

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



# Georgia/Alabama 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. Milbank's manual and automatic transfer switches are durable, easy to install and compatible with most generators.



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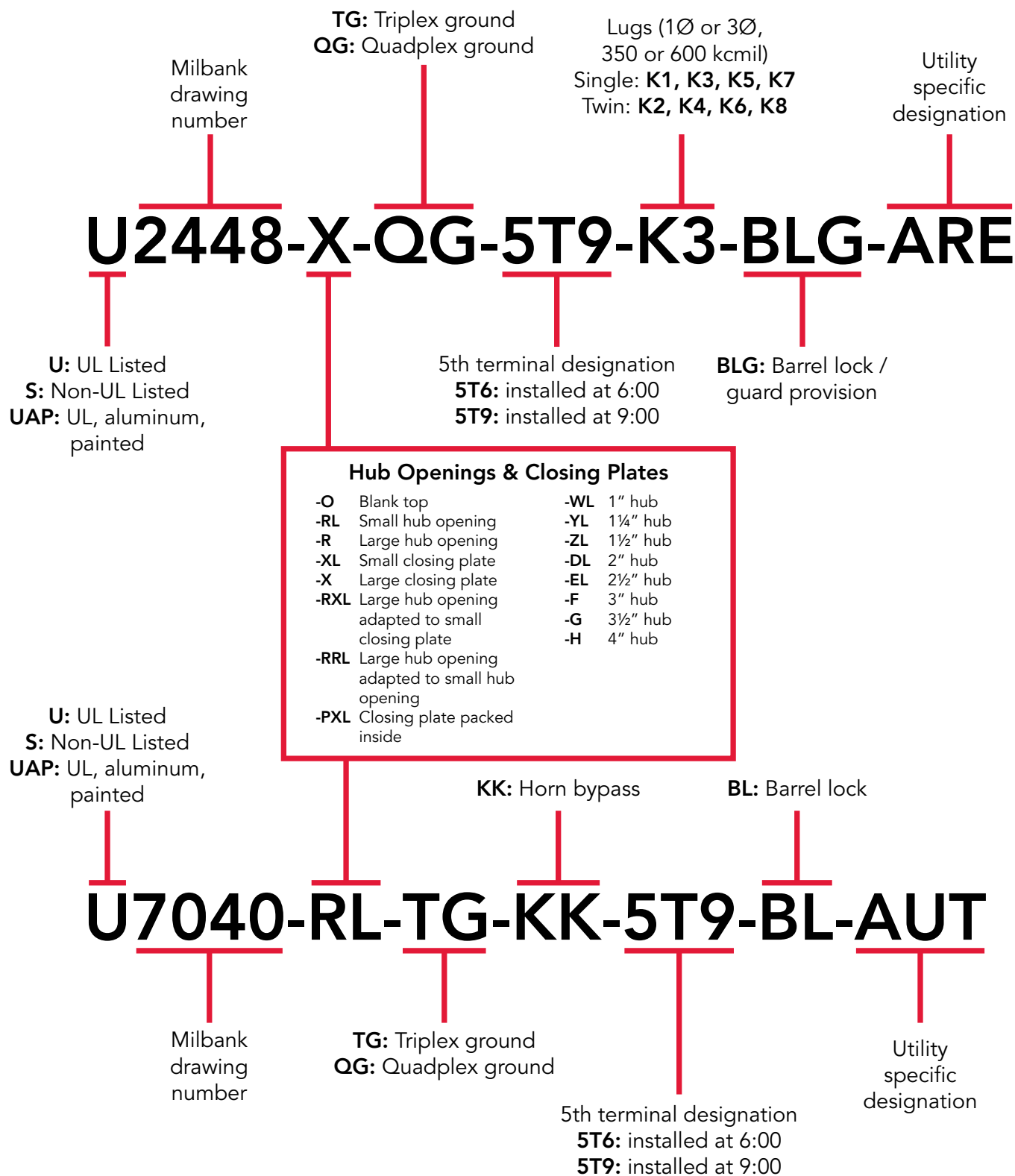


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# Catalog Number Logic

How our product catalog numbers are derived

5  
CATALOG  
NUMBER  
LOGIC



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# Air Conditioner Disconnects

30 & 60 amp | 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 amp | 1Ø 240 VAC | Air Conditioner Disconnects

Catalog Number	amp	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

60 amp | With 20 amp GFCI Receptacle

**7**  
AC  
DISCONNECTS



**U3822-20GWR**

## Specifications

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

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

Catalog Number	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>U3822-20GWR</b>	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4½	5¼	7½	60°/75°	60°/75°

## Notes

- **Disconnect Pullouts:** To ensure the safest conditions, Milbank disconnect pullouts are reversible so they may be reinstalled in the OFF position.
- **Padlock Provision:** All units are designed with a padlock provision on the cover for security.
- **\*In-Use Cover:** Cover is rated as an in-use cover (cover may be closed with cords plugged into receptacle).

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# Hot Tub Disconnects

## Type 3R Enclosures



**U4881-O-50GB**



**U4881-O-60GB**

### Specifications

- 240 volt ground fault protection
- UL listed, Type 3R rainproof enclosure
- 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

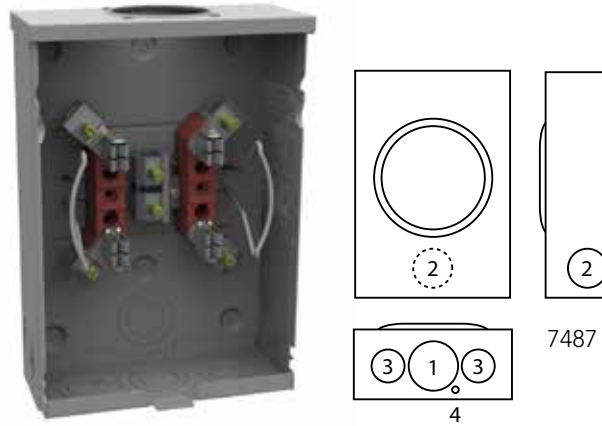
### 100 amp | Hot Tub Disconnect or Sub Panel Breaker Enclosure | Type 3R

Catalog Number	Breaker 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

125 amp | 4 Terminal | Ringless



U7487-RL-TG

125 amp | Single Position | 4 Terminal | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7487-YL-TG	OH	1¼	#6-2/0	#6-2/0	None	3⅝	8	11½	2	1½	1¼	¼
U7487-RL-TG	OH/UG	H.O.	#6-2/0	#6-2/0	None	3⅝	8	11½	2	1½	1¼	¼

## 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 **5T8K2**.
- **Connectors:** Extruded aluminum connectors are tin plated. Units are supplied with duplex neutral and triplex ground.

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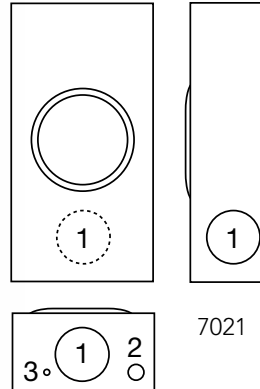


# Single Position Sockets

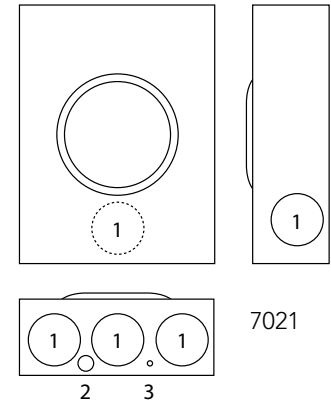
125 amp | 4 & 5 Terminal | Ringless | Horn Bypass



U7021-RL-TG



U7040-XL-TG



200 Amp | 4 Terminal | **Ringless**

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
			Line	Load		D"	W"	H"	1	2	3
U7021-RL-TG	OH	H.O.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$ , $\frac{1}{2}$	$\frac{1}{4}$
U7040-XL-TG	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$ , $\frac{1}{2}$	$\frac{1}{4}$

## 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**.
- **Connectors:** Extruded aluminum connectors are tin plated.

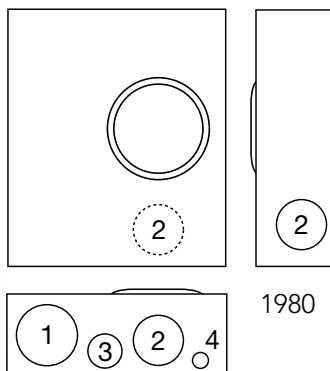
# Single Position Side Wireway

200 amp | 4 Terminal | Side Wireway | Ringless Horn bypass

**1 1**  
SINGLE POSITION  
SOCKETS



U1980-O



1980



U2569-O

200 Amp | 4 Terminal | Side Wireway | **Ringless**

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U1989-O	UG	Blank	#6-350	#6-350	None	4½	13	15½	3	2½	1½	¼, ½
U2569-O*	UG	Blank	¾" x 16 Studs*	#6-350	None	4½	13	19	3	2½	1½	¼, ½

## Notes

- **Fifth Terminal:** For field mounted fifth terminal order catalog number **5T8K2** for round opening, **K5T** for square opening.
- **Connectors:** Extruded aluminum connectors are tin plated.
- \*Line side supplied with 3/8" - 16 hex head nuts with Belleville washers. For connector kit, order as extra: **K1539** (350kcmil).

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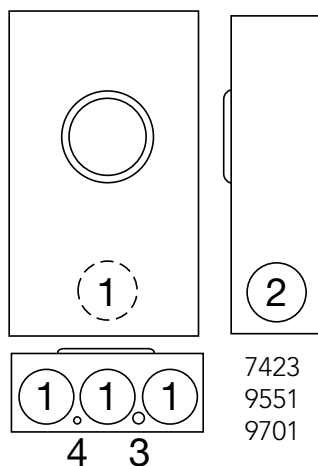


# Single Position Lever Bypass

200 Amp, 5 & 7 Terminal, Ringless, 600 VAC



U7423-RXL



U9701-RRL

200 Amp | 7 Terminal | **Ringless** | 3Ø4W | Medium Duty Bypass

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7423-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>

200 Amp | 5 & 7 Terminal | **Ringless** | 3Ø4W | Heavy Duty Bypass

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9551-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
U9701-RRL	OH/UG	H.O.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
UAP9701-X-QG-HSP*	OH/UG	H.O.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Insulated Neutral:** For field installed insulated neutral for catalog numbers **U9701** and **UAP9701** order kit number **K1047**.
- \*Aluminum construction: This unit is painted aluminum.
- **U7423:** Lever operates bypass device only; does not provide clamping action on meter spades.



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# Single Position Lever Bypass

320 Amp, 4 Terminal, Ringless, 600 VAC

**1 3**  
SINGLE POSITION  
SOCKETS



320 Amp | 4 Terminal | **Ringless** | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
<b>U1079-R**</b>	OH	H.O.	3/8" x 16 Stud	3/8" x 16 Stud	Lever	4 7/8	13	38 3/4	3	2 1/2	1/4, 1/2	1/4
<b>U1129-O-K3L-K2L</b>	UG	Blank	4-600 (1) 1/0-250 (2)	Twin #6-350	Lever	4 7/8	15	30	3	1/4, 1/2	1/4	—
<b>U1797-O-K3L-K2L</b>	UG	Blank	4-600 (1) 1/0-250 (2)	Twin #6-350	Lever	4 7/8	15	30	3	1/4, 1/2	1/4	—
<b>UAP1797-O-K3L-K2L*</b>	UG	Blank	4-600 (1) 1/0-250 (2)	Twin #6-350	Lever	4 7/8	15	30	3	1/4, 1/2	1/4	—
<b>U2448-X</b>	OH/UG	C.P.	3/8" x 16 Stud	3/8" x 16 Stud	Lever	6 1/2	17 3/4	34 1/8	4	3	1	1/4

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
  - **Bypass:** The lever supplies clamping action and also operates bypass device.
  - **Connectors:** Extruded aluminum connectors are tin plated. Stud type unit supplied with 3/8"-16 hex head nuts with Belleville washers. For connector kits, order as extra: For single **K1539** (350kcmil) or **K1540** (600kcmil). For twin lug connectors order as extra: **K1350** (350kcmil). Separate kits are required for both line and load.
- \*\*For connectors, see page accessories page, 2 sets required, 1 for line and 1 for load.
- \*Aluminum construction: This unit is painted aluminum.

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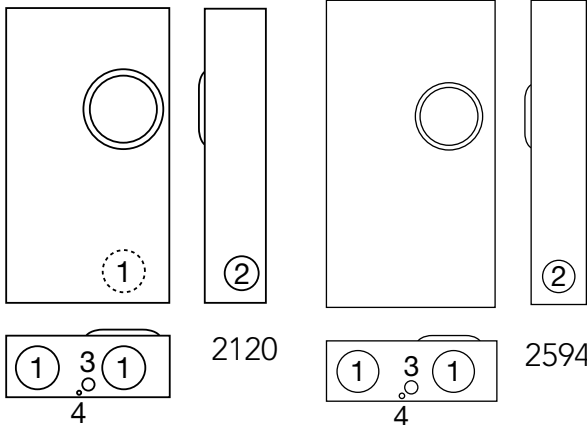


# Single Position Lever Bypass

320 Amp, 7 Terminal, Ringless, 600 VAC



U2120-X



U2594-X

320 Amp | Side Wireway | 7 Terminal | Ringless | 3Ø4W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U2120-X	UH	C.P.	3/8" x 16 Stud	3/8" x 16 Stud	Lever	6½	17¾	31¾	4	3	1	¼
U2594-X	OH/UG	C.P.	3/8" x 16 Stud	3/8" x 16 Stud	Lever	6½	17¾	34⅞	4	3	1	¼



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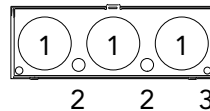
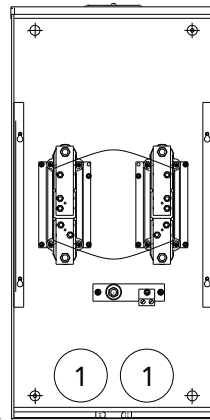
# Bolt-In Bypass Single Position

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

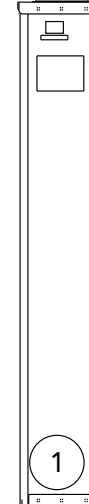
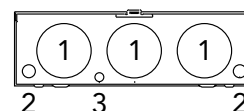
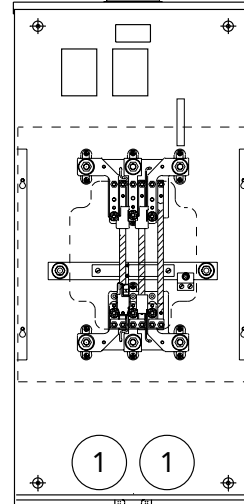
**15**  
SINGLE POSITION  
SOCKETS



U4664-X-8507



4664



4667

4 & 7 Terminal | **Ringless** | Overhead / Underground

Catalog Number	Phase	Hub	Connectors CU/AL		Dimensions			Knockouts				
			Line	Load	D"	W"	H"	1	2	3	4	5
U4664-X-8507	1	(1) Large C.P. (-X)	½"-20 Stud		6	17¾	36	4	4	4	½, ¾	¼
U4664-X-9507	1	C.P.	None		6	17¾	36	4	½, ¾	¼	—	—
UA4667-X-9504	3	C.P. (2)	½"-20 Stud		6	20¼	43	4	4	4	¼	½, ¾

## Notes

- **Application:** For use with 1Ø3W self-contained type MS-K watt-hour meters. For use with self-contained Type MT-K watt-hour meters on 3Ø4W wye or 4-wire delta services.
- **Capacity:** 480 amperes continuous / 600 amp max.
- **Terminals:** ½"-20 plated steel studs with nuts and captive Belleville washers to accommodate various bolt-on type lugs for conductors from #6 to 800 kcmil CU or AL.
- **Enclosure:** Constructed of 14 gauge galvanized steel suitable for indoor or outdoor installations. Ringless cover. **UA4667-X-9504** The meter is mounted on 6 studs using ⅝"-24 studs with nuts with captive Belleville washers. The upper studs are positioned so that the meter cannot be installed upside down. Use ½" insulated wrench. Another set of studs provides onsite out-of-service storage. Full travel meter opening slide plate eliminates the need for re-positioning the slide plate for the "IN" or "OUT OF SERVICE" position.
- **Blocks:** Glass fiber reinforced polyester plastic. High arc withstands strength and track resistant. Provisions for lightning arresters.
- **Connectors:** Phase and neutral connectors included on **U4667-X-9504** with ½"-20 studs require (8) connectors for line & load. For Lug connector kit explanation refer to chart on page 16.

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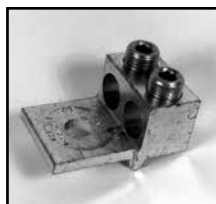


# Bolt-In Bypass Single Position

## Connector Kits



**Z703916-AC**



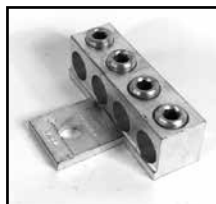
**Z703918-AC**



**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

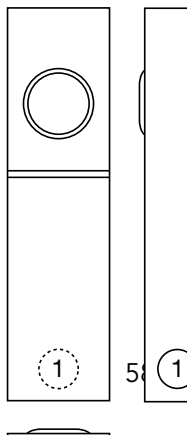
# Meter Main

100-200 Amp | 4 Terminal | Ringless | 120/240 VAC

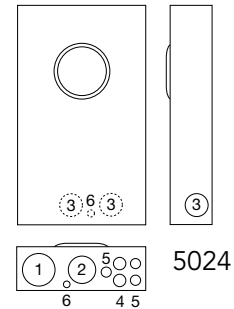
**17**  
100-200 AMP  
METER MAIN



U5842-RL-150-HSP



UAP5024-XL-FMG



100-200 amp | 4 Terminal | Ringless | Meter Main | 1Ø3W

Catalog Number	Material	Service	Hub	Connectors CU/AL - Line		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U5842-RL-100-HSP	Steel	OH/UG	C.P.	#6-350	CB	4½	14	30	2	1¼	¼
U5842-RL-150-HSP	Steel	OH/UG	C.P.	#6-350	CB	4½	14	30	2	1¼	¼
U5842-RL-200-HSP	Steel	OH/UG	C.P.	#6-350	CB	4½	14	30	2	1¼	¼

200 amp | 4 Terminal | Ringless | Meter Main Load Center | 1Ø3W

Catalog Number	Material	Service	Hub	Connectors CU/AL - Line		Dimensions			Knockouts					
				Line	Load	D"	W"	H"	1	2	3	4	5	6
UAP5024-XL-FMG	Aluminum	OH/UG	C.P.	#6-350	CB	4½	14⅞	24	3	2½	2	1	½, ¾	¼, ½

## Notes

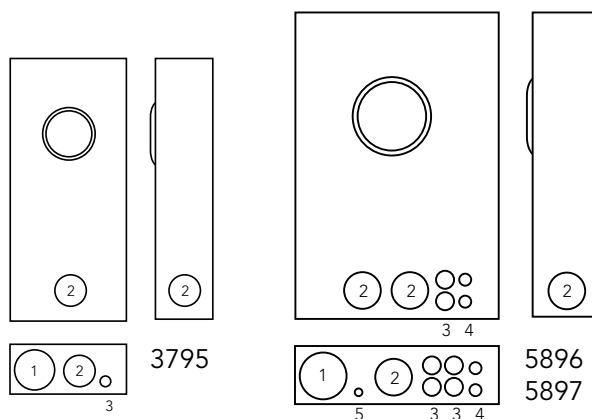
- **Wireway:** Provided with underground pull section wireway with removable cover.
- **UAP5024 Bussing:** Load side bus bars and circuit breaker interior are made from plated copper.
- **Breakers:** UAP5024 Breaker section has provision for six double pole "plug-in" type circuit breakers. All circuit breakers will be parallel. To comply with NEC wire bending space requirements the maximum breaker amperage is 200 amp restricted to 3/0 copper conductor.

## Breaker Chart for UAP5024

Manufacturer	Compatible Models	AIC Rating
Siemens	QN, QNR, QP	10K
Cutler-Hammer	BR, HQP, QPGF	10K
G.E.	TQL, THQL-GF	10K
Square D	Homeline	10K

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**U5896-PXL-200**

4 Terminal | Meter Main | **Ringless** | 1Ø3W

Catalog Number	Amps	Service	Hub	Connector CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
<b>U3795-XL-R-200</b>	200	OH/UG	C.P.	#6-350	#1-300	4 $\frac{7}{8}$	13	29	Large hub opening	2 $\frac{1}{2}$	$\frac{1}{4}$ , $\frac{1}{2}$	—	—
<b>U5896-PXL-200</b>	200	OH/UG	C.P.	#6-350	C.P.	4 $\frac{7}{8}$	17	34	3	2 $\frac{1}{2}$	1	$\frac{3}{4}$	$\frac{1}{4}$ , $\frac{1}{2}$
<b>U5897-PXL-200-SOCO</b>	200	OH/UG	C.P.	#6-350	#6-350	4 $\frac{7}{8}$	17	34	3	2 $\frac{1}{2}$	1	$\frac{3}{4}$	$\frac{1}{4}$ , $\frac{1}{2}$

## Notes

- **Hubs:** For proper hub selection refer to the hub suffix chart on the accessory page.
- **Breakers:** Bolt-on circuit breakers are factory installed.

## Branch Breaker Chart

AIC Rating	Amps	Siemens	Cutler Hammer	General Electric	Square D
10k	150-200	QNR	BR (150A only)	—	—
	≤ 125	QP	HQP, BR	THQL, THQL-GF	Homeline
22k	150-200	QNRH	—	—	—
	≤ 125	QPH	—	—	—

## Breaker Chart

Amps	Catalog Number	Breaker
200	<b>U5896-PXL-200</b>	<b>QN2200H</b>
200	<b>U3795-XL-R-200</b>	<b>UQFB-200-X1</b>



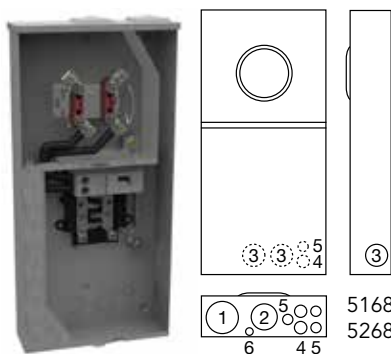
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# Meter Main With Load Center

100-200 Amp | 4 Terminal | Ringless

19

100-200 AMP  
METER  
MAINS WITH  
LOAD CENTER

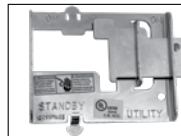


U5168-XTL-200



U5268-XTL-200-KK

## Generator Interlock



**K5815**  
Large QN  
with small  
frame Q

**K5820**  
Large frame  
QN with large  
frame QN

**K5830**  
Small frame  
Q to small  
frame Q

100-200 Amp | 4 Terminal | Meter Mains | OH/UG | 1Ø3W | Ringless

Catalog Number	Circuits	Bypass	Hub	Connectors CU/AL	Dimensions			Knockouts					
				Line	D"	W"	H"	1	2	3	4	5	6
U5168-XTL-100	10	None	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-100-KK	10	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-100-KK-5T	10	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150	8	None	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150-KK	8	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150-KK-5T	8	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200	8	None	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200-KK	8	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200-KK-5T	8	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-150	20	None	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-150-KK	20	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-200	20	None	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-200-KK	20	Horn	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½

## Notes

- **Hubs:** Supplied with two closing plates packed inside. Order hubs as a separate item. For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Breakers:** Rated 22K AIC with Milbank **QNR2200RH** main installed.
- **Main Breaker:** **U5168** available with 100-150 amp breakers, consult factory.
- **Sub Feed Lugs:** #6-350 sub feed lugs provided on 10 circuit interior. **Not available on 20 circuit interior.**
- **Horn Bypass:** **U5168**, **U5268** units are available with horn bypass, add -KK suffix.

## Branch Breaker Chart

AIC Rating	Amps	Siemens	Cutler Hammer	General Electric	Square D
10k	150-200	QNR	BR (150A only)	—	—
	≤ 125	QP	HQP, BR	THQL, THQL-GF	Homeline
22k	150-200	QNRH	—	—	—
	≤ 125	QPH	—	—	—

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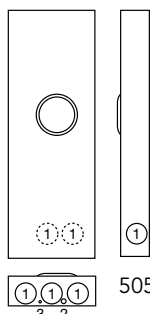


# Lever Bypass Meter Mains w/ 2/200A Breakers

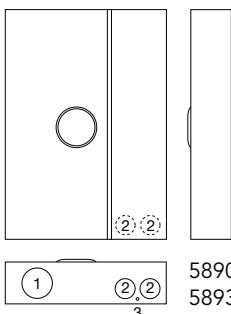
320 Amp | 4 & 7 Terminal | Ringless | Jaw Clamping



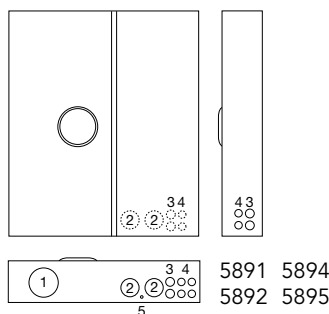
U5059-X-2/200



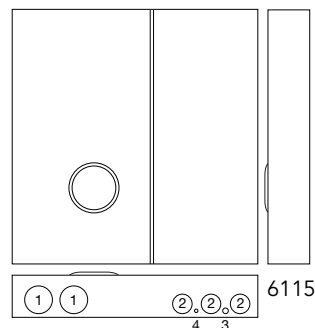
U5890-X-2/200



U5894-X-2/200



U6115-X-2/200-K7L



## 320 Amp | 4 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Branch Circuits	Dimensions			Knockouts				
			Line		D"	W"	H"	1	2	3	4	5
U5059-X-2/200-K3L	OH/UG	C.P.	#6-350	N/A	4 $\frac{7}{8}$	15	42	3	1 $\frac{1}{4}$ , 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5890-X-2/200	OH/UG	C.P.	#6-350	N/A	6	24 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5891-X-2/200*	OH/UG	C.P.	#6-350	12	6	29 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{4}$
U5892-X-2/200	OH/UG	C.P.	#6-350	24	6	29 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{4}$
U5893-X-2/200	OH/UG	C.P.	#6-350	N/A	6	24 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5894-X-2/200*	OH/UG	C.P.	#6-350	12	6	29 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{4}$
U5895-X-2/200	OH/UG	C.P.	#6-350	24	6	29 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{4}$

## 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	34 $\frac{1}{4}$	34	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$

## Notes

- **Short Circuit Current Rating:** 22K AIC at 120/240 Volts or 10K at 480 Volts.
- **Breakers:** All units come with two 200A main breakers.
- **Side Bussed Units:** U5893, U5894 and U5895.
- **\*Main Lug feed-through kit:** K3701- for factory installed order part number with -MLK.
- **Fifth Terminal:** For field mounted fifth terminal order catalog number K3865.

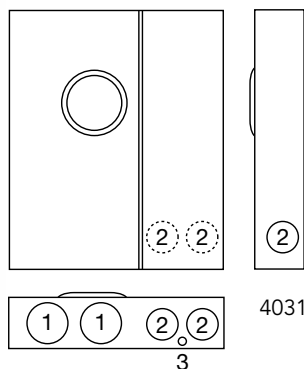
# Lever Bypass Meter Mains w/ 400A Breaker

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

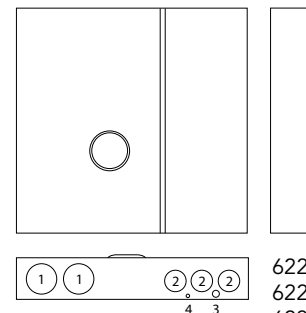
**21**  
320 AMP  
LEVER BYPASS  
METER MAIN



U4031-O-2/200



U6230-X-400-K7



## 320 Amp | 4 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connector CU/AL		Dimensions			Knockouts		
			Line	Load	D"	W"	H"	1	2	3
U4031-O-2/200	OH	Blank	3/8" x 16 Stud	#1/0-300	5 3/4	25	30	4	3	1/2

## 320 Amp | 4 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6227-X-400-K3	OH/UG	C.P.	600 kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4
*U6228-X-400-K3	OH/UG	C.P.	600 kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4

## 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
U6229-X-400-K7	OH/UG	C.P.	600 kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4
*U6230-X-400-K7	OH/UG	C.P.	600 kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4

## Notes

- **Short Circuit Current Rating:** 22K AIC at 120/240 Volts or 10K at 480 Volts
- **Side Bussing:** U6228 and U6230 have side bussing.

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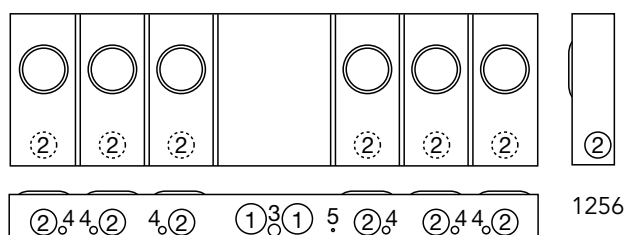
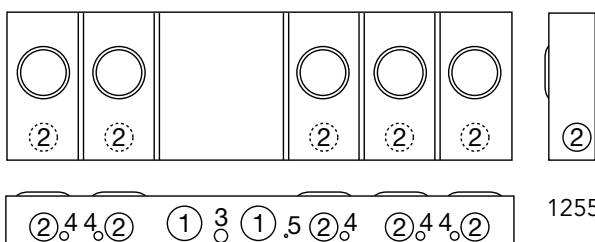
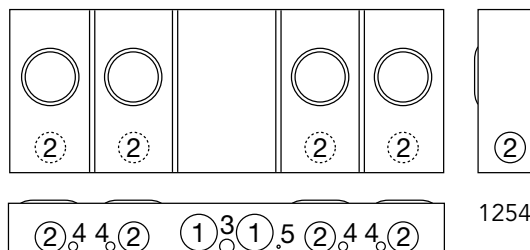
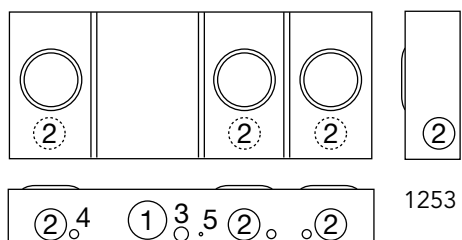
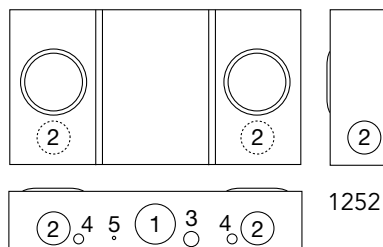


# Multi-Position Sockets

200 Amp | 4 Terminal | Ringless | 300 VAC



**U1254-X**



## 200 Amp per Position | 4 Terminal | Multi-Position | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
<b>U1252-X</b>	2	OH/UG	C.P.	3/8" x 16 Stud	#6-350	5 1/8	26 1/2	14	3	2 1/2	1	1/2	1/4
<b>U1253-X</b>	3	OH/UG	C.P.	3/8" x 16 Stud	#6-350	5 1/8	34 3/4	14	3	2 1/2	1	1/2	1/4
<b>U1254-X</b>	4	OH/UG	C.P.	3/8" x 16 Stud	#6-350	5 1/8	42 7/8	16	3	2 1/2	1	1/2	1/4
<b>U1255-X</b>	5	OH/UG	C.P.	3/8" x 16 Stud	#6-350	5 1/8	54 1/2	16	3	2 1/2	1	1/2	1/4
<b>U1256-X</b>	6	OH/UG	C.P.	3/8" x 16 Stud	#6-350	5 1/8	63 1/6	18	3	2 1/2	1	1/2	1/4

## Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories 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, order catalog number **K5T** (9 o'clock position).
- **Connectors:** Extruded aluminum connectors are tin plated.



# Multi-Position Meter-Main Sockets

125 & 200 Amp/Position | 4 Terminal | Ringless | 120/240 VAC

**23**  
125-200 AMP  
MULTI-  
POSITION  
METER MAIN



U2854-X



U2866-X

## 125 Amp Per Position | Multi-Position Sockets | Ringless

Catalog Number	Amps Per Position	Positions	Main Bus Rating	Line Connector Size	Dimensions		
					D"	W"	H"
U2852-X	125	2	200 Amp	3/8" x 16 Stud*	5 13/16	18	25
U2853-X	125	3	200 Amp	3/8" x 16 Stud*	5 13/16	18	37
U2854-X	125	4	400 Amp	3/8" x 16 Stud*	4 7/8	31	25
U2855-X	125	5	400 Amp	3/8" x 16 Stud*	4 7/8	31	37
U2856-X	125	6	400 Amp	3/8" x 16 Stud*	4 7/8	31	37

## 200 Amp Per Position | Multi-Position Sockets | Ringless

Catalog Number	Amps Per Position	Positions	Main Bus Rating	Line Connector Size	Dimensions		
					D"	W"	H"
U2862-X	200	2	250 Amp	3/8" x 16 Stud*	5 13/16	21	29
U2863-X	200	3	300 Amp	3/8" x 16 Stud*	5 13/16	21	41
U2864-X	200	4	400 Amp	3/8" x 16 Stud*	4 7/8	36	29
U2865-X	200	5	600 Amp	3/8" x 16 Stud*	4 7/8	36	41
U2866-X	200	6	600 Amp	3/8" x 16 Stud*	4 7/8	36	41

### 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

### Breaker Chart

Manufacturer	125-200 Amps	125 Amps or Less
Cutler Hammer	BR, BJ	Quicklag P, BR, HQP
Siemens	QNR	QP
Siemens/Murray	MD	MP
G.E.	Q Line	Q Line
Square D	—	Homeline

### Notes

- **Connectors:** For line wire connector kits, order separately.
- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K2381**. Order one per meter position.
- **Breakers:** Units have provision for one double pole main per meter position. Breakers not included.
- **Short Circuit Current Rating:** 10K 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.
- **Knockouts:** See next page for drawings and knockout configurations.
- **Horn Bypass :** Available, add -KK suffix

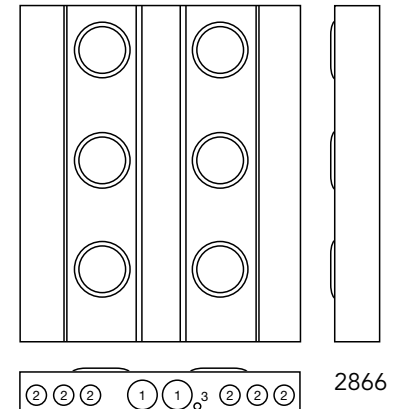
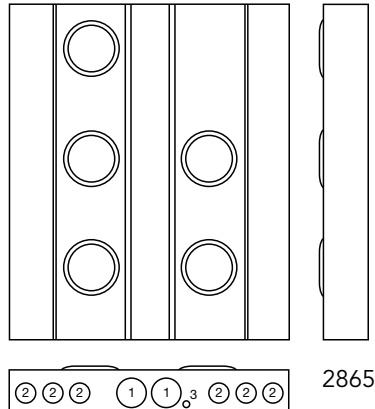
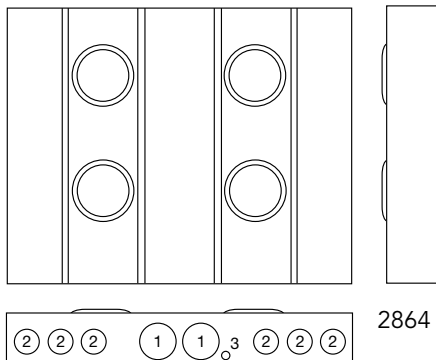
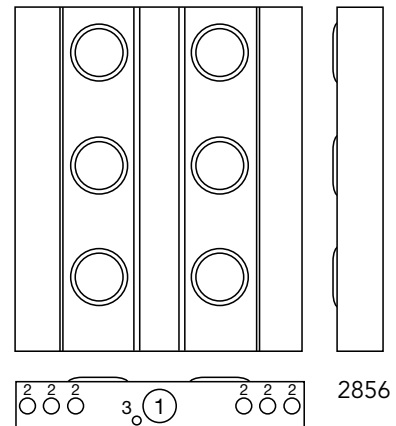
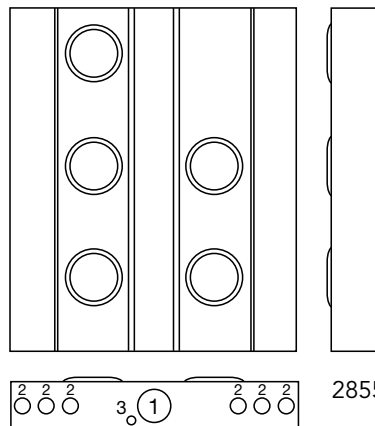
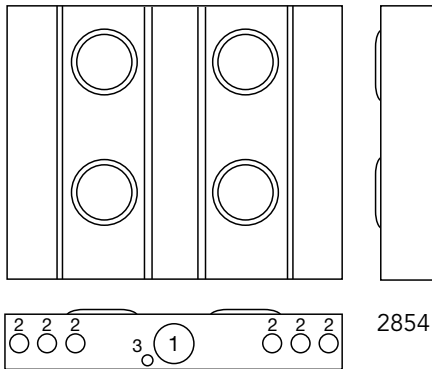
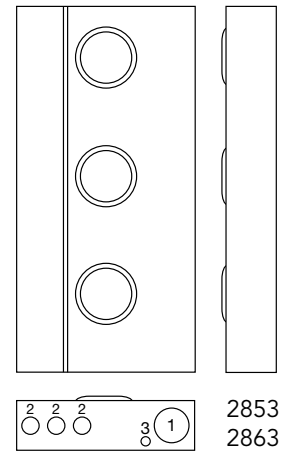
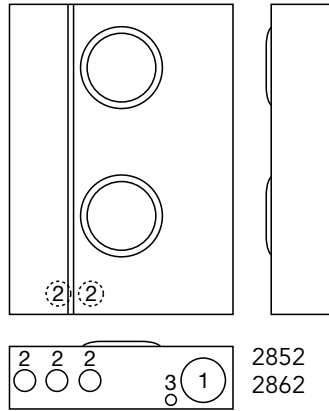
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# Multi-Position Meter-Main Sockets

## Knockout Information

Catalog Number	Knockouts		
	1	2	3
U2852-X	3	1¼	¼, ½
U2853-X	3	1¼	¼, ½
U2854-X	3	1¼	¼, ½
U2855-X	3	1¼	¼, ½
U2856-X	3	1¼	¼, ½
U2862-X	3	2	¼, ½
U2863-X	3	2	¼, ½
U2864-X	3	2	¼, ½
U2865-X	3	2	¼, ½
U2866-X	3	2	¼, ½



# Multi-Position Meter Mains

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

**25**  
125-200 AMP  
MULTI-  
POSITION  
METER MAINS



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 5/8	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 5/8	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, QPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amps	—	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

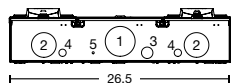
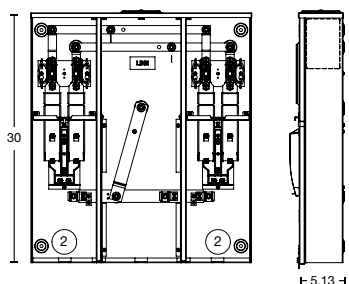
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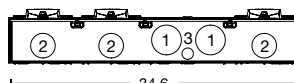
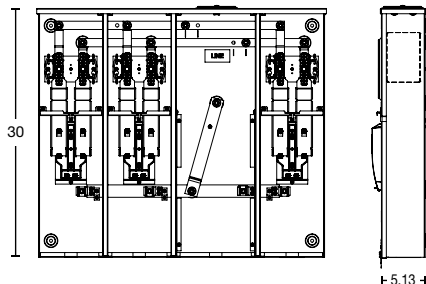
# Multi-Position Meter Mains

## U5902 & U5882 Series Knockout information

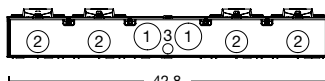
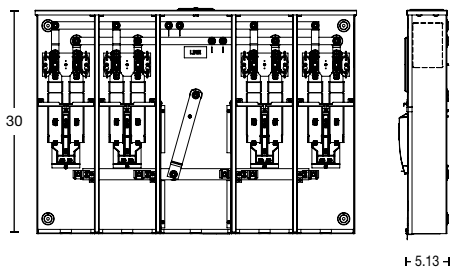
Knockouts				
1	2	3	4	5
3	2½	1	7⁄8	¼



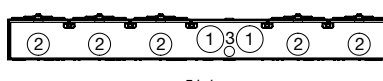
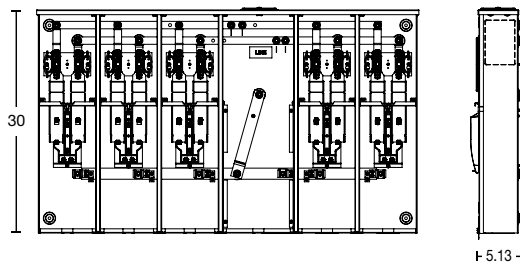
5882  
5902



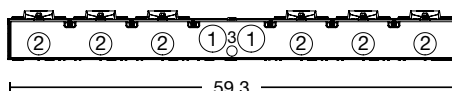
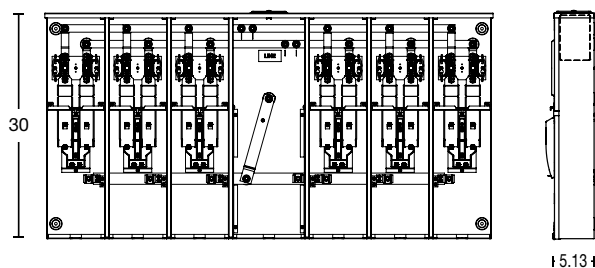
5883  
5903



5884  
5904



5885  
5905



5886  
5906

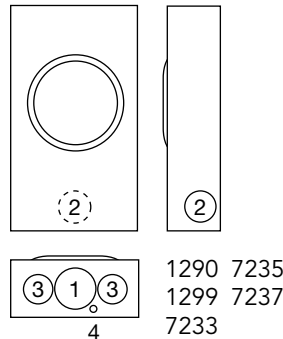
# Transformer Rated

20 Amp | 5-13 Terminals | No Test Switch Provision

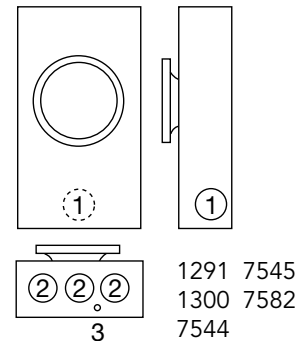
**27**  
20 AMP  
TRANSFORMER  
RATED



UC7237-RL



UC7582-XL



20 Amp | Ringless | **Plunger Bypass** | Overhead / Underground Service

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
UC1290-XL	5	C.P.	3S	#14 - #10	3 $\frac{5}{16}$	8	14	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$
UC1299-XL	6	C.P.	4S	#14 - #10	3 $\frac{5}{16}$	8	14	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$
UC7233-XL	7	C.P.	7, 14, 15 & 24S	#14 - #10	3 $\frac{5}{16}$	8	14	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$
UC7235-XL	8	C.P.	5S	#14 - #10	3 $\frac{5}{16}$	8	14	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$
UC7237-XL	13	C.P.	6, 8, 9S & (ALT) 10S	#14 - #10	3 $\frac{5}{16}$	8	14	2	1 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}$

## Notes

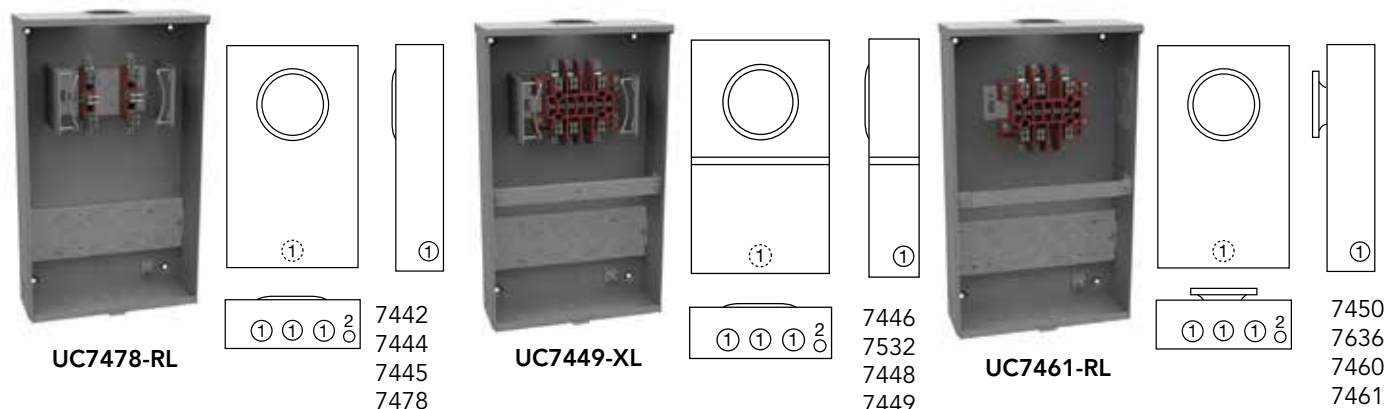
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** Plunger type bypass automatically closes when meter is removed.

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.



# Transformer Rated

20 Amp | 5-13 Terminals | Test Switch Provision



## 1 Piece Cover | Ringless | Overhead / Underground | with test switch provision\*

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7442-RL	5	H.O.	3S	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7478-RL	6	H.O.	4S	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7444-RL	8	H.O.	5S	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7445-RL	13	H.O.	6, 8, 9 & (ALT) 10S	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2

## 2 Piece Cover | Overhead / Underground | with test switch provision\*

Ringless Catalog Number	Terminals	Hub	Connectors CU	Bypass	Dimensions			Knockouts	
					D"	W"	H"	1	2
UC7446-RL	5	H.O.	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7532-RL	6	H.O.	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7448-RL	8	H.O.	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2
UC7449-RL	13	H.O.	#14 - #4 Max	None	4 1/8	12	20	1 1/4	1/4, 1/2

## Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Sealing Rings:** Ring type units are supplied with one MR-2, snap type, sealing ring.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the general engineering section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. 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 "S" (i.e. UC7445-XL becomes S7445-XL). The "S" prefix also designates non-U/L.
- **\*Test Switch Cover:** Units on this page are not designed for use with test switch covers.

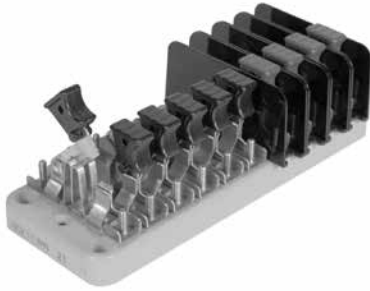


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# Milbank Test Switches

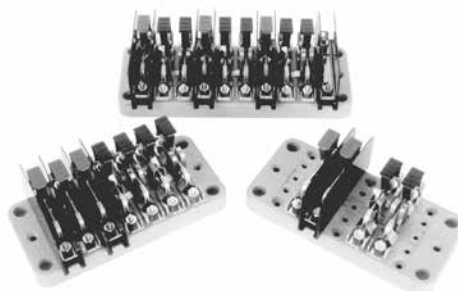
4, 7, & 10 Pole

**29**  
CURRENT  
TRANSFORMER  
TEST SWITCHES



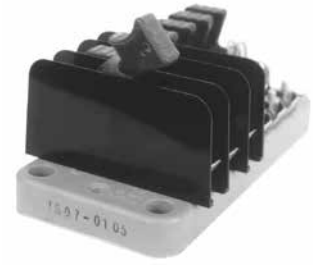
## SWITCH BLADES

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



## TEST SWITCH BASE

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



## POLARITY BARRIER

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

## TEST SWITCH COVERS

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

## SWITCH JAWS

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

## CURRENT CARRYING PARTS

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

## STANDARD COVER



K3388

Units must be  
5-1/8" deep  
for Cover

## FLUSH MOUNT COVER BLACK



K3388-BLK-FL

## Notes

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

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

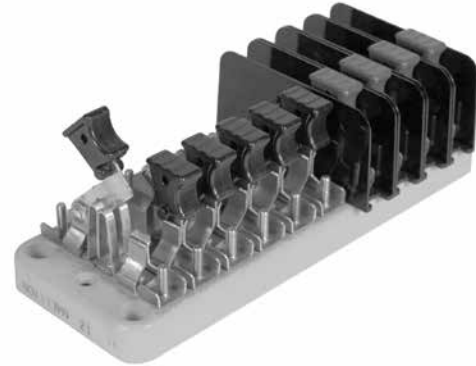
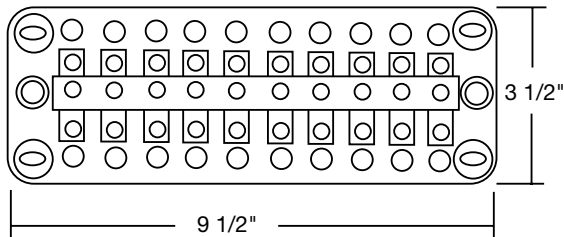
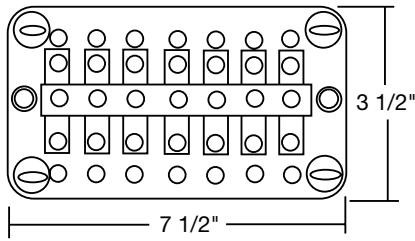
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# Current Transformer Test Switches

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



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

Catalog Number	4-Pole						
TS04-0101	X	P	Pn	X	C+	C	X
TS04-0104	X	C+	C	X	P	Pn	X

Catalog Number	7-Pole						
TS07-0105	P	P	Pn	C+	C	C+	C

Catalog Number	7-Pole on a 10-pole base								
TS07-0049	P	X	P	X	Pn	X	C+	C	C+
TS07-0106	X	P	C+	C	P	C+	C	Pn	X

## CUSTOM POLE ARRANGEMENTS

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

Catalog Number	10-Pole								
TS10-0109	P	P	P	Pn	C+	C	C+	C	C+
TS10-0110	P	C+	C	P	C+	C	P	C+	Pn
TS10-0111	P	P	P	Pn	C	C+	C	C+	C
TS10-0112	C+	C	C+	C	C+	C	P	P	Pn
TS10-0016	P	P	P	PN	C	C+	C	C+	C

# Milbank Test Switch Worksheet

**31**  
CURRENT  
TRANSFORMER  
WORKSHEET



## TEST SWITCH BASE

The base is molded from a high strength, fiberglass reinforced, thermoset polyester. This material is track-resistant, flame-retardant and has low water absorption qualities. Bases are available in two standard sizes following NEMA mounting classifications.

Customer Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/Email: \_\_\_\_\_ / \_\_\_\_\_

### Handle Color Key

<b>BK</b>	Black	<b>P</b>	Purple	<b>Y</b>	Yellow	<b>GN</b>	Green
<b>R</b>	Red	<b>BL</b>	Blue	<b>W</b>	White	<b>BKS</b>	BK/Stripe
<b>BR</b>	Brown	<b>GR</b>	Grey	<b>O</b>	Orange	<b>WS</b>	W/Stripe

### Pole Position Chart

1	2	3	5	6	7	8	9	10

### Special Features

Features	1	2	3	5	6	7	8	9	10

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

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

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

#### Number of Poles

- ☐ 4  
☐ 7  
☐ 10  
☐ Other \_\_\_\_\_

#### Test Switch Cover\*

- ☐ Yes    ☐ Clear    ☐ Black  
☐ No

#### Base Size

- ☐ 7-Pole  
☐ 10-Pole

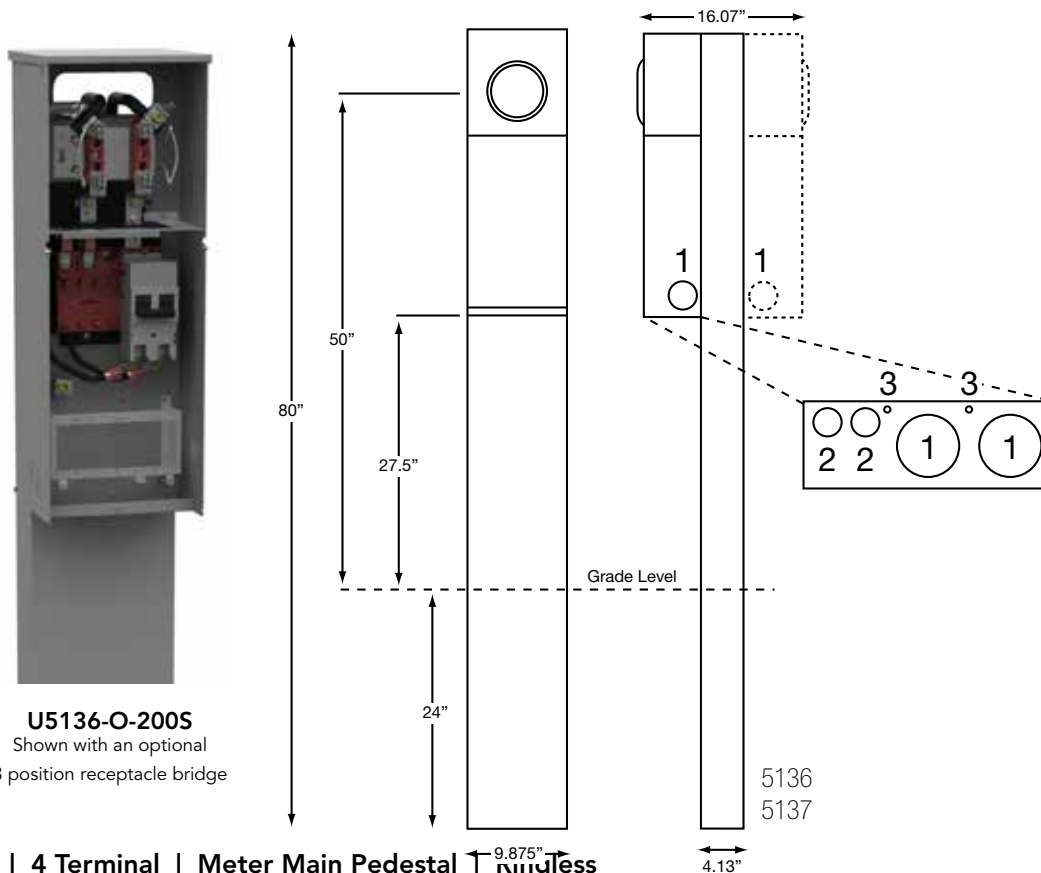
\* Test switch covers are only available for 10-pole bases.

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# Meter Main w/ Load Center Pedestal

100-200 Amp | 4 Terminal | Ringless



100-200 Amp | 4 Terminal | Meter Main Pedestal

Catalog Number	Service	Meter Positions	Bypass	Connectors CU/AL		Knockouts		
				Line	Load	1	2	3
U5136-O-100S	UG	Single	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5136-O-200S	UG	Single	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-100S	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-200S	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5138-O-100S*	UG	Single	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5138-O-200S*	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5139-O-100S*	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5139-O-200S*	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4

## Notes

- **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.
- **\*Pad Mount** – Use pad mount kit part number **K5035**

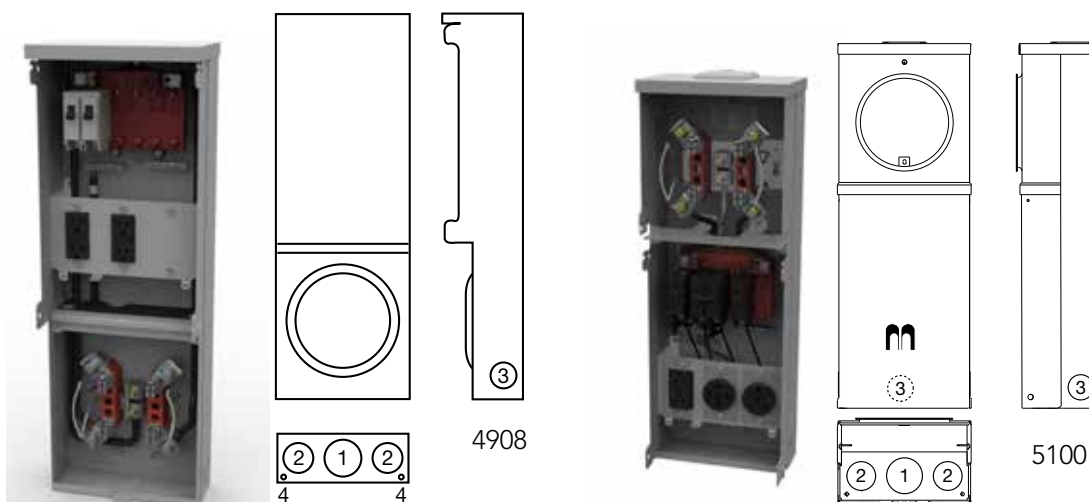


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# Temp Power

100 Amp | 4 Terminal | 240 VAC

**33**  
TEMP POWER



U4908-O-11GR

U5101-XL-75

## 100 Amp Meter Main with Breakers | 1Ø3W | Ringless | 120/240 VAC

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U4908-O-11GR	UG	None	6 -2/0 AWG	Breaker	None	13 <sup>5</sup> / <sub>16</sub>	9	25 <sup>5</sup> / <sub>16</sub>	2	1½	1¼	¼

## 100 Amp Meter Main with Breakers | 1Ø3W | Ringless | 120/240 VAC

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U5101-XL-75	OH	C.P.	6-250 kcmil	Breaker	None	13 <sup>5</sup> / <sub>16</sub>	9	25 <sup>5</sup> / <sub>16</sub>	2	1½	1¼	¼

## Specifications

- Available in ringless style (U4908 series) or ring type (U4909 series).
- UL Listed 100 Amp, 120/240 Volt – 1Ø Underground Service Power Outlet. (U4908-UG and U5101-OH)
- Type 3R welded enclosure for durable outdoor use.
- Hub opening with closure plate. (U5101)
- Wire terminations accept copper or aluminum conductors. (U4908)
  - 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
- Wire terminations accept copper or aluminum conductors. Loop feed not available. (U5101)
  - Line: (1) #6-250 kcmil
  - Ground: (2) 1/0-#14 & (4) #6-#14
  - Neutral: (2) 1/0-#14 & (4) #6-#14
- Four terminal, ringless meter socket with stainless steel locking hasp.
- Horn Bypass is available - consult Factory
- Main breaker option is available - consult factory

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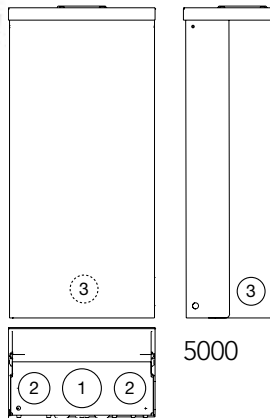


# Surface Mount Power Outlet

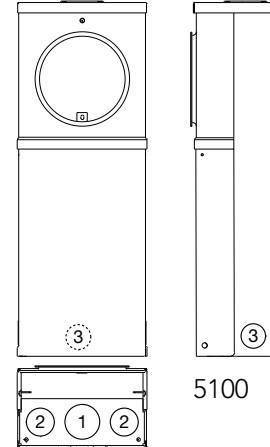
Millennium Series | Metered & Unmetered | 120/240 VAC



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) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-41	Unmetered	A	X	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-55	Unmetered	B	Y	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-75	Unmetered	C	Z	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5100-XL	Metered	—	—	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-41	Metered	A	X	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-55	Metered	B	Y	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-75	Metered	C	Z	No	#6-250	5¼	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

NOTE
Contact factory for additional configurations not shown here.

## 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



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# Power Outlet Pedestals

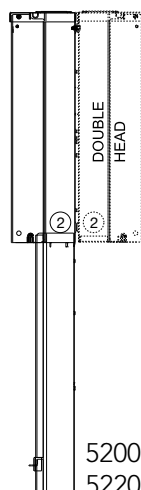
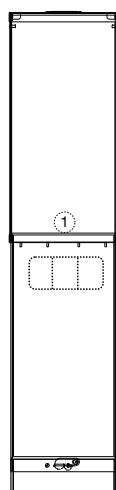
Millennium Series | Metered & Unmetered | 120/240 VAC

35

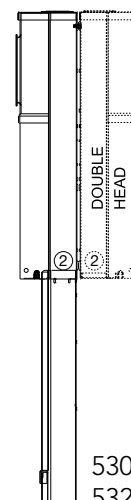
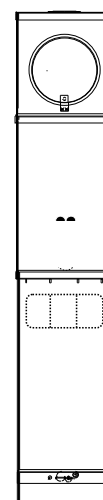
POWER OUTLET  
PEDESTALS



U5200-XL-75



U5300-O-75



## 125 Amp | Power Outlet Pedestals | Direct Burial

Catalog Number	Double Head Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Dimensions			Knockouts
					D"	W"	H"	1
U5200-XL	U5220-XL	Unmetered	—	—	5 $\frac{5}{16}$	9 $\frac{1}{8}$	64 $\frac{1}{2}$	1 $\frac{1}{4}$
U5200-XL-41	U5220-XL-41	Unmetered	A	X	5 $\frac{5}{16}$	9 $\frac{1}{8}$	64 $\frac{1}{2}$	1 $\frac{1}{4}$
U5200-XL-55	U5220-XL-55	Unmetered	B	Y	5 $\frac{5}{16}$	9 $\frac{1}{8}$	64 $\frac{1}{2}$	1 $\frac{1}{4}$
U5200-XL-75	U5220-XL-75	Unmetered	C	Z	5 $\frac{5}{16}$	9 $\frac{1}{8}$	64 $\frac{1}{2}$	1 $\frac{1}{4}$
U5300-O	U5320-O	Metered	—	—	5 $\frac{5}{16}$	9 $\frac{1}{8}$	70 $\frac{1}{4}$	1 $\frac{1}{4}$
U5300-O-41	U5320-O-41	Metered	A	X	5 $\frac{5}{16}$	9 $\frac{1}{8}$	70 $\frac{1}{4}$	1 $\frac{1}{4}$
U5300-O-55	U5320-O-55	Metered	B	Y	5 $\frac{5}{16}$	9 $\frac{1}{8}$	70 $\frac{1}{4}$	1 $\frac{1}{4}$
U5300-O-75	U5320-O-75	Metered	C	Z	5 $\frac{5}{16}$	9 $\frac{1}{8}$	70 $\frac{1}{4}$	1 $\frac{1}{4}$

## 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

Contact factory for additional configurations not shown here.

Pad mount is available. Contact factory for information.

## 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

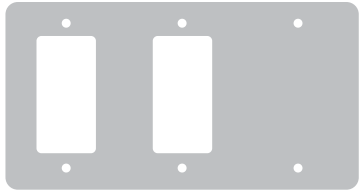

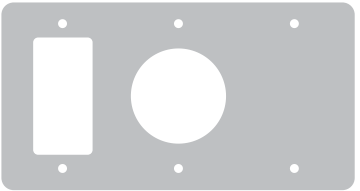
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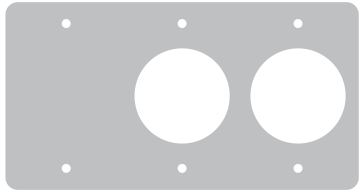
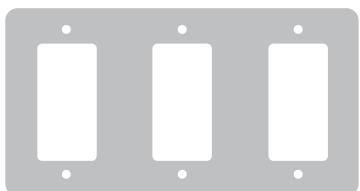



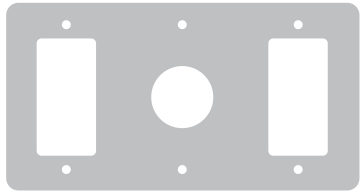
# Replacement Receptacle Plates

*For Millennium Series RV Products*

		
<b>K5920-75</b>	<b>K5920-10GR</b>	<b>K5920-54</b>

		
<b>K5920-11GR</b>	<b>K5920-522</b>	<b>K5920-41</b>

		
<b>K5920-58</b>	<b>K5920-111GR</b>	<b>K5920-BLANK</b>


<b>K5920-38</b>

## Notes

- For application details, consult factory.




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# Lighting Accessories

## For Millennium Series Products


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

<b>Application</b>	Internal light kit for unmetered power outlets	
<b>LED Features</b>	<b>Includes new LED light</b> , lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.  Cover on unmetered power outlet is 19 1/8" in height.	
<b>Ordering</b>	Order with <b>-LD</b> suffix (after catalog number) for factory installed.  Order catalog number <b>K6212</b> for field installed.	

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

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

### Photoelectric Light Control Kit

<b>Application</b>	Photoelectric light control kit for <b>K5411</b> light kits.	
<b>Features</b>	2.5 amp, 120 volt photo electrical control wired in series with <b>K5411</b> light kits.	
<b>Ordering</b>	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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# Lighting Accessories


For Millennium Series Products

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

<b>Application</b>	Internal light kit for metered power outlets	
<b>LED Features</b>	<b>Includes new LED light</b> , lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.  Cover on metered power outlet is 15¼" in height.	
<b>Ordering</b>	Order with <b>-LD</b> suffix (after catalog number) for factory installed.  Order catalog number <b>K6213</b> for field installed.	

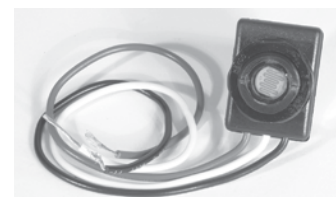
<b>Application</b>	Internal light kit for metered power outlets	
<b>Fluorescent Features</b>	Includes 5-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory wired to 20 amp GFI circuit. May be wired to separate 20 amp circuit breaker. Order <b>Q120</b> separately.  Cover on metered power outlet is 15¼" in height.	
<b>Ordering</b>	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

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

### WARNING!

Always disconnect power prior to installing these devices.




# Telecom and Pedestal Accessories

For Millennium Series RV Products

**39**  
TELECOM &  
PEDESTAL  
ACCESSORIES

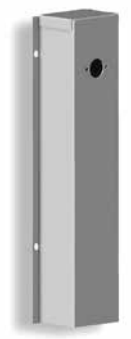
## Telephone and Cable TV Kit

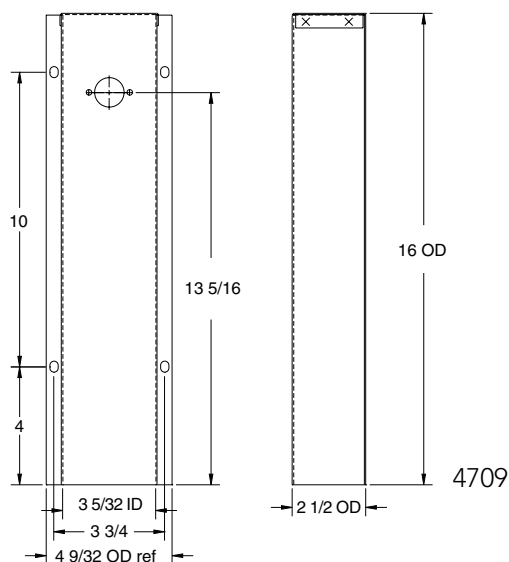
<b>Application</b>	Mounts to rear of pedestal series <b>U5200</b> and <b>U5300</b> . May also be adaptable to a wooden or similar structure.	
<b>Features</b>	<p>Single: 16" galvanized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack.</p> <p>Dual: 16" galvanized raceway, (2) RJ11 telephone 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.	

**K4709-02-3R**

**K4709-02**

## 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> .	



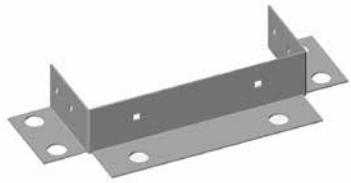
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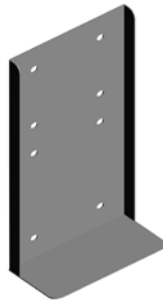
# Pedestal Mounting Accessories

*For Millennium Series RV Products*


## Field-Installed Pad Mount Kit

<b>Application</b>	Field installed pad mount kit with (6) $\frac{3}{4}$ " mounting holes.	
<b>Features</b>	Includes $\frac{1}{4}$ -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 $\frac{1}{4}$ -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 $\frac{5}{8}$ -11 x 10" bolt with 2" toe.  Includes nut and flat washer.	
<b>Ordering</b>	Order catalog number <b>K5421</b> .	


# Metering & Receptacle Accessories

For Millennium Series RV Products


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METERING &  
RECEPTACLE  
ACCESSORIES





## 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, CL200 E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws.  See <b>CL200</b> for Watt-hour meter specification.	
<b>Ordering</b>	Order catalog number <b>K4800-01</b> .	

## E-Z Read Watt-Hour Meter

<b>Application</b>	200 amp E-Z read watt-hour meter designed to be field installed on the <b>U5100</b> and <b>U5300</b> metered power outlets.	
<b>Features</b>	200 amp form 2S 120/240 volt.  Numeric readout in full kilowatt increments. No "tenths" dial.  Remanufactured to 1% accuracy.	
<b>Ordering</b>	Order catalog number <b>CL200</b> or <b>CL200D</b>	

## Single Receptacle Only Power Outlet



Application	Overhead/underground power outlet receptacle, suitable for RV, temporary service, campground, marina and boatyard equipment.			
Features	Type 3R, 120/240 volt single phase.  Lockable cover.			
Ordering	Order catalog number from chart below.			
Receptacle Options	 P-10GWR 20A 5-20GR 120V GFI	 P-13 30A TT-30R 120V	 P-54 50A 14-50R 120/240V	




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## Replacement Parts &amp; Accessories

*For Millennium Series RV 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

		
<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

		
<b>Z918449-AC</b> (19" unmetered) Z918447-AC (15" metered) Hinge cover	<b>Z818052-SC</b> (19" unmetered) Z818480-SC (15" metered) Deadfront	<b>MR-2</b> Snap action sealing ring

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

# Circuit Breakers

UQFP Plug-In & UQFB Bolt-On Series | 120/240 VAC

**43**  
CIRCUIT  
BREAKERS



UQFP  
UQFPH



UQFP-M  
UQFPH-M



UQFB-X1



UQFBH

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.

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**15–125 amp Breaker**  
**Plug-In Type | 1" Per Pole**

amp	Poles	10K AIC Plug-In	22K AIC Plug-In
15	Single	Q115	Q115H
15	Double	Q215	Q215H
20	Single	Q120	Q120H
20	Double	Q220	Q220H
25	Single	Q125	Q125H
25	Double	Q225	Q225H
30	Single	Q130	Q130H
30	Double	Q230	Q230H
35	Single	Q135	Q135H
35	Double	Q235	Q235H
40	Single	Q140	Q140H
40	Double	Q240	Q240H
50	Single	Q150	Q150H
50	Double	Q250	Q250H
60	Single	Q160	Q160H
60	Double	Q260	Q260H
70	Single	Q170	Q170H
70	Double	Q270	Q270H
80	Double	Q280	Q280H
90	Double	Q290	Q290H
100	Double	Q2100	Q2100H
125	Double	Q2125	Q2125H



QN2200H



QN2200RH



WBJ2200



Q250

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

amp	10K AIC Plug-In	22K AIC Plug-In	Handle Location	Wire Range	
				CU	AL
150	QN2150	QN2150H	Left facing	#4-300	#4-300
200	QN2200	QN2200H	Left facing	#4-300	#4-300
150	QN2150R	QN2150RH	Right facing	#4-300	#4-300
200	QN2200R	QN2200RH	Right facing	#4-300	#4-300
150	WBJ2150	—	Centered	#2-300	#2-300
200	WBJ2200	—	Centered	#2-300	#2-300

## Notes

- Load connectors supplied with breakers.
- UL Listed for use with 60°C or 75°C wire.
- Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.

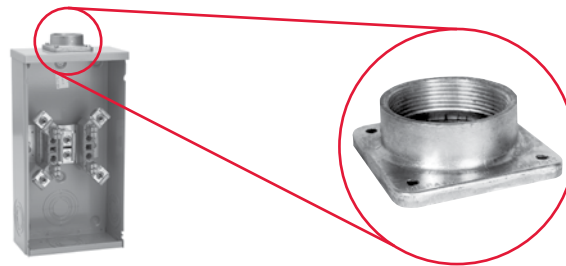
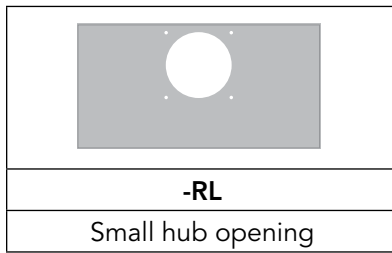


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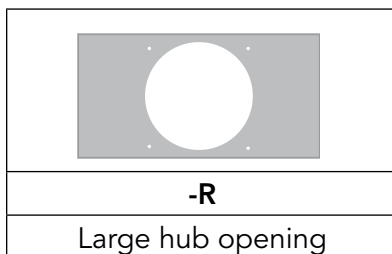


# Accessories

## 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

### Notes



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

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## Connector Kits, Closing Kits & Generator Interlock

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

\*For (2) 1/0-250, conductors must be of same size.



### Bypass Link




### Note

Consult factory for proper connector kits for studded meter sockets.

### Closing Covers

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


### Generator Interlock


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

### Disconnect Sleeve


M5-144
Do not use with lever bypass sockets

### Anti-Inversion Clip


K4802




### Isolated Neutral Kit


K1047
Consult factory for proper isolated neutral for meter sockets

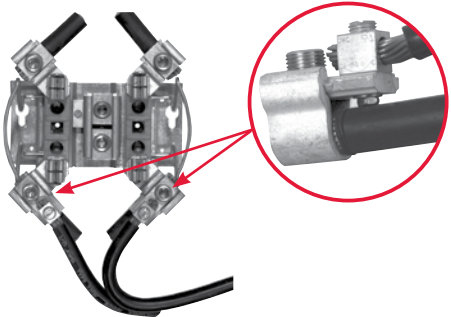
# Accessories

## Fifth Terminal, Tap Connectors & Block Assemblies


### 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)


### 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)	


### Triplex Ground


<b>K1190</b> (For factory installed triplex ground, add suffix -TG to catalog number)

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


<b>BL7474</b> - Block Assembly
<b>BL7499</b> - Horn Bypass Block Assembly
<b>Z904486-AO</b> - Slotted Nut Assembly
<b>Z903274-AO</b> - Horn Bypass Nut Assembly
<b>Z802965-AC</b> - Neutral without Nut
<b>Z901925-AC</b> - Hex Nut Set Screw

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


<b>K4527</b> - Internal Hex Block Assembly (w/ meter support)
<b>K4528</b> - External Hex Block Assembly (w/ meter support)
<b>K4529</b> - Internal Hex Horn Bypass Block Assembly (w/ meter support)
<b>K4530</b> - External Hex Horn Bypass Block Assembly (w/ meter support)
<b>Z916265-AO</b> - Internal Nut Assembly
<b>Z916264-AO</b> - External Nut Assembly
<b>Z814898-AC</b> - Neutral without Nut

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



Strut and backboard



Commercial pedestal

## UL-listed as Industrial Control Equipment (File E113855)

### Standard Features

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



# Commercial Pedestals

Attractive | Easy to Install | Secure | Cost-Effective

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COMMERCIAL  
PEDESTALS



## 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

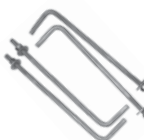
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

## Accessories



### 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)



**MILBANK**  
ENERGY AT WORK



# Commercial Pedestals

## Main Load Center Series | Custom Designs Available

### CP3B "ML" Series

Main Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads

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.

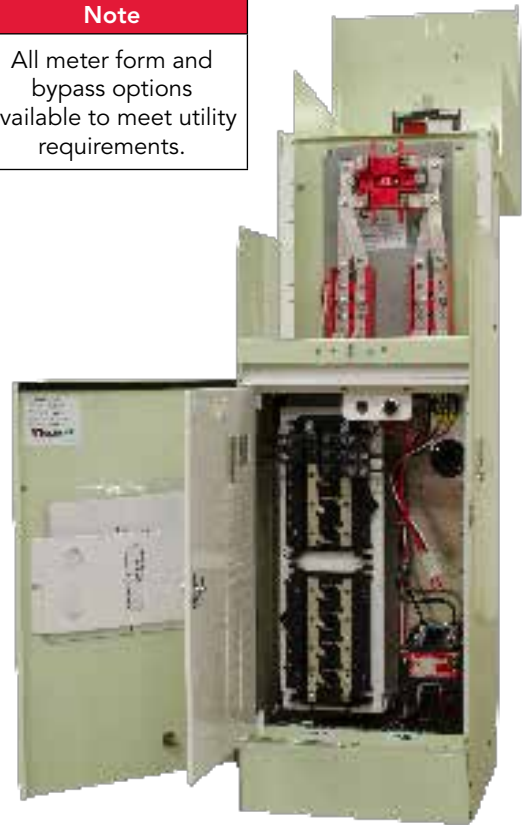
### Features

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 amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 amp model) or 14 (100 amp model) blank breaker spaces and a circuit directory to document configuration.

#### Note

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



**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 | Custom Designs Available

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COMMERCIAL  
PEDESTALS

## 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 amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, 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.

#### Note

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



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

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

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# Commercial Pedestals

## 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 <sup>1</sup>	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

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COMMERCIAL  
PEDESTALS



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

**55**  
COMMERCIAL  
PEDESTALS



**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

### 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 amps at voltages up through 480 volt three phase.

### Features

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

### Typical Applications

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

# Commercial Pedestals

## CP3A "Slimline" Series

**57**  
COMMERCIAL  
PEDESTALS



**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

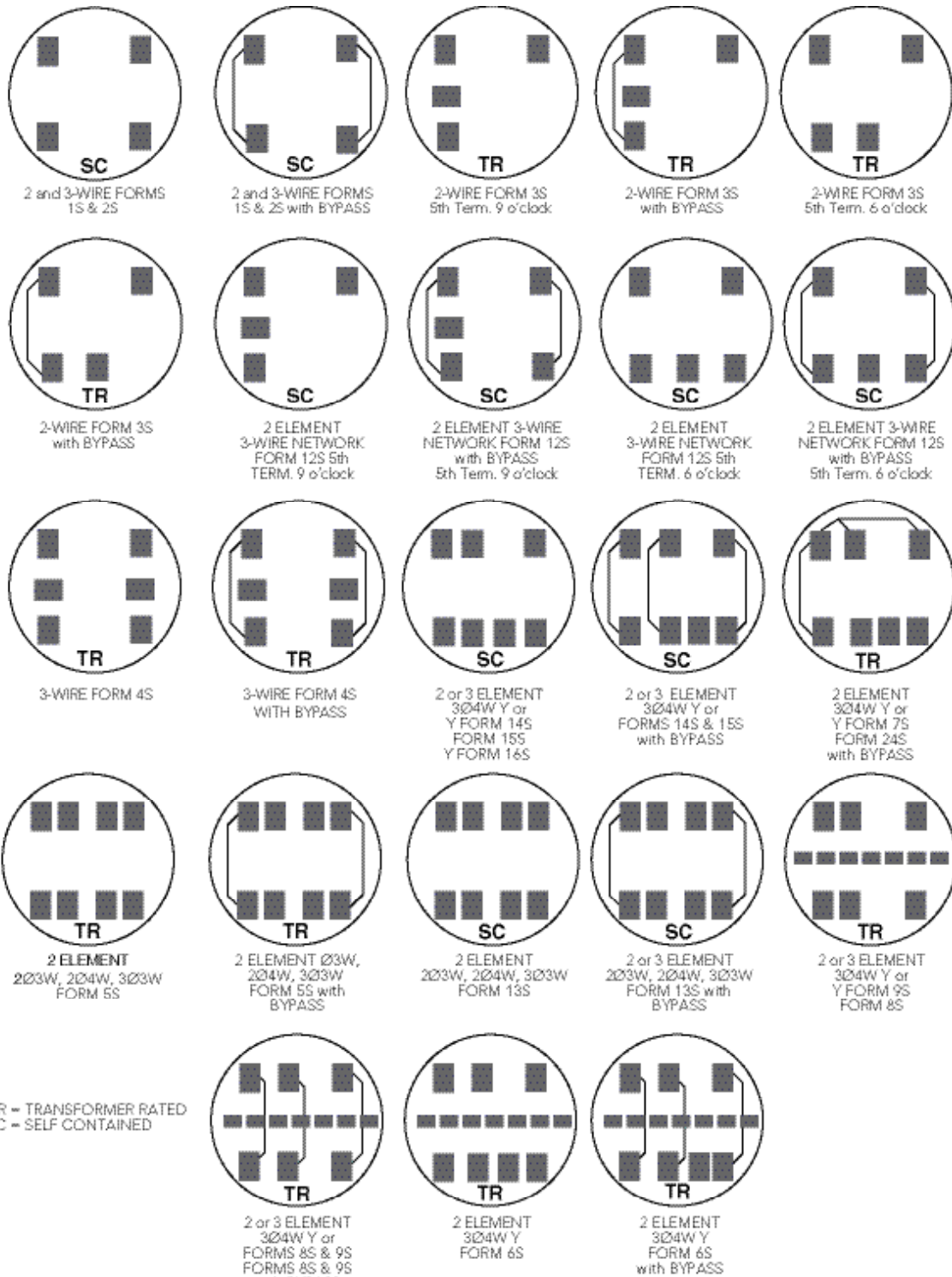
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# Watthour Meter Forms

*Standard Forms | Transformer Rated or Self-Contained*



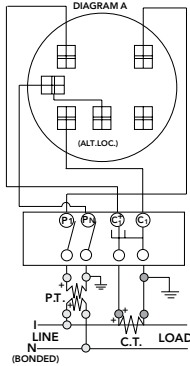


# Meter Forms

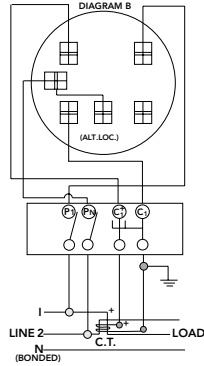
## Reference Information

**59**  
METER  
FORMS

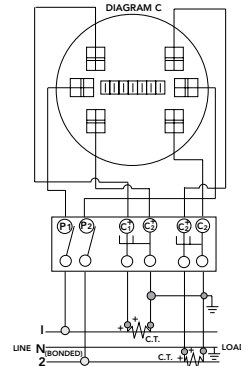
**DIAGRAM A**  
1Ø2W with 1 P.T. & 1 C.T.  
Single Stator Meter (2W1Ø) - Form 3S  
5T Socket, Test Switch #TS04-0101



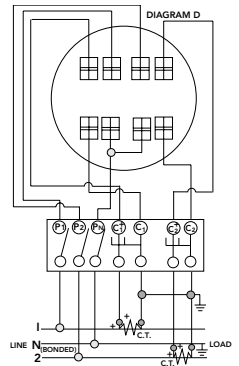
**DIAGRAM B**  
1Ø3W with 1 C.T.  
Single Stator Meter (2W1Ø) - Form 3S  
5T Socket, Test Switch #TS04-0101



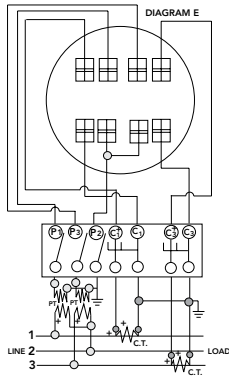
**DIAGRAM C**  
1Ø3W with 2 C.T.'s  
Single Stator Meter (3W1Ø) - Form 4S  
6T Socket, Test Switch #TS07-0105



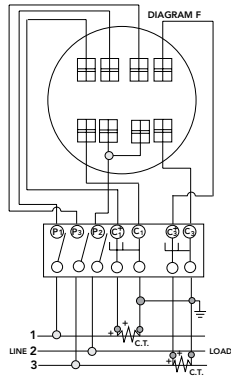
**DIAGRAM D**  
1Ø3W or 3W Network with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



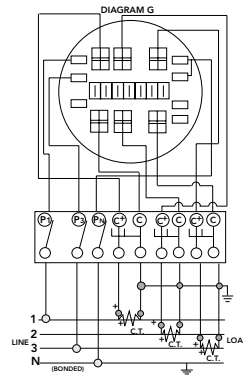
**DIAGRAM E**  
3Ø3W "A" with 2 P.T.'s & 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



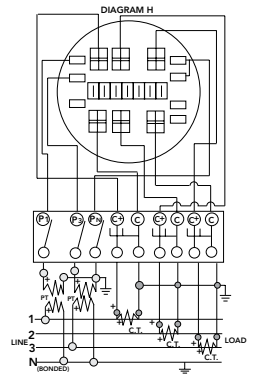
**DIAGRAM F**  
3Ø3W "A" with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



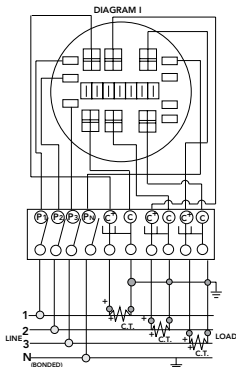
**DIAGRAM G**  
3Ø3W "Y" with 3 C.T.'s  
2 1/2 Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



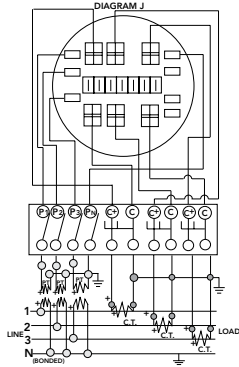
**DIAGRAM H**  
3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s  
2 1/2 Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



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



**DIAGRAM 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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# 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
XHH, XHHW, XHHW-2	3/0	0	1	1	1	3	5	7	11	15	19
	4/0	0	1	1	1	2	4	6	9	12	16
	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
	3/0	0	1	1	1	2	4	6	9	12	16
	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.

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

A		AL or **CU-Clad AL	
A	B	A	B
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
25 - 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 and 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

# of Meter Pos.	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 (1252). 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

Use caution and follow established safety procedures:

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

### After Energizing

Secure the installation:

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

### Recommended Torque for General Applications\*

Nominal 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 $\leq 1/8"$	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

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

### Steel Sheet

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

### Aluminum Extrusion

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

### Aluminum Sheet

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

### Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

### Insulating Materials

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

## Finish

### Process

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

### Metal Fastners

Zinc-coated with a chromate dip.

## Ratings & Compliance

### Ratings & Compliance

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



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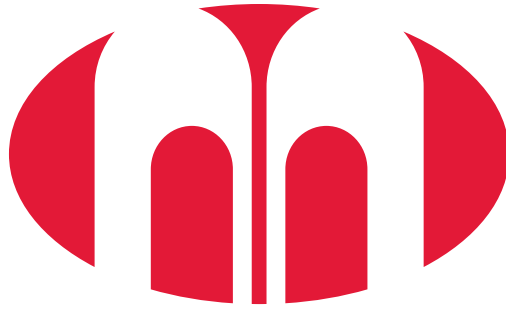
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