3	2½	¼, ½	¼

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

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U9701-RRL-BL	OH/UG	H.O.	#6-350	Lever	4¾	13	19	3	2½	¼, ½	¼

## Notes

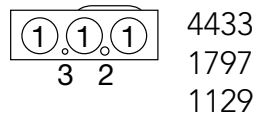
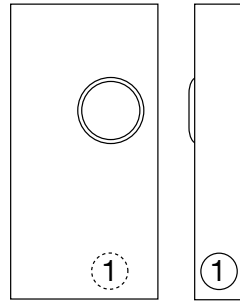
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Bypass:** The lever on the **U9701** unit supplies clamping action on meter spades and also operates bypass device.  
*Lever bypass is fully rated @ 200 amps.*

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# Single Position Lever Bypass

320 amp | 4 Terminal | Ringless



U1797-O-K3L-K2L-BL

U1129-O-K3L-K2L

320 amp | 4 Terminal | Ringless | 600 VAC

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
			Line	Load		D"	W"	H"	1	2	3
U4433-X-BL	OH/UG	C.P.	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	15	31 <sup>1</sup> / <sub>2</sub>	3	1 <sup>1</sup> / <sub>2</sub> , 1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
U1129-O-K3L-K2L	UG	Blank	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	15	30	3	1 <sup>1</sup> / <sub>2</sub> , 1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>
U1797-O-K3L-K2L-BL	UG	Blank	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	15	30	3	1 <sup>1</sup> / <sub>2</sub> , 1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

## Notes

- **Hubs:** For proper hub selection, see hub suffix chart in accessories page.
- **Bypass:** Lever supplies clamping action and also operates bypass device.
- **Connector Kits:** Extruded aluminum connectors are tin plated. Order two connector kits to cover both line and load. See accessories page.
- **Fifth Terminal:** For field mounted fifth terminal, order as extra **K3865**.
- **Lever Bypass:** Lever bypass supplies clamping action on the meter spades and also operates the bypass device.



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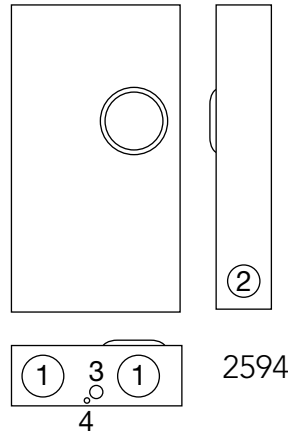
# Single Position Lever Bypass

320 amp | 7 Terminal | Side Wireway | Ringless

**15**  
320 AMP  
SINGLE  
POSITION  
SOCKETS



U2594-X



2594

320 amp | 7 Terminal | Side Wireway | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U2594-X	UG	C.P.	3/8"-16 Studs	Lever	6½	19	34⅞	4	3	1	¼

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Order two kits to cover both line and load on sockets not supplied with line connectors. **NOTE:** For single lug connector kits for the **U2594** unit, 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.

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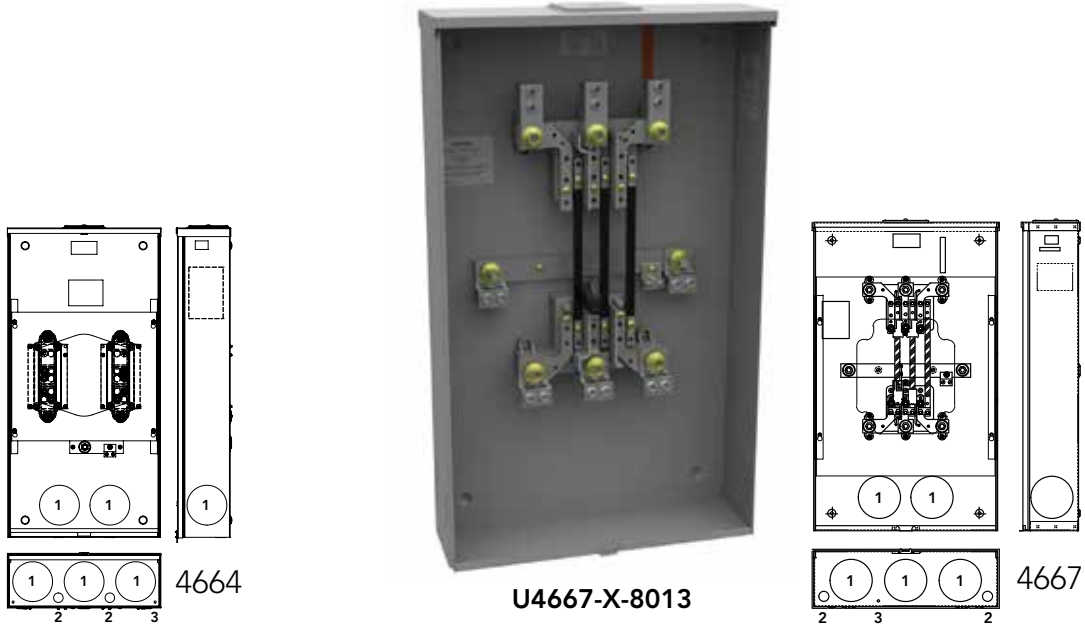


# 16

600 AMP BOLT-IN  
SINGLE POSITION  
SOCKETS

# Bolt-In Bypass Single Position

600 amp (480 Cont.) | 4 & 7 Terminal | Ringless



## 4 & 7 Terminal | K-Series

Catalog Number	Service	Phase	Hub	Connectors Line/Load	Ground Lug	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
S4664-X-8416**	OH/UG	1	C.P.	NONE	1/0-2/0	6	17¾	43	4	¾	¼
U4667-X-8013	OH/UG	3	C.P.	NONE	1/0-2/0	6	20¼	43	4	¾	¼
UA4667-X-9504*	OH/UG	3	C.P. (2)	NONE	1/0-2/0	6	20¼	43	4	¾	¼

## Notes

- **Hubs:** The -X unit is supplied with a large closing plate in the top. The -XT units are supplied with 2 large closing plates in the top. For proper hub selection, see the hub suffix chart on the accessory page.
- **Connectors:** K-4 units require a total of 5 connectors. K-7 units require a total of 8 connectors. The K-7 units are supplied with two ground lugs. Order line and load connectors as extra.
- **Isolated Neutral Kit:** To add isolated neutral kit to K-7 sockets, use catalog number Z708312-MO.
- \***Aluminum Construction:** This unit is constructed of aluminum.
- \*\*Non-UL listed product.



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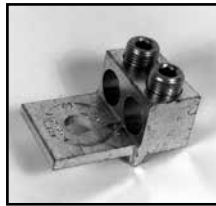
# Bolt-In Bypass Single Position

## Connector Kits

**17**  
600 AMP  
BOLT-IN  
BYPASS  
SOCKETS



**Z703916-AC**



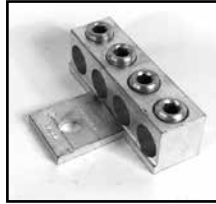
**Z703918-AC**



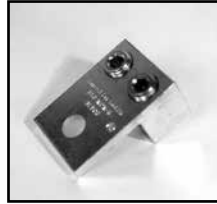
**Z703919-AC**



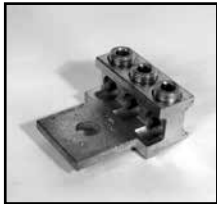
**Z703921-AC**



**Z705420-AC**



**Z705456-AC**



**Z708145-AC**

Bolt-on type lugs for Milbank stud type meter mounting devices are made of 6061-T6 aluminum to provide high strength and high conductivity. All lugs are tinplated to ensure low contact resistance and to reduce corrosion. Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug.

### 4 Terminal, 1Ø3W Connector Kits

Catalog Number	Wire Range	Type	Wire Entry
<b>Z703917-AC</b>	#6-350	Twin	Side
<b>Z704693-AC</b>	#2-500	Twin	Side
<b>Z705456-AC</b>	#6-350	Twin	Rear
<b>Z705420-AC</b>	#6-350	Quad	Rear

### 7 Terminal, 3Ø4W Connector Kits

Catalog Number	Wire Range	Type	Wire Entry
<b>Z703916-AC</b>	3/0-800	Single	Side
<b>Z703921-AC</b>	3/0-800	Single	Front
<b>Z703918-AC</b>	#4-350	Twin	Front
<b>Z703919-AC</b>	#6-350	Twin	Side
<b>Z704693-AC</b>	#2-500	Twin	Side
<b>Z704694-AC</b>	#4-500	Twin	Front
<b>Z708145-AC</b>	#6-250	Triple	Front

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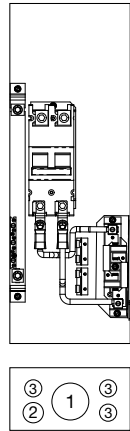


# Unmetered Load Centers

200 Amp Main Power Outlet | Branch Provisions | 1Ø3W



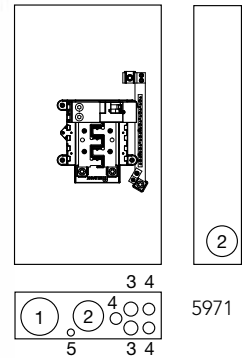
USE-22-200-MB



USE-22-200-MB



U5971-XL-200



5971

## 200 Amp Main Power Outlet | Branch Provisions | 1Ø3W

Catalog Number	Service	Branch Circuits	Hub	Connectors	Dimensions			Knockouts				
				Line	D"	W"	H"	1	2	3	4	5
USE-22-200-MB	OH	4	2"	2/0-300 kcmil	4	8 $\frac{1}{8}$	22 $\frac{5}{8}$	2	1	$\frac{1}{4}, \frac{1}{2}$	—	—
U5971-XL-200	OH/UG	8	C.P.	#1-300 kcmil	4 $\frac{1}{2}$	14 $\frac{1}{8}$	25 $\frac{1}{16}$	3	2 $\frac{1}{2}$	1	$\frac{1}{2}, \frac{3}{4}$	$\frac{1}{4}, \frac{1}{2}$

### Notes

- The neutral bus/ground bar is factory installed.
- **USE-22-200-MB:** 200 amp main with provisions for 200 AMP direct wire feeder. 200 amp bolt-on breaker wired in series with plug-in style bus. Space for four single pole or two 2-pole plug-in, branch circuit breakers. One 2" hub included. Quadplex style breakers may be used in accordance with the NEC.
- \*U5971 is 22KAIC Rated, and available with 100 amp main.
- **Replacement breaker:** USE is UQFB-M-200, U5971 is QN2200RH.



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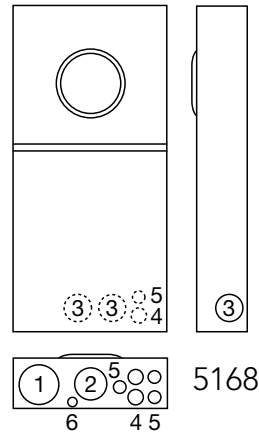
# Meter Main with Load Center

100 & 200 amp | 4 Terminal | Ringless | 120/240 VAC

**19**  
100 & 200 AMP  
SINGLE  
POSITION  
SOCKETS



U5168-XTL-200



100/200 amp | 4 Terminal | Meter Main | 22K AIC | 1Ø3W | Ringless | OH/UG

Catalog Number	Circuits	Hub	Connectors CU/AL Line	Bypass	Dimensions			Knockouts					
					D"	W"	H"	1	2	3	4	5	6
U5168-XTL-100	10	C.P.	#6-350	None	4½	14⅞	32	3	2½	2	1	½, ¾	½, ¼
U5168-XTL-100-KK	10	C.P.	#6-350	None	4½	14⅞	32	3	2½	2	1	½, ¾	½, ¼
U5168-XTL-200	8	C.P.	#6-350	None	4½	14⅞	32	3	2½	2	1	½, ¾	½, ¼
U5168-XTL-200-KK	8	C.P.	#6-350	None	4½	14⅞	32	3	2½	2	1	½, ¾	½, ¼

## Notes

- **Hubs:** Supplied with (2) closing plates packed inside. Order hubs as a separate item. See accessory page for hub options.
  - **Fifth Terminal:** Order **K5T** and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
  - **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**.
  - Ring type also available. Consult factory.
  - **Replacement breaker:** -100 is **Q2100H** and -200 is **QN2200RH**.
- Sub-Feed Lugs:** #6-350 kcmil sub-feed lugs provided.

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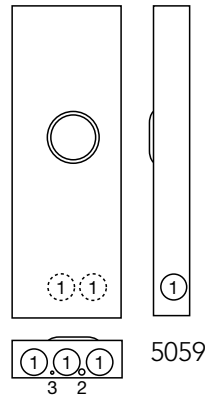


# Heavy Duty Lever Bypass Meter Mains

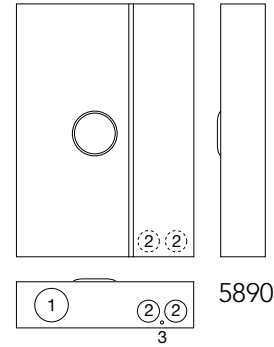
320 Amp | 5 Terminal | Ringless | 120/240 VAC



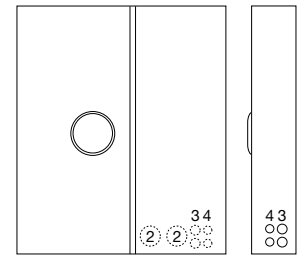
U5059-X-2/200-K3L



U5891-X-2/200-MLK-BL



5890



5891

5892

## 320 Amp | 5 Terminal | Single Position | Heavy Duty Lever Bypass | Ringless

Catalog Number	Service	Hub	Branch Circuits	Connectors CU/AL		Bypass	Dimensions			Knockouts				
				Line	Load		D"	W"	H"	1	2	3	4	5
U5059-X-2/200-K3L	OH/UG	C.P.	—	#4-600	1/0-300	Lever	4 <sup>7</sup> / <sub>8</sub>	15	42 <sup>1</sup> / <sub>2</sub>	3	1/4, 1/2	1/4	—	—
U5890-X-2/200-BL	OH/UG	C.P.	—	3/8 x 16 Stud	1/0-300	Lever	6	24 <sup>1</sup> / <sub>2</sub>	35	4	2 <sup>1</sup> / <sub>2</sub>	1/3	—	—
U5891-X-2/200-BL	OH/UG	C.P.	12	3/8 x 16 Stud	1/0-300	Lever	6	29 <sup>1</sup> / <sub>2</sub>	35	4	2 <sup>1</sup> / <sub>2</sub>	1	1/2, 3/4	1/3
U5891-X-2/200-MLK-BL	OH/UG	C.P.	12	3/8 x 16 Stud	1/0-300	Lever	6	29 <sup>1</sup> / <sub>2</sub>	35	4	2 <sup>1</sup> / <sub>2</sub>	1	1/2, 3/4	1/3
U5892-X-2/200-BL	OH/UG	C.P.	24	3/8 x 16 Stud	1/0-300	Lever	6	29 <sup>1</sup> / <sub>2</sub>	35	4	2 <sup>1</sup> / <sub>2</sub>	1	1/2, 3/4	1/3

## Notes

- **Neutral:** Bonded neutral and ground factory installed.
- **Short Circuit Current Withstand Rating:** 22K AIC standard.
- **Bypass:** Lever supplies clamping action and operates bypass device.
- **-MLK:** Feed-through lug kit.
- **Replacement breaker:** U5059 is UQFPH-200. For the U5890 both breakers are QN2200H. For the U5891 and U5892 the left breaker is QN2200H and right breaker is QN2200RH.



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# Lever Bypass Meter Mains

320 & 400 Amp | 4-7 Terminal | Ringless | Jaw Clamping

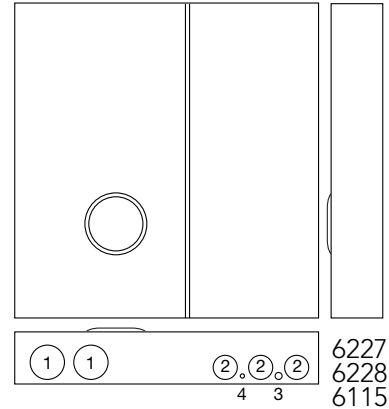
**21**  
320 AMP  
LEVER BYPASS  
METER MAIN



U6115-X-2/200-K7L



U6228-X-400



## 320 Amp | 7 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6115-X-2/200-K7L	OH/UG	C.P.	(2) 1/0 - 250 or 4-600kcmil	7	34¼	34	½,¾	½,¾	½,¾	½,¾

## 400 Amp Meter Main | 4 Terminal | 1Ø3W | 240 VAC

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
			Line		D"	W"	H"	1	2	3	4
U6227-X-400	OH/UG	C.P.	600 kcmil	Lever	6	36¼	34	4	2½	½	¼
U6228-X-400	OH/UG	C.P.	600 kcmil	Lever	6	36¼	34	4	2½	½	¼

## Notes

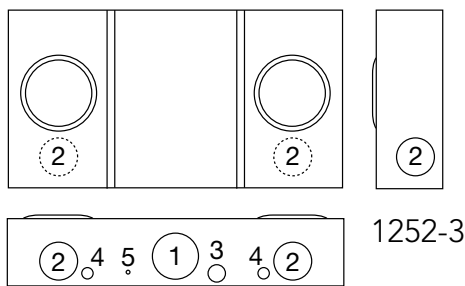
- **Short Circuit Current Withstand Rating:** 22K AIC.
- **Breakers:** All units come with two 200A main breakers.
- **6115-X-2/200-K7L** is rated up to 480 volts 3phase.
- **Replacement breaker:** Siemens NFK3B200L

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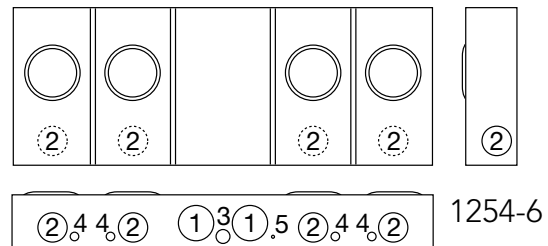


# Multi-Position Sockets

200 amp | 4 Terminal | Ringless | 300 VAC



U1252-X-K1



200 amp | Multiple Position | 4 Terminal | Ringless | 1Ø3W | OH/UG

Catalog Number	No. of Positions	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
			Line	Load		D"	W"	H"	1	2	3	4	5
U1252-X-K1	2	2½	#6-350	#6-350	None	5⅞	26½	14	3	2½	1	½	¼
U1253-X-K3	3	C.P.	4-600 (2) 1/0-250	#6-350	None	5⅞	34⅛	14	3	2½	1	½	¼
U1254-X-K3	4	C.P.	4-600 (2) 1/0-250	#6-350	None	5⅞	42⅞	16	3	2½	1	½	¼
U1256-X-K4	6	C.P.	(2)#2-600	#6-350	None	5⅞	63⅛	18	3	2½	1	½	¼

## Notes

- **Hubs:** For proper hub selection refer to the hub suffix chart on the accessory page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- **Fifth Terminal:** For field mounted fifth terminal for **U1252-6**, order catalog number **K5T** (9 o'clock position).
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Bussing:** Bussing is 5/16" x 1" aluminum on the **U1252-1253**. On the **U1254-6** gangs the bussing is 3/8" x 1" aluminum.



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# Multi-Position Meter Mains

200 amp/per position | 4 Terminal | Ringless | 120/240 VAC

# 23

200 AMP  
MULTI-POSITION  
METER MAINS



U2854-X



U2866-X

### 125 Amp/Position

Catalog Number	No. of Pos.	Main Bus Rating	Line Connector Size
U2852-X	2	200 Amp	*3/8"-16 Studs
U2853-X	3	200 Amp	*3/8"-16 Studs

### VERTICAL

### 200 Amp/Position

Catalog Number	No. of Pos.	Main Bus Rating	Line Connector Size
U2862-X	2	200 Amp	*3/8"-16 Studs
U2863-X	3	300 Amp	*3/8"-16 Studs

### 125 Amp/Position

No. of Pos.	Catalog Number	Main Bus Rating	Line Connector Size
4	U2854-X	400 Amp	*3/8"-16 Studs
5	U2855-X	400 Amp	*3/8"-16 Studs
6	U2856-X	400 Amp	*3/8"-16 Studs

### RECTANGULAR

### 200 Amp/Position

Catalog Number	No. of Pos.	Main Bus Rating	Line Connector Size
U2864-X	4	400 Amp	*3/8"-16 Studs
U2865-X	5	600 Amp	*3/8"-16 Studs
U2866-X	6	600 Amp	*3/8"-16 Studs

### Connector Kits\*

Size	Suffix	Kit Number	Compatible With	Wire Range
Single	-K1	K1539	U2852-56 U2862-66	#6-350
	-K3	K1540	U2854-56 U2864-66	#4-600
Twin	-K2	K1350	U2854-56 U2863-66	#6-350
	-K4	K1541	U2864-66	#2-600

\*CONNECTORS: For line wire connector kits, order separately.

FIFTH TERMINALS: For field mounted fifth terminal order 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.

### Plug-In Breaker Compatibility Chart

Amps	Cutler-Hammer (Westinghouse)	Siemens (ITE)	Siemens Murray/ Crouse-Hinds	G.E.	SQ-D
125-200	HQP / BR / WBJ	QNR	MD	THQ	—
≤ 100	QP / BR HQP	QP	MP	THQ	Homeline

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# Multi-Position Meter Mains

125-200 Amp | 4 Terminal | Ringless | **22K AIC** Rated  
120/240 VAC



U5882-X



U5884-X

### 125 Amp / Position | 4 Terminal | Multi-Position Meter Main | Ringless

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL	Dimensions			Weight (lbs.)
					Line	D"	W"	H"	
U5902-X	125	2	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	26 1/2	30	58
U5903-X	125	3	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	34 3/8	30	88
U5904-X	125	4	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	42 5/8	30	107
U5905-X	125	5	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	51 1/20	30	128
U5906-X	125	6	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	59 3/10	30	146

### 200 Amp / Position | 4 Terminal | Multi-Position Meter Main | Ringless

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL	Dimensions			Weight (lbs.)
					Line	D"	W"	H"	
U5882-X	200	2	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	26 1/2	30	58
U5883-X	200	3	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	34 3/8	30	88
U5884-X	200	4	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	42 5/8	30	107
U5885-X	200	5	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	51 1/20	30	128
U5886-X	200	6	OH/UG	C.P.	3/8" x 16 Stud	5 1/8	59 3/10	30	146

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

Manufacturer	Cutler Hammer	Siemens	G.E. (50 Amp Max)	Square D
125 Amps or Less	BR, HQP, OPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amp	BR, BJ	QN, QNH (22K)	—	—

### Notes

- **Knockouts:** See drawings on the next page.
- **Optional:** Factory installed breakers are available - consult factory.
- **AIC Rating:** All models are rated **22K AIC**.
- **Hub:** Units supplied with one (1) closing plate. Order hubs separately, see accessory 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 page 70.
- **Horn Bypass :** Available, add **-KK** suffix



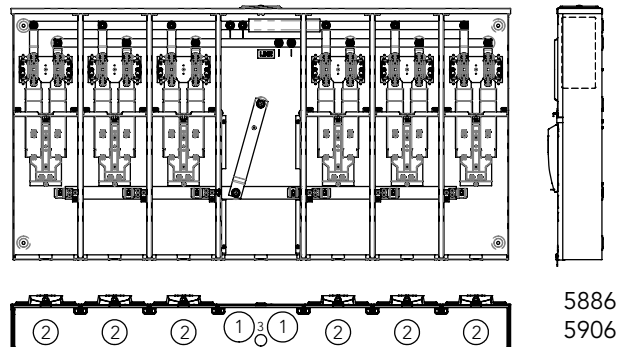
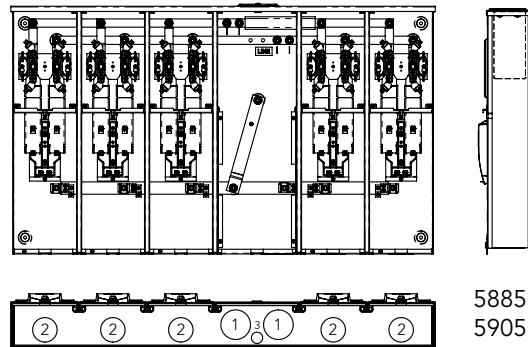
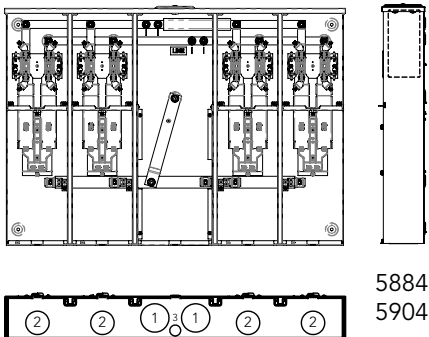
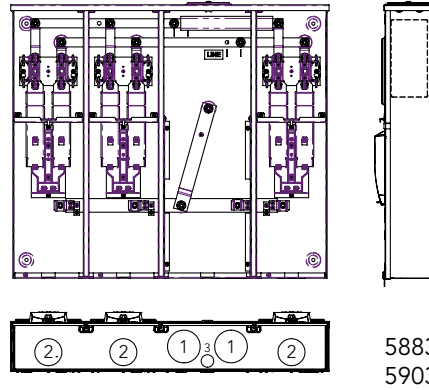
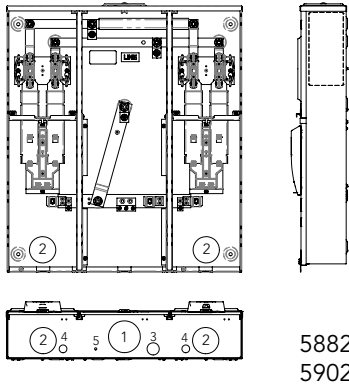
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# Multi-Position Meter Mains

*U5902 & U5882 Series Knockout information*

Knockouts				
1	2	3	4	5
3	2½	1	7/8	¼



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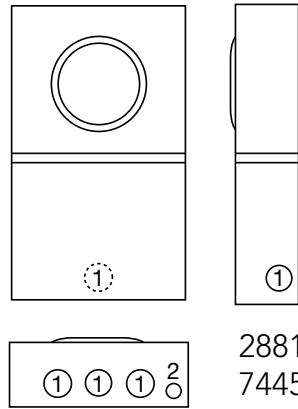


# Current Transformer Rated Sockets

20 Amp | 1-Piece Cover | with Test Switch Provision



UC7445-YL-421



## 20 Amp | 1-Piece Cover | Ringless

Catalog Number	Circuits	Hub	Connectors	Meter Form	Dimensions			Knockouts	
			CU Line		D"	W"	H"	1	2
U2881-WL-21	13	1"	#14 #4 max	6, 8, 9 & (ALT) 10S	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$
UC7445-YL-421	13	H.O.	#14 #4 max	6, 8, 9 & (ALT) 10S	4 $\frac{1}{8}$	12	29	1 $\frac{1}{4}$	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessory page.
- **Pre-wiring:** If standard factory pre-wiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory pre-wiring is required, consult factory for details. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "U" (i.e. UC7445-XL becomes U7445-XL).
- **\*Test Switch Cover:** Units on this page are not designed for use with test switch covers without removing test switch bridge prior to installing test switch.
- **Test Switch Configurations:** See **page 59** for standard test switch configurations and **page 60** for utility-specified test switches.



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# Current Transformer Cabinet

Type 3R

**27**  
CURRENT  
TRANSFORMER  
CABINET



323215-TC3RXA-SP1

## Features

- **NEMA Type 3R**
- Standard CT Cabinets available
- **Sizes range** from 36x30x10 to 60x60x13
- **.100 Aluminum**
- **Provide protection** against rain, sleet, and snow, or indoor use to protect against dripping water.
- The cover is mounted on galvanized lift-off hinges with stainless steel hinge pins.
- Cover is fastened with a pad-lockable draw latch
- Three point pad-lockable handle.
- Panel mounting studs provided for optional back panels.
- Drip shield top and seam-free sides, front and back.

## Current Transformer Cabinet | Panel Enclosure

Catalog Number	Hub	Gauge Aluminum	Wood Back Panel	Dimensions		
				D"	W"	H"
323215-TC3RXA-SP1	Blank	.100	Installed	15	32	32

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# Multi-Position Tap Box

Three Phase | Nashville Electric Service Approved



## Features

- **Painted Aluminum Construction:** Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder-coat paint finish helps prevent corrosion.
- **Capable of Wall or Pad Mounting:** Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- **Smaller Footprint:** The UAP6094 model has a more compact footprint compared with the leading competitor.
- **Multi-port ground lugs**
- **Pentabolt Secured Handle** (see pics below): Enclosure handle includes a pentabolt locking mechanism (see photos below) for enhanced protection.



## Common Applications



Catalog Number	Phase	Position Lugs	Maximum Wire Size	Maximum Amperage	Dimensions		
					D"	W"	H"
UAP6094-O-NES	3	16	500 kcmil	3000 Amps	16	25 <sup>5</sup> / <sub>8</sub>	43
UAP6095-O-NES	3	22	500 kcmil	4000 Amps	16	32 <sup>3</sup> / <sub>8</sub>	43
UAP6096-O-NES	3	14	750 kcmil	3300 Amps	16	25 <sup>1</sup> / <sub>6</sub>	51

Stainless steel pad mount spacing brackets included



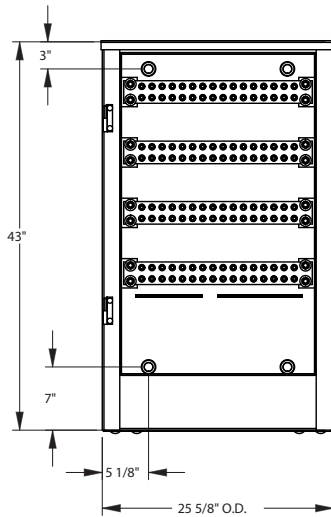
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

# Multi-Position Tap Box

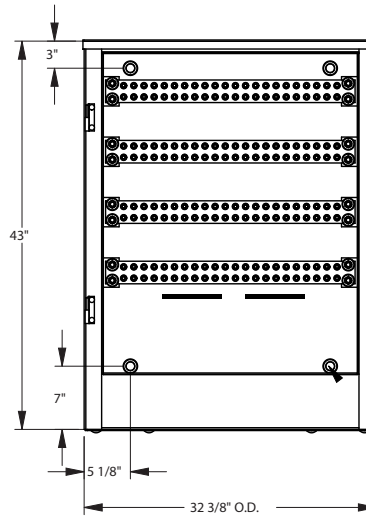
## Line Drawings

29

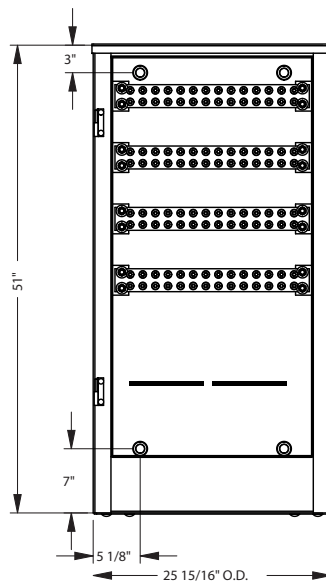
MULTI-POSITION  
TAP BOX  
LINE DRAWINGS



6094



6095



6096

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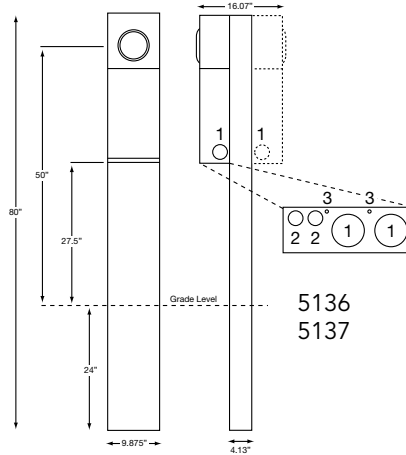
# Meter Main w/ Load Center Pedestal

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



**U5136-O-200S**

(shown with 20A receptacle and breaker with -10GR suffix)



**U6220-O-20**

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

Catalog Number	Breaker Amps	Service	Powerheads	Branch Circuits	Bypass	Connectors CU/AL		Knockouts		
						Line	Load	1	2	3
U5136-O	Provision	UG	Single	4	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5136-O-100S	100	UG	Single	4	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5136-O-200S	200	UG	Single	4	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-200S	200	UG	Double	4	Horn	#6-350	CB	2	1/2, 3/4	1/4

## 100-200 Amps | 4 Terminal | Meter Main Pedestal | Ringless

Catalog Number	Breaker Amps	Service	Powerheads	Branch Circuits	Bypass	Connectors CU/AL		Knockouts		
						Line	Load	1	2	3
U6220-O-100-KK-10GR	100	UG	Single	10	Horn	#6-350	FTL*	2	1/2, 3/4	1/4
U6220-O-200-KK-10GR	200	UG	Single	8	Horn	#6-350	FTL*	2	1/2, 3/4	1/4

## 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**.
- **Receptacles:** Consult factory for installed receptacle assemblies.
- **Short Circuit Current Rating:** 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.

\*FTL: Feed Through Lugs



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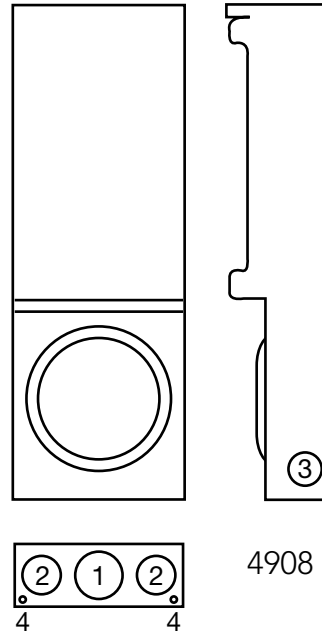
# Temporary Power Units

125 amp | 4 Terminal | Ringless | 120/240VAC

**31**  
125 AMP  
TEMP POWER  
UNITS



U4908-O-11GR



4908

## Specifications

- Available in ringless style (**U4908** series) or ring type (**U4909** series)
- UL Listed 100 Amp, 120/240 Volt – 1Ø Underground Service Power Outlet
- Short circuit current withstand rating 10,000 RMS symmetrical amperes
- Type 3R welded enclosure for durable outdoor use
- Enclosure constructed with galvanized 16 gauge steel
- ASA 61 grey 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

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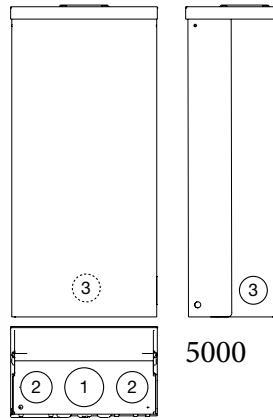


# Surface Mount Power Outlet

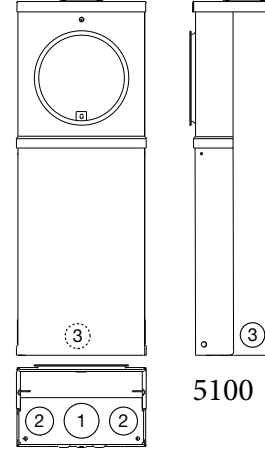
Millennium Series | 120/240 VAC



U5000-XL-75



U5100-XL-75



## 125 amp | Surface Mount Power Outlets

Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Loop Feed	Connectors Line	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
U5000-XL	Unmetered	—	—	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
U5000-XL-41	Unmetered	A	X	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
U5000-XL-55	Unmetered	B	Y	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
U5000-XL-75	Unmetered	C	Z	Yes	(2) 1/0-#12	5½	9⅞	19¼	2	1½	1¼
U5100-XL	Metered	—	—	No	#6-250	5½	9⅞	25	2	1½	1¼
U5100-XL-41	Metered	A	X	No	#6-250	5½	9⅞	25	2	1½	1¼
U5100-XL-55	Metered	B	Y	No	#6-250	5½	9⅞	25	2	1½	1¼
U5100-XL-75	Metered	C	Z	No	#6-250	5½	9⅞	25	2	1½	1¼

### Receptacle Configurations

A	B	C
(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

X	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.



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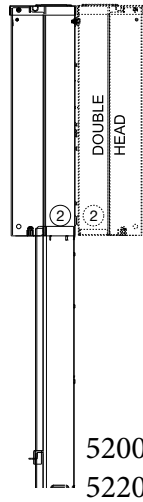
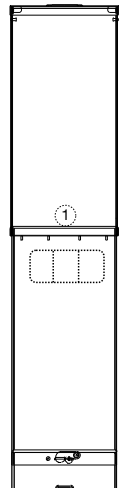


# Power Outlet Pedestals

Millennium Series | 120/240 VAC



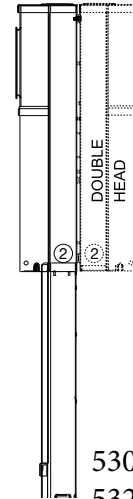
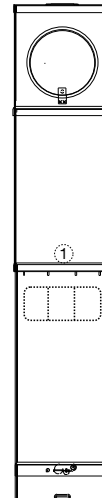
U5200-XL-75



5200  
5220



U5300-O-75



5300  
5320

## 125 amp | Power Outlet Pedestals

Catalog Number	Double Head Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Dimensions			Mounting Type
					D"	W"	H"	
U5200-XL	U5220-XL	Unmetered	—	—	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	Direct Burial
U5200-XL-41	U5220-XL-41	Unmetered	A	X	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	Direct Burial
U5200-XL-55	U5220-XL-55	Unmetered	B	Y	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	Direct Burial
U5200-XL-75	U5220-XL-75	Unmetered	C	Z	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	64 <sup>1</sup> / <sub>2</sub>	Direct Burial
U5300-O	U5320-O	Metered	—	—	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	Direct Burial
U5300-O-41	U5320-O-41	Metered	A	X	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	Direct Burial
U5300-O-55	U5320-O-55	Metered	B	Y	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	Direct Burial
U5300-O-75	U5320-O-75	Metered	C	Z	5 <sup>5</sup> / <sub>16</sub>	9 <sup>7</sup> / <sub>8</sub>	70 <sup>1</sup> / <sub>4</sub>	Direct Burial

## Receptacle Configurations

A	B	C
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI

### 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.

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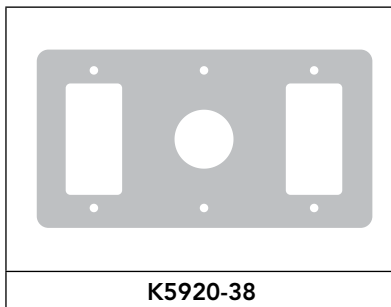
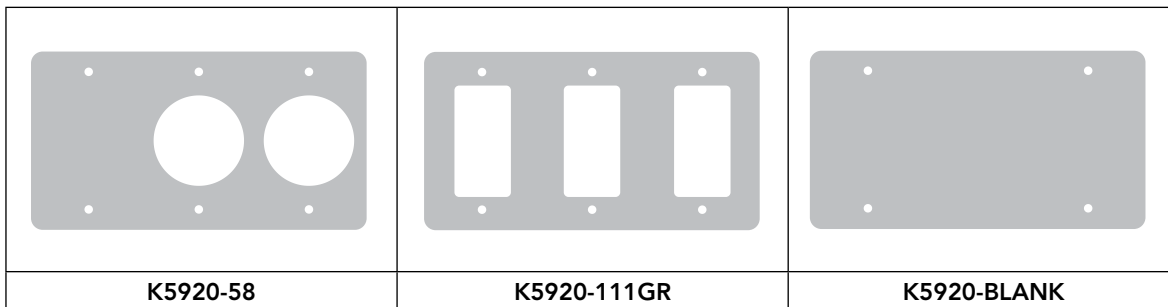
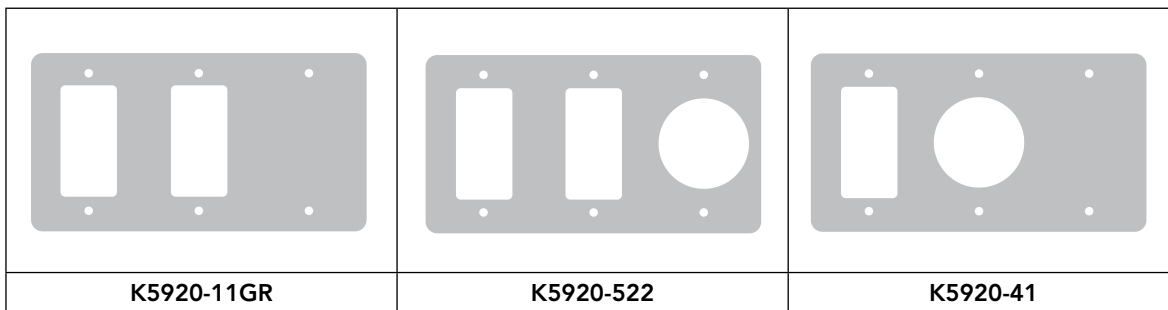
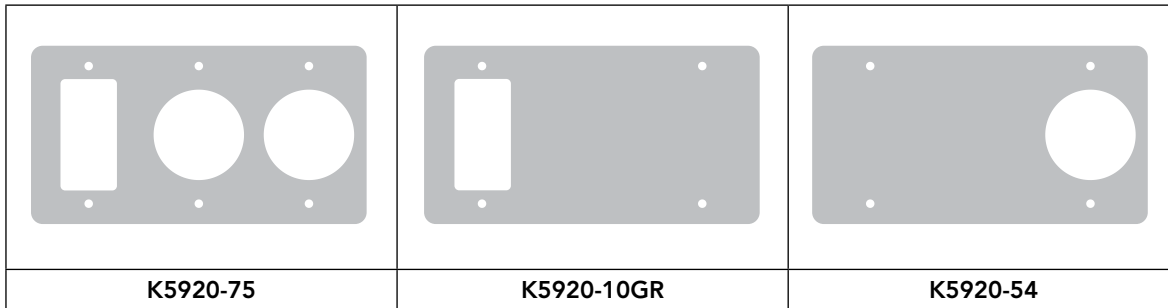


# 34

REPLACEMENT  
RECEPTACLE  
PLATES

# Replacement Receptacle Plates

*For Millennium Series Products*



## Notes

- For application details, consult factory.





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# Lighting Accessories


For Millennium Series Products

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

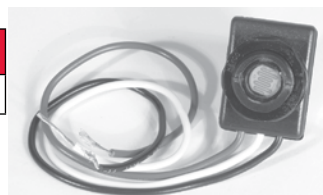
Application	Internal light kit for metered power outlets	
LED Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.  Cover on metered power outlet is 15¼" in height.	
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 15¼" in height.	
Ordering	Order with <b>-L</b> suffix (after catalog number) for factory installed.  Order catalog number <b>K5412</b> for field installed.	

## 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.	
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.




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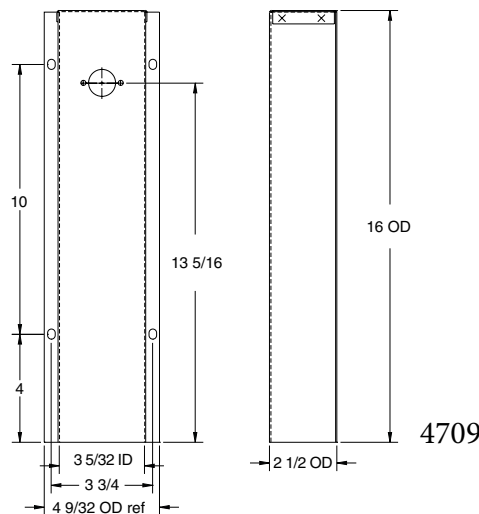


## Telephone and Cable TV Kit

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

## Water Shroud with Hardware

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

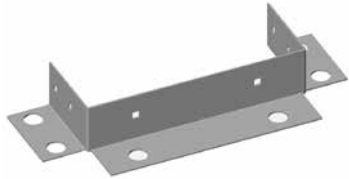


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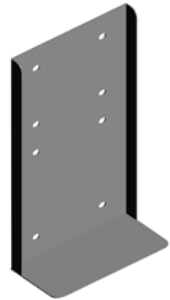
# Pedestal Mounting Accessories

For Millennium Series Products

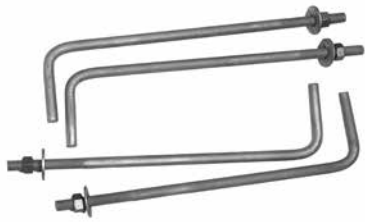
## Field-Installed Pad Mount Kit

<b>Application</b>	Field installed pad mount kit with (6) 3/4" mounting holes.	
<b>Features</b>	Includes 1/4-20 stainless steel hardware to attach pad mount base to post.  Anchor bolt kit sold separately (order catalog number <b>K5421</b> ).	
<b>Ordering</b>	Order catalog number <b>K5410</b> .	

## Stabilizer Foot with Hardware

<b>Application</b>	Stabilizes direct burial type posts in unstable soil conditions.	
<b>Features</b>	Includes 1/4-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals.	
<b>Ordering</b>	Order catalog number <b>K5415</b> .	

## Anchor Bolt Kit

<b>Application</b>	Concrete anchor bolt kit designed to attach pad mount base to concrete.	
<b>Features</b>	(4) sets of zinc-plated 5/8-11 x 10" bolt with 2" toe.  Includes nut and flat washer.	
<b>Ordering</b>	Order catalog number <b>K5421</b> .	


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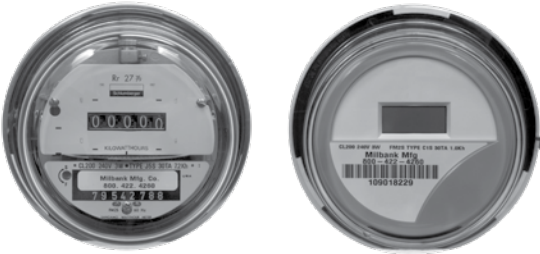
# Metering & Receptacle Accessories

For Millennium Series Products

## Field-Installed Meter Kits

<b>Application</b>	Field installed meter kit for <b>U5000</b> and <b>U5200</b> power outlets.	
<b>Features</b>	100 amp cast meter socket, <b>CL200 E-Z Read Meter</b> , sealing ring, security seal, 1" Milbank hub, nipple and mounting screws.  See CL200 for Watt-hour meter specification.	
<b>Ordering</b>	Order catalog number <b>K4800-01</b> mechanical meter kit, or K4800-D digital meter kit.	


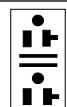


## E-Z Read Watt-Hour Meter

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

**CL200**  
Mechanical

**CL200-D**  
Digital

## Single Receptacle Only Power Outlet

<b>Application</b>	Overhead/underground power outlet receptacle, suitable for RV, temporary service, campground, marina and boat yard equipment.			
<b>Features</b>	Type 3R, 120/240 volt single phase.  Lockable cover.  Breaker not included (in receptacle box).			
<b>Ordering</b>	Order catalog number from chart below.			
<b>Receptacle Options</b>	 <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	

### WARNING!


Always disconnect power prior to installing these devices.




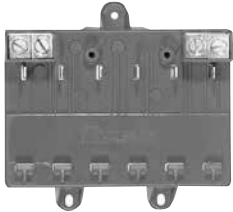

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# Replacement Parts & Accessories

For Millennium Series Products

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

Main Breaker Kit Part number	Metered/Unmetered Surface Mount/ Pedestal	amp
K5400-100MBM	Metered	100
K5400-100MBU	Unmetered	100
K5400-60MBM	Metered	60
K5400-60MBU	Unmetered	60

		
<b>Z918466-AC</b> Lug landing base	<b>Z917602-AC</b> Circuit breaker base (6-circuit)	<b>Z915141-AC</b> Left or right meter block assembly

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# 40

REPLACEMENT  
PARTS &  
ACCESSORIES

# Replacement Parts & Accessories

*For Millennium Series Products*

		
<b>Z918449-AC</b> (19" unmetered) <b>Z918447-AC</b> (15" metered) <i>Hinge cover</i>	<b>Z818052-SC</b> (19" unmetered) <b>Z818480-SC</b> (15" metered) <i>Deadfront</i>	<b>MR-2</b> <i>Snap action sealing ring</i>
		
<b>Z708080-MO</b> <i>20 amp GFI receptacle</i> NEMA 5-20GR	<b>Z701776-MO</b> <i>30 amp receptacle</i> NEMA TT-30	<b>Z708767-MO</b> <i>50 amp receptacle</i> NEMA 14-50R



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# Recreational Vehicles

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 Number	amp	Phase	Volts	Connectors CU/AL		Dimensions		
				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



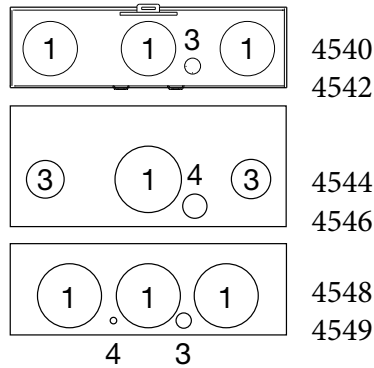
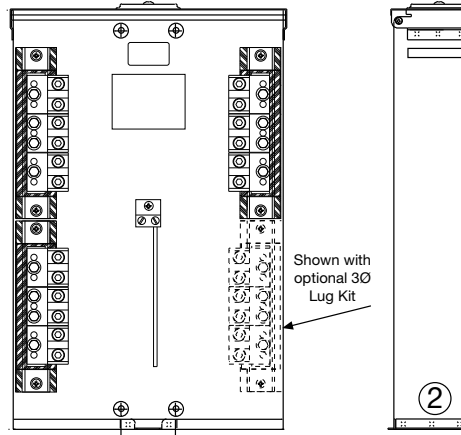
2-Pole Rating	10K AIC Plug-In	Package Quantity	Connectors CU/AL	
			Line	Load
100	UQFP-100	1	#3-#1 – #1-1/0	
125	UQFP-125	1	#3-#1 – #1-1/0	
150	UQFP-150	1	1/0-300 – 2/0-300	
175	UQFP-175	1	1/0-300 – 2/0-300	
200	UQFP-200	1	1/0-300 – 2/0-300	
225	UQFP-225	1	1/0-300 – 2/0-300	

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**U4540-XL**



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

Catalog Number	amp	Phase	Volts	Hub	1Ø to 3Ø Kit	Connectors CU7AL	Dimensions			Knockouts				
							D"	W"	H"	1	2	3	4	5
U4544-XL	100	1	120/240	C.P.	<b>K4543</b>	(6) #12-1/0	4½	9¼	18	—	2	2	1	¼, ½
U4546-XL	100	3	600	C.P.	<b>N/A</b>	(6) #12-1/0	4½	9¼	18	—	2	2	1	¼, ½
U4540-XL	200	1	120/240	C.P.	<b>K4539</b>	(6) #6-350	4½	14¼	23	—	1¼	2½	2½	¼, ½
U4542-XL	200	3	600	C.P.	<b>N/A</b>	(6) #6-350	4½	14¼	23	—	1¼	2½	2½	¼, ½
U4548-RXL	400	1	120/240	C.P.	<b>K4547</b>	(3) #6-350 or (2) #4-600	5	15½	27	3	3	3	¼, ½	¼
U4549-RXL	400	3	600	C.P.	<b>N/A</b>	(3) #6-350 or (2) #4-600	5	15½	27	3	3	3	¼, ½	¼

### Notes

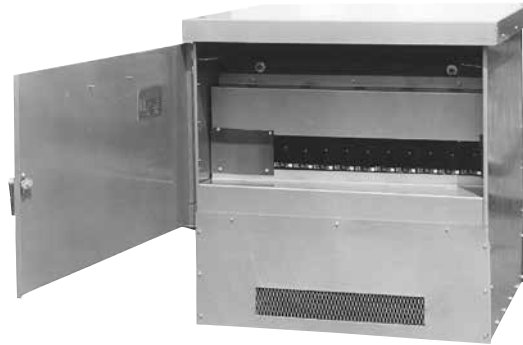
- **Hub:** Standard hub opening on top with closing plate attached.
- **Features:** UL Listed pad lockable Type 3R enclosure.
- **3Ø 120/240V application:** Field installable 3Ø lug kit converts 1Ø unit to 3Ø unit.



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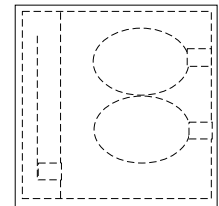
# Dry Type Transformers

With Distribution for RV & Mobile Home Park Applications



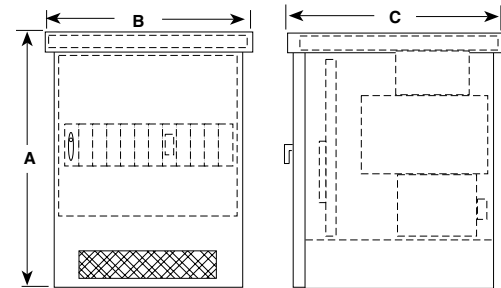
480 Volts to 120/240 Single Phase		
Catalog Number	KVA	Weight
10URMD*	100	1050 lbs.
16URMD*	167½	1400 lbs.
20URMD*	200	1650 lbs.
25URMD	250	1950 lbs.

Voltage	Dimensions		
	A	B	C
480V, A	48"	38"	40"
2400V, A	48"	41"	53"



\* 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.



## 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 53)

## Enclosure

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

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*Attractive | Easy to install | Secure | Cost-effective*

**Milbank Commercial Pedestals** 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. 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**



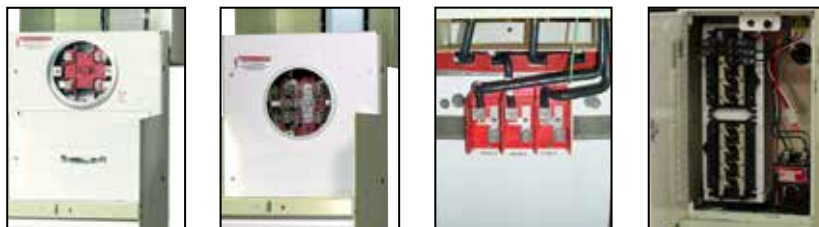
**Commercial pedestal**

## 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 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
- 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)

**Note**  
All meter form and bypass options available to meet utility requirements.



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# Commercial Pedestals

45

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

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**K3865**  
Fifth terminal kit for use with ringless meter sockets



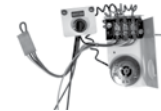
**CP-ABK5/8**  
Anchor bolt kit (includes four 5/8 - 13 x 18" anchor bolts)



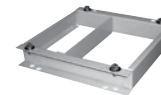
**105J**  
Fifth terminal kit for use with ring type meter sockets



**CP-TC7D**  
7-day time clock kit  
**CP-TC24H**  
24-hour time clock kit  
**CP-TCWIRE**  
Male 4-pin connector and wiring harness for use with time clocks other than above



**CP-PE-HOA-3POS**  
HOA switch for field installation



**CP-16PDMNT-CALT**  
16" pedestal mounting base  
**CP-24PDMNT-CALT**  
24" pedestal mounting base (includes mounting hardware)



### CP3B "ML" Series

Main Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads

The **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 ampere 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.



**CP3B11115A22**

#### Typical Applications

Remote site service for multiple loads.

Stocked Pedestals	Optional Fifth Terminal Kit	Main CB		Load Center Circuits	Meter Socket Type
		Amp	Spaces		
<b>CP3B51115A22</b>	K3865	100	1,2	16	Ringless socket with lever bypass
<b>CP3B52119A22</b>	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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# Commercial Pedestals

## Switched Load Center Series

### CP3B "SL" Series

Switched Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Milbank's 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 ampere 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.



**CP3B11110A22SL1**

#### Typical Applications

Traffic signals, parking lots, highways & athletic field lighting

Stocked Pedestals	Optional Fifth Terminal Kit	Main CB		Contactor Amperage	Meter Socket Type
		Amp	Spaces		
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

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# Commercial Pedestals

## CP3B "400" 400 Amp Series



**CP3B1411JB22**

### Typical Applications

Remote site service for residential and commercial job sites.

**Milbank's 400 Amp Commercial Pedestal** is 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-thru 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
<b>CP3B54120B22</b>	K3865	2-200 amp	(2) 12 circuit	Ringless with lever bypass
<b>CP3B5411JB22</b>	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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# Commercial Pedestals

## CP3B "IR" Irrigation Control Series



CP3B0281UMWIR04

Milbank's "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 30A fuse blocks possible

### Typical Applications

Power pedestal for irrigation systems or other pump control applications.

Stocked Pedestals	Exterior Cabinet	NEMA Rating
CP3B0281UMWIR04	White	4
CP3B0281UMWIR03	White	3
CP3B0181UMWIR02	White	2

### Notes

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

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# Commercial Pedestals

## CP3B "BBS" Battery Backup Series



**CP3B5111TCAWSP1**

### Typical Applications

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

**Milbank's 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 non-metered power distribution options are available. The back-up power pedestal is designed to handle the vast majority of today's 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 30A through 200A
- Pad lockable provision for receptacles
- Police access door
- Metered load center distribution
- Non metered 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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# Commercial Pedestals

## CP3B "Power Transfer" Series



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

### Features

- 120/240V 1Ø3W thru 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 Amp thru 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

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# Commercial Pedestals

## CP3BB "CT Metered" Series



### Milbank's 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 and 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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# Commercial Pedestals

## CP3A "Slimline" Series



Milbank's Slimline Series Commercial Pedestals provide a sleeker, smaller footprint and 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" (nonmetered) 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 a stabilizer foot to prevent leaning over time
- Pedestal and extension can be installed within 30 minutes

### Notes

- Currently only built in 14 guage steel
- Only available for 12" pedestals

### Typical Applications

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



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**UQFP  
UQFPH**



**UQFP-M  
UQFPH-M**



**UQFB-X1**



**UQFB-X**



**UQFB**

**200 amp Frame | Plug-In | 10,000 AIC & 22,000 AIC | Two-Pole - Common Trip**

amp	10K AIC Plug-In	22K AIC Plug-In	10K AIC Plug-In	22K AIC Plug-In	Wire Range	
					CU	AL
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
175	UQFP-175	UQFPH-175	UQFP-M-175	UQFPH-M-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

**200 amp Frame | Bolt-On | 10,000 AIC & 22,000 AIC | Two-Pole - Common Trip**

amp	10K AIC Bolt-On	22K AIC Bolt-On	10K AIC Bolt-On	22K AIC Bolt-On	Wire Range	
					CU	AL
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1	UQFBH-M-175	1/0-300	2/0-300
200	UQFB-200	UQFBH-200	UQFB-200-X1	UQFBH-M-200	1/0-300	2/0-300

### Notes

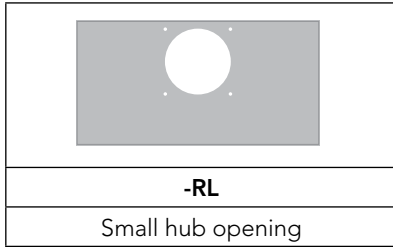
- **UL Listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications Split load tab features allow for feed-through capability.
- **UQFB:** (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).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



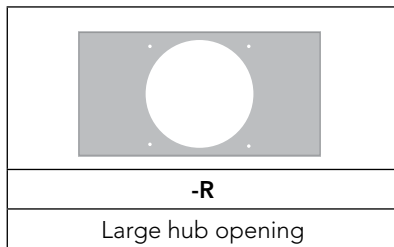
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

# Accessories

## Hubs and Closing Plates



<b>-WL</b>   <b>A7514</b>	<b>-YL</b>   <b>A7515</b>	<b>-ZL</b>   <b>A7516</b>	<b>-DL</b>   <b>A7517</b>	<b>-EL</b>   <b>A7518</b>	<b>-XL</b>   <b>A7551</b>
1" hub	1¼" hub	1½" hub	2" hub	2½" hub	Small closing plate



<b>-F</b>   <b>A8110</b>	<b>-G</b>   <b>A8111</b>	<b>-H</b>   <b>A8112</b>	<b>-X</b>   <b>A9064</b>	<b>-RRL</b>   <b>S8324</b>
3" hub	3½" hub	4" hub	Large closing plate	Large hub opening adapted to small hub opening

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## Connector Kits, Closing Kits and Sealing Rings

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

Single			Twin		
Suffix	Part #	(3 per set) - 1Ø	Suffix	Part #	(3 per set) - 1Ø
K1	<b>K1539</b>	6-350	K2	<b>K1350</b>	6-350
K3	<b>K1540</b>	4-600 or (2) 1/0-250	K2L	<b>K1350L</b>	6-350 (non rotating)
K3L	<b>K1540L</b>	4-600 or (2) 1/0-250 (non rotating)	K4	<b>K1541</b>	4-600
Suffix	Part #	(4 per set) - 3Ø	Suffix	Part #	(4 per set) - 3Ø
K5	<b>K3082</b>	6-350	K6	<b>K3442</b>	6-350
K7	<b>K3441</b>	4-600 or (2) 1/0-250	K8	<b>K3083</b>	4-600

### Bypass Link



**K8180** (sold in pairs)

### Closing Covers

Meter Closing Plate (Ring Type / Ringless)	Metal Closing Plate (For Ringless Sockets)
<b>6003</b> - Grey Plastic	<b>CP-21</b>
<b>6116</b> - Clear Plastic	

### Generator Interlock

<b>K5815</b> - large QN with small frame Q
<b>K5820</b> - large frame QN with large frame QN
<b>K5830</b> - small frame Q to small frame Q

### Sealing Rings

<b>MR-2</b> - Snap Action	<b>MR-4</b> - Screw Type (Stainless Steel)
<b>MR2-SS</b> - Stainless Steel	

### Touch-Up Paint



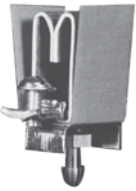



**A-GP** - Light Grey



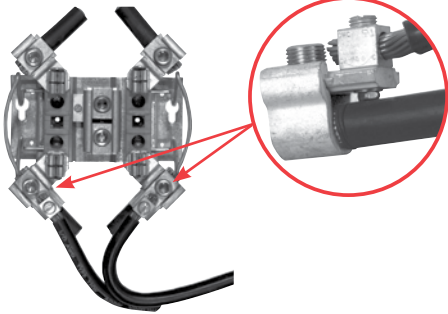
# Accessories

## Fifth Terminal and Tap Connectors

### Fifth Terminal

			
<b>5T8K2</b> - 100-200 amp "Plug-In"	<b>K5T</b> - 200 amp (Block with Square Hole)	<b>K3865</b> - Heavy Duty Jaw Clamping ( <b>K3866</b> without Neutral Wire)	This is for Condo metering Banks (125-200 amp) <b>K2381</b>

### Tap Connectors (3 per set)

	Replaces the load or line side slide-in nut assembly on Milbank 200 amp sockets. Allows for a 100 amp tap location in addition to the #6-350 kcmil load-side connector. <b>K5022</b> includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.
<b>K4977-INT</b> - Internal Hex	
<b>K4977-EXT</b> - External Hex	
<b>K5022-INT</b> - Internal Hex (set of 4 w/ barrier)	

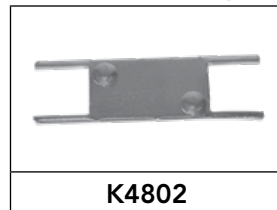
### Pedestal Extension Units

Catalog Number	D"	W"	H"
<b>S8988</b>	4½	8¾	15
<b>S3488</b>	6	11	15
<b>S2571</b>	4⅞	10	12
<b>S1848</b>	4⅞	13	15
<b>K4694</b>	6	9	24
<b>K5800</b>	4⅞	9	15

### Isolated Neutral Kit



### Anti-Inversion Clip



### Disconnect Sleeve



### Triplex Ground



\*Isolated neutrals are specific to the meter socket. Consult factory for correct isolated neutral.

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# Conduit, Ampacity & SCCR

## Reference Information

### MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

Type	Conductor Size (AWG/kcmil)	Conduit Trade Sizes (Inches)									
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
THHN, THWN, THWN-2	12	9	16	26	46	62	102	146	225	301	387
	10	6	10	17	29	39	64	92	142	189	244
	8	3	6	9	16	22	37	53	82	109	140
	6	2	4	4	12	16	27	38	59	79	101
	4	1	2	4	7	10	16	23	36	48	62
	3	1	1	3	6	8	14	20	31	41	53
	2	1	1	3	5	7	11	19	26	34	44
	1	1	1	1	4	5	8	12	19	25	35
	1/0	1	1	1	3	4	7	10	16	21	27
	2/0	0	1	1	2	3	6	8	13	18	23
	3/0	0	1	1	1	3	5	7	11	15	19
	4/0	0	1	1	1	2	4	6	9	12	16
XHH, XHHW, XHHW-2	4	1	2	4	7	10	16	24	37	49	63
	2	1	1	3	5	7	12	17	26	35	45
	1/0	1	1	1	3	4	7	10	16	22	28
	2/0	0	1	1	2	3	6	9	13	18	23
	4/0	0	1	1	1	2	4	6	9	12	16
	250	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	3	6	7	10
500	0	0	0	1	1	1	2	4	5	7	
750	0	0	0	0	1	1	1	3	4	5	

This table is for concentric stranded conductors only. For cables with compact conductors refer to NEC. Refer to latest NEC Code or Local Codes for updated requirements.

### SAMPLE RATING LABEL

**CATALOG NUMBERS U6962 & U5963**  
100A MAXIMUM, 120/240 VAC SINGLE PHASE, THREE WIRE  
RAINPROOF NEMA TYPE 3R

---

SHORT CIRCUIT CURRENT RATING IS 10,000 RMS SYMMETRICAL AMPERE AT 240 VAC MAXIMUM, BUT IS LIMITED TO THE LOWEST SHORT CIRCUIT CURRENT RATING OF ANY INSTALLED CIRCUIT BREAKER. WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT CURRENT RATING. REPLACEMENT CIRCUIT BREAKER MUST BE THE SAME TYPE AND RATING. USE SIEMENS CP, QT; CUTLER-HAMMER Q, 50, BR; SQUARE D HOMELINE; G.E. TO, THQ, THQL.

---

SUITABLE FOR USE AS RECREATIONAL VEHICLE SITE SUPPLY EQUIPMENT

---

UNDERGROUND FEED ONLY

---

ON  
TRIP  
OFF

TO RESET BREAKER MOVE TO "OFF" THEN TO "ON"

---

**DANGER**  
HAZARD OF ELECTRICAL SHOCK OR BURN  
**TURN OFF POWER**  
SUPPLYING THIS EQUIPMENT BEFORE WORKING INSIDE

---

WIRE TERMINAL INFORMATION USE AL-CU CONDUCTORS		
TERMINAL	WIRE RANGE	TORQUE LB-IN
LINE AND LINE NEUTRAL	350 kcmil - # 6	250
GROUND CONNECTOR	250 AWG - #14 AWG	120
LOAD NEUTRAL (LARGE HOLE)	14 - 10	35
	8	40
	6 - 4	45
LOAD NEUTRAL (SMALL HOLE)	3 - 1/0	50
	14 - 10	20
	8	25
	6	35

SHIPPING TENDS TO LOOSEN BOLTED CONNECTIONS. CHECK AND TIGHTEN ALL HARDWARE BEFORE ENERGIZING UNIT.

SIZE OF FIELD INSTALLED CONDUCTORS SHALL BE 60°C OR 75°C SIZED TO 60°C RATING FOR 110 AMPS OR LESS AND 75°C SIZED TO 75°C FOR 125 AMPS AND ABOVE.

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

*CU		AL or **Cu-Clad AL	
A	B	A	C
18	-	-	-
16	-	-	-
14	20†	-	-
12	25†	12	20†
10	35†	10	30†
8	50	8	40
6	65	6	50
4	85	4	65
3	100	3	75
2	115	2	90
1	130	1	100
1/0	150	1/0	120
2/0	175	2/0	135
3/0	200	3/0	155
4/0	230	4/0	180
250	255	250	205
300	285	300	230
350	310	350	250
400	335	400	270
500	380	500	310
600	420	600	340
700	460	700	375
750	475	750	385

A = Size: AWG/MCM  
 \*B = Ampere Rating for Insulation Types:  
**FEPW, RH, RHW, THW, THWN, XHHW, USE, 2W.**  
 \*\*C = Ampere Rating for Insulation Types:  
**RH, RHW, THW, THWN, XHHW, USE**  
 (Per NEC table 310-16)

#### AMPACITY CORRECTION FACTORS

AMBIENT TEMP.°C*	CORRECTION FACTOR	AMBIENT TEMP.°F*
21 - 25	1.05	70 - 77
26 - 30	1.00	78 - 86
31 - 35	.94	87 - 95
36 - 40	.88	96 - 104
41 - 45	.82	105 - 113
46 - 50	.75	114 - 122
51 - 55	.67	123 - 131
56 - 60	.58	132 - 140
61 - 65	.33	141 - 158

Overall ampere ratings of U/L listed Milbank multiple position meter sockets are based on 2008 N.E.C. Handbook Article 220-84 and ANSI / UL-414 (except where restricted by line connector size.) These requirements provide for a diversity factor / demand factor being utilized in determining the overall (main bus / lug) rating of a gang socket. All Milbank U/L listed gang sockets meet or exceed these diversity factor/demand factor requirements. Standard overall ampacity ratings for U/L listed and non U/L listed gang sockets are as shown in the chart below. Ampere ratings of meter sockets are based on the meter socket being wired with 75° C insulated wire conductor, sized in accordance with Table 310-16 of the National Electric Code.

#### GANG SOCKET OVERALL AMPACITIES

NO. OF METER POSITIONS	100A / POS. AMPACITY	125A / POS. AMPACITY	150A / POS. AMPACITY	200A / POS. AMPACITY
2	200A	200A	200A	200A #
3	200A	225A	225A	270A
4	200A	250A	270A	360A
5	225A	285A	338A	450A
6	270A	330A	396A	528A

† Unless otherwise permitted elsewhere in the Code, the overcurrent protection for conductor types marked with an obelisk (†) shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG, and 30 amps for 10 AWG copper; or 15 amps for 12 AWG and 25 amps for 10 AWG aluminum and copper-clad aluminum after any correction factors for ambient temperature and number of conductors have been applied.

# Some constructions are rated at 400 amps overall. Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.



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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

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\*

Nominal Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
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

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## Materials

### Steel Quality

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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

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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

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

### Aluminum Sheet

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

### Copper Sheet & Bus

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Electrolytic copper with tin plating in most applications.

### Insulating Materials

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- 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

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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

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Zinc-coated with a chromate dip.

## Ratings & Compliance

### Ratings & Compliance

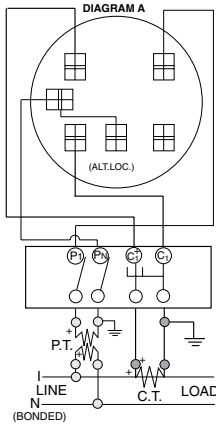
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All Milbank electrical enclosures in this catalog are rated "Type 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National 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).

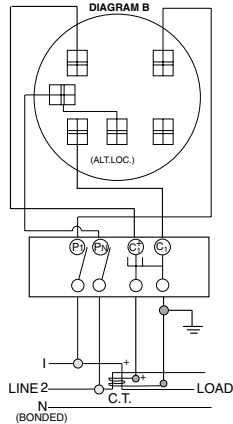


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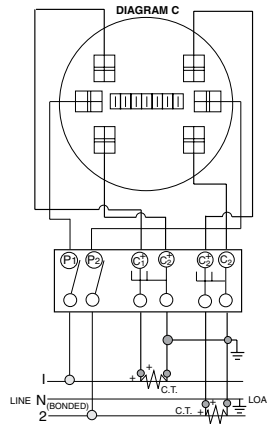
**DIAGRAM A**  
1Ø2W with 1 P.T. & 1 C.T.  
Single Stator Meter(2W1Ø) - Form 3S  
5T Socket, Test Switch #TS04-0101



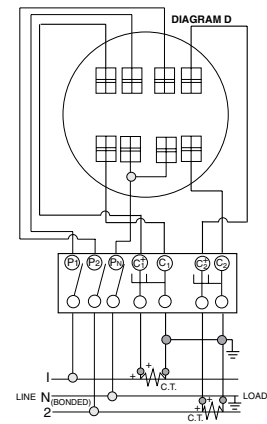
**DIAGRAM B**  
1Ø3W with 1 C.T.  
Single Stator Meter(2W1Ø) - Form 3S  
5T Socket, Test Switch #TS04-0101



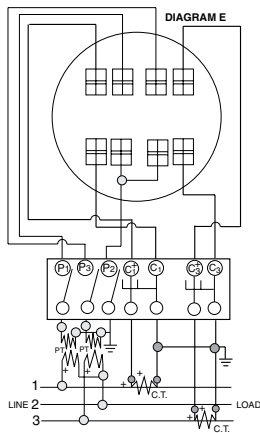
**DIAGRAM C**  
1Ø3W with 2 C.T.'s  
Single Stator Meter(3W1Ø) - Form 4S  
6T Socket, Test Switch #TS07-0105



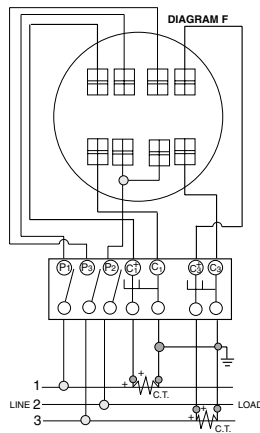
**DIAGRAM D**  
1Ø3W or 3W Network with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



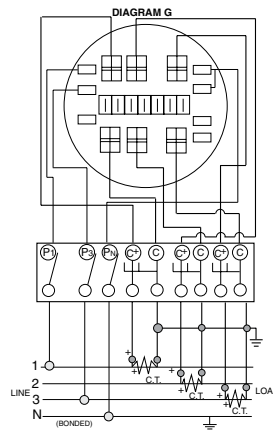
**DIAGRAM E**  
3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



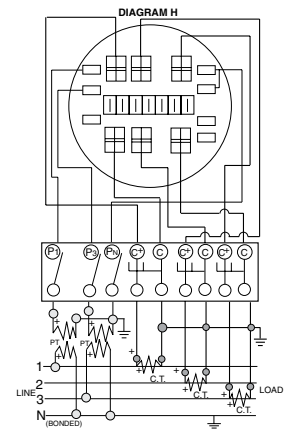
**DIAGRAM F**  
3Ø3W "Δ" with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



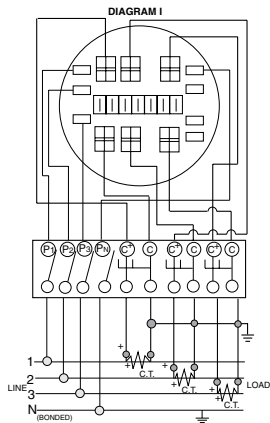
**DIAGRAM G**  
3Ø4W "Y" with 3 C.T.'s  
2 ½ Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



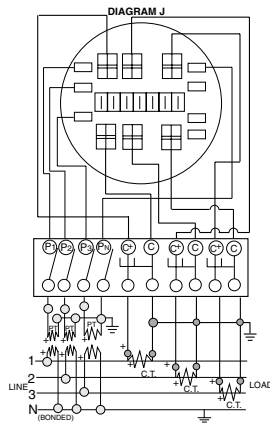
**DIAGRAM H**  
3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s  
2 ½ Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



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



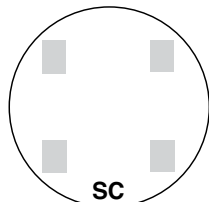
**DIAGRAM J**  
3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s  
3 Stator Meter - Form 9S  
13T Socket, Test Switch #TS10-0109



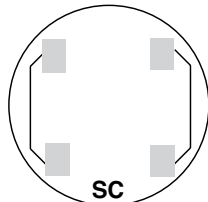
**Prewiring:** If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter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

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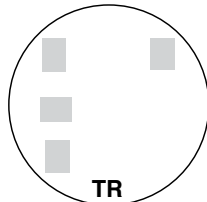




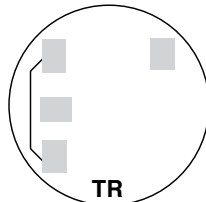
**SC**  
2 and 3-WIRE FORMS  
1S & 2S



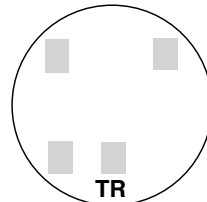
**SC**  
2 and 3-WIRE FORMS  
1S & 2S with BYPASS



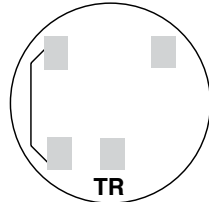
**TR**  
2-WIRE FORM 3S  
5th Term. 9 o'clock



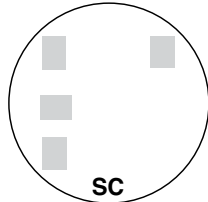
**TR**  
2-WIRE FORM 3S  
with BYPASS



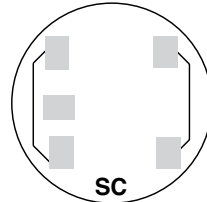
**TR**  
2-WIRE FORM 3S  
5th Term. 6 o'clock



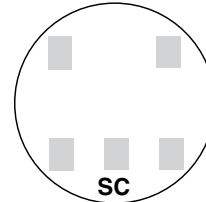
**TR**  
2-WIRE FORM 3S  
with BYPASS



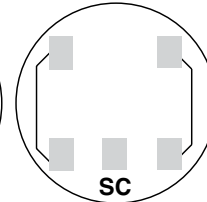
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 9 o'clock



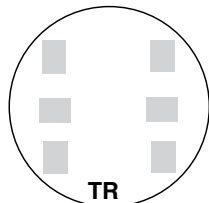
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 9 o'clock



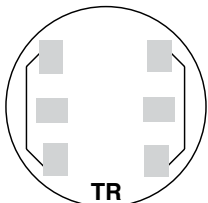
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 6 o'clock



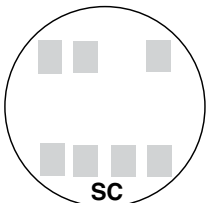
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 6 o'clock



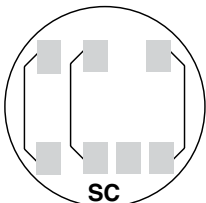
**TR**  
3-WIRE FORM 4S



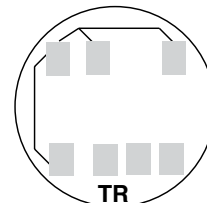
**TR**  
3-WIRE FORM 4S  
WITH BYPASS



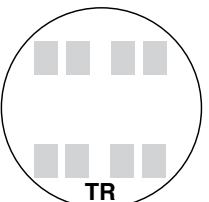
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 14S  
Δ FORM 15S



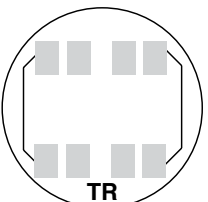
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
FORMS 14S & 15S  
with BYPASS



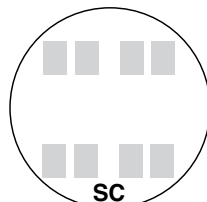
**TR**  
2 ELEMENT  
3Ø4W Y or Δ  
Y FORM 7S  
Δ FORM 24S  
with BYPASS



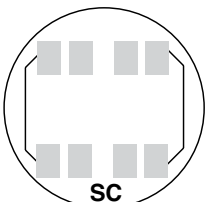
**TR**  
2 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 5S



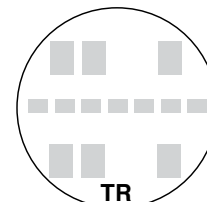
**TR**  
2 ELEMENT 2Ø3W,  
2Ø4W, 3Ø3W  
FORM 5S with  
BYPASS



**SC**  
2 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 13S

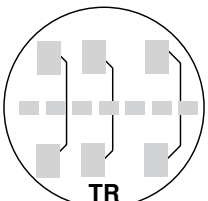


**SC**  
2 or 3 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 13S with  
BYPASS

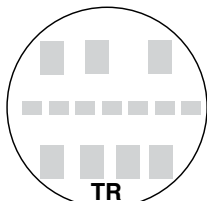


**TR**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 9S  
Δ FORM 8S

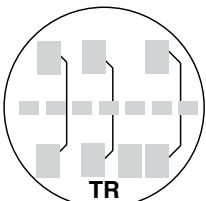
TR = TRANSFORMER RATED  
SC = SELF CONTAINED



**TR**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
FORMS 8S & 9S  
with BYPASS



**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S



**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S  
with BYPASS



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# Standard NEMA Configurations

Reference Information Only

## 2 Pole | 3 Wire | Grounding Receptacles

Straight Blade Wiring Devices				Twist-Lock Wiring Devices				
Volts	Code	15 amp	20 amp	30 amp	50 amp	15 amp	20 amp	30 amp
125	5							
		5-15R	5-20R	5-30R	5-50R	L5-15R	L5-20R	L5-30R
250	6							
		6-15R	6-20R	6-30R	6-50R	L6-15R	L6-20R	L6-30R
277 VAC	7							
		7-15R	7-20R	7-30R	7-50R	L7-15R	L7-20R	L7-30R

## 3 Pole | 3 Wire | Special Applications

Straight Blade Wiring Devices			Twist-Lock Wiring Devices		
Volts	Code	20 amp	30 amp	20 amp	30 amp
125V 250V	10				
		10-20R	10-30R	L10-20R	L10-30R

## 3 Pole | 4 Wire | Grounding

Straight Blade Wiring Devices				Twist-Lock			
Volts	Code	15 amp	20 amp	30 amp	50 amp	20 amp	30 amp
125V 250V	14						
		14-15R	14-20R	14-30R	14-50R	L14-20R	L14-30R

## 2 Pole | 3 Wire | Grounding | NEMA Trailer

Straight Blade Wiring Devices		
Volts	Code	30 amp
125V	TT	

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6003.....	56	CP-TC7D .....	44	K5920-41 .....	34
6116.....	56	CP-TCWIRE.....	44	K5920-522.....	34
105J.....	44	K1047 .....	57	K5920-54 .....	34
10URMD .....	43	K1190 .....	57	K5920-58 .....	34
10URMD24 .....	43	K1350 .....	23	K5920-75 .....	34
16URMD .....	43	K1350L .....	56	K5920-BLANK .....	34
16URMD24 .....	43	K1539 .....	23	K5T .....	57
20URMD .....	43	K1539 .....	56	K6213 .....	35
20URMD24 .....	43	K1540 .....	23	K8180 .....	56
25URMD .....	43	K1540 .....	56	MR-2 .....	40
25URMD24 .....	43	K1540L .....	56	MR-2 .....	56
323215-TC3RXA-SP1.....	27	K1541 .....	23	MR2-SS .....	56
5T8K2 .....	57	K1541 .....	56	MR-4 .....	56
708784-MO .....	39	K2381 .....	57	MS-144 .....	57
A7514 .....	12	K3082 .....	56	P-10GWR .....	38
A7514 .....	55	K3083 .....	56	P-13 .....	38
A7515 .....	12	K3441 .....	56	P-54 .....	38
A7516 .....	12	K3442 .....	56	Q120.....	39
A7516 .....	55	K3865 .....	44	Q130.....	39
A7517 .....	12	K3865 .....	57	Q250.....	39
A7517 .....	55	K3866 .....	57	S1848.....	57
A7518 .....	12	K4694 .....	57	S2571.....	57
A7518 .....	55	K4709-02 .....	36	S3488.....	57
A7551 .....	55	K4709-WS.....	36	S4664-X-8416 .....	16
A8110 .....	55	K4800-01 .....	38	S8324.....	55
A8111 .....	55	K4800-D .....	38	S8988.....	57
A8112 .....	55	K4802 .....	57	U1129-O-K3L-K2L .....	14
A9064 .....	55	K4977-EXT.....	57	U1252-X-K1 .....	22
A-GP .....	56	K4977-INT .....	57	U1253-X-K3 .....	22
AP2300-03.....	9	K5022-INT .....	57	U1254-X-K3 .....	22
AP2300-03-5T-AB .....	9	K5400-100MBM .....	39	U1256-X-K4 .....	22
AP2300-04.....	9	K5400-100MBU .....	39	U1797-O-K3L-K2L-BL .....	14
AP2300-08.....	9	K5400-60MBM .....	39	U1980-O .....	11
CL200 .....	38	K5400-60MBU .....	39	U2594-X.....	15
CL200-D .....	38	K5410 .....	37	U2671-O .....	12
CP-16PDMNT-CALT.....	44	K5412 .....	35	U2852-X.....	23
CP-21.....	56	K5413 .....	35	U2853-X.....	23
CP-24PDMNT-CALT.....	44	K5415 .....	37	U2854-X.....	23
CP3B51110A22SL1 .....	47	K5421 .....	37	U2855-X.....	23
CP3B51115A22 .....	46	K5800 .....	57	U2856-X.....	23
CP3B511IRASP .....	49	K5815 .....	56	U2862-X.....	23
CP3B52110A22SL1 .....	47	K5820 .....	56	U2863-X.....	23
CP3B52119A22 .....	46	K5830 .....	56	U2864-X.....	23
CP3B5411JB22.....	48	K5920-10GR .....	34	U2865-X.....	23
CP3B54120B22 .....	48	K5920-111GR.....	34	U2866-X.....	23
CP3B-AUX-1200 .....	41	K5920-11GR .....	34	U2881-WL-21 .....	26
CP-ABK5/8 .....	44	K5920-38.....	34	U3802 .....	6
CP-PE-HOA-3POS .....	44			U3812 .....	6



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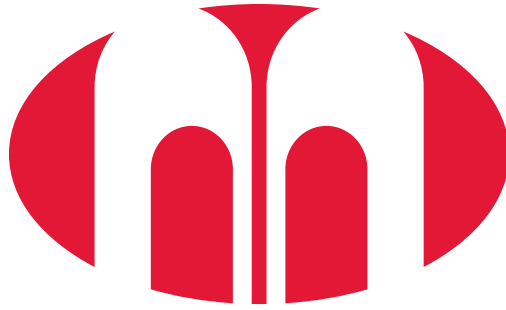
U3822-20GWR.....	7	U5892-X-2/200-BL.....	20	UQFBH-M-200.....	54
U3832.....	6	U5902-X.....	24	UQFP-100.....	41
U3862.....	6	U5903-X.....	24	UQFP-100.....	54
U4413-O-KK-BLG.....	11	U5904-X.....	24	UQFP-125.....	41
U4433-X-BL.....	14	U5905-X.....	24	UQFP-125.....	54
U4540-XL.....	42	U5906-X.....	24	UQFP-150.....	41
U4542-XL.....	42	U5971-XL-200.....	18	UQFP-150.....	54
U4544-XL.....	42	U6115-x-2/200-K7L.....	21	UQFP-175.....	41
U4546-XL.....	42	U6220-O-100-KK-10GR.....	30	UQFP-175.....	54
U4548-RXL.....	42	U6220-O-200-KK-10GR.....	30	UQFP-200.....	41
U4549-RXL.....	42	U6227-X-400.....	21	UQFP-200.....	54
U4667-X-8013.....	16	U6228-X-400.....	21	UQFP-225.....	41
U4881-O.....	8	U7017-DL-TG-LR.....	12	UQFPH-100.....	54
U4881-O-50GB.....	8	U7017-RL-TG.....	12	UQFPH-125.....	54
U4881-O-60GB.....	8	U7018-O-TG.....	12	UQFPH-150.....	54
U5000-XL.....	32	U7018-XL-TG.....	12	UQFPH-175.....	54
U5000-XL-41.....	32	U7021-DL-TG.....	11	UQFPH-200.....	54
U5000-XL-55.....	32	U7021-RL-TG.....	11	UQFP-M-100.....	54
U5000-XL-75.....	32	U7040-RL-TG.....	11	UQFP-M-125.....	54
U5059-X-2/200-K3L.....	20	U7040-XL-TG.....	11	UQFP-M-150.....	54
U5100-XL.....	32	U7423-RXL.....	13	UQFP-M-175.....	54
U5100-XL-41.....	32	U7487-RL-TG.....	10	UQFP-M-200.....	54
U5100-XL-55.....	32	U7490-RL.....	10	USE-22-200-MB.....	18
U5100-XL-75.....	32	U9701-RRL-BL.....	13	Z701776-MO.....	40
U5136-O.....	30	UA4667-XT-9504.....	16	Z703916-AC.....	17
U5136-O-100S.....	30	UAP6094-O-NES.....	28	Z703917-AC.....	17
U5136-O-200S.....	30	UAP6095-O-NES.....	28	Z703918-AC.....	17
U5137-O-200S.....	30	UAP6096-O-NES.....	28	Z703919-AC.....	17
U5168-XTL-100.....	19	UC7445-YL-421.....	26	Z703921-AC.....	17
U5168-XTL-100-KK.....	19	UQFB-100.....	54	Z704693-AC.....	17
U5168-XTL-200.....	19	UQFB-100-X1.....	54	Z704693-AC.....	17
U5168-XTL-200-KK.....	19	UQFB-125.....	54	Z704694-AC.....	17
U5200-XL.....	33	UQFB-125-X1.....	54	Z705420-AC.....	17
U5200-XL-41.....	33	UQFB-150.....	54	Z705456-AC.....	17
U5200-XL-55.....	33	UQFB-150-X1.....	54	Z708080-MO.....	40
U5200-XL-75.....	33	UQFB-175.....	54	Z708145-AC.....	17
U5300-O.....	33	UQFB-175-X1.....	54	Z708767-MO.....	40
U5300-O-41.....	33	UQFB-200.....	54	Z818052-SC.....	40
U5300-O-55.....	33	UQFB-200-X1.....	54	Z818480-SC.....	40
U5300-O-75.....	33	UQFBH-100.....	54	Z915141-AC.....	39
U5882-X.....	24	UQFBH-125.....	54	Z917602-AC.....	39
U5883-X.....	24	UQFBH-150.....	54	Z918447-AC.....	40
U5884-X.....	24	UQFBH-175.....	54	Z918449-AC.....	40
U5885-X.....	24	UQFBH-200.....	54	Z918466-AC.....	39
U5886-X.....	24	UQFBH-M-100.....	54		
U5890-X-2/200-BL.....	20	UQFBH-M-125.....	54		
U5891-X-2/200-BL.....	20	UQFBH-M-150.....	54		
U5891-X-2/200-MLK-BL.....	20	UQFBH-M-175.....	54		

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