

# WESTERN REGION

**Product Catalog** 



Meter mounting equipment approved for use within the western region.

### 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 nearly a century of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



#### Metering

Milbank has been a market leader in electrical metering equipment, setting the standard in quality, for 95 years and counting. There are hundreds of available configurations, including a range of sizes as well as various knockout, terminals and bypass options. Products also have a variety of selections for 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, wireways and troughs. Enclosures are designed to meet or exceed industry standards. Each one is constructed with high-quality materials and built with superior craftsmanship. Each unit is engineered to protect controls and equipment from dust, dirt and other harmful elements, based on various NEMA ratings.



#### **Enclosed Controls**

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our enclosed controls are custom control equipment, engineered and built to your exact specifications. Milbank enclosed controls are an attractive, secure, Easy to install and cost-effective solution. These units can replace unsightly and insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



Air Cond	itioner	<b>Disconnects</b>

30-60 Amps AC Disconnects	8
60 Amps AC Disconnect with 20 Amps GFCI Receptacle	9
Hot Tub Disconnects	10
Single Position Sockets	
100 Amps, 4 Terminals, Ring-Type	11
100 Amps, Solar Sockets, 4 Terminals	12
125 Amps, 4-7 Terminals, Ringless and Ring-Type	13
200 Amps, 4-7 Terminals, Ringless and Ring-Type	14-16
125-200 Amps, 4-7 Terminals, Link Bypass, Ring-Type	17
200 Amps, 4-5 Terminals, Lever Bypass, Ringless	18
125-200 Amps, 4-7 Terminals, Lever Bypass, Ringless	19-20
320 Amps, 4 Terminals, Lever Bypass, Ringless	21
320 Amps, 4 Terminals, Link Bypass, Ring-Type	22
320 Amps, 7 Terminals, Lever Bypass, Ringless	23
100-200 Amps, 4 Terminals, Main Breaker, Service Entrance	24
Meter Mains	
200 Amps, 4-7 Terminals, Ring-Type	25
100-200 Amps, 4-5 Terminals, Ringless and Ring-Type, with Load Center	26
400-320 Amps, 4 Terminals, Ringless and Ring-Type	27-28
400-320 Amps, 4 Terminals, Ring-Type, with Split Load	29-32
Safety Sockets	
100-200 Amps, 4-7 Terminals, Ring-Type, Test Block Bypass	33-40
100-200 Amps, All-in-one Series, Test Block Bypass	
Replacement Parts	
Underground Termination Boxes	
100-800 Amps	
600V, PGE approved	48
Bussed Gutters, NEMA 3R	49-50
Multi-Position Sockets	
100-125 Amps, 4 Terminals, Ringless	51
200 Amps, 4 Terminals, Ringless	
125- 200 Amps, 4 Terminals, Meter Mains, Ringless	

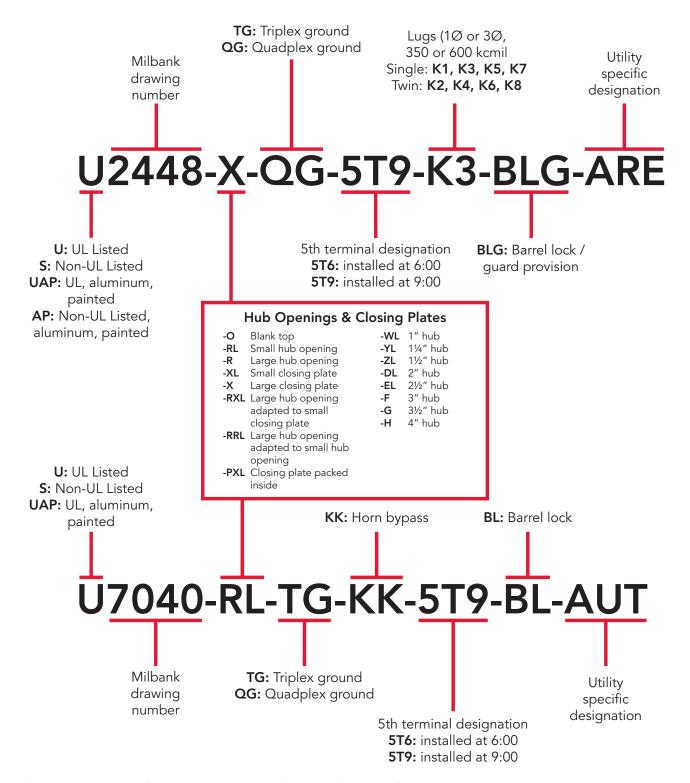


#### Miscellaneous

Current Transformer Enclosures	55-56
Current Transformer Test Switches and Worksheet	57-59
Current Transformer Cabinets	
Wall-mount Service Entrance Section	68-69
Service Pedestals, Mobile Home	70-71
Power Pedestals	
Replacement Parts	
Mobile Home Pedestals	
Service Pedestals	76-81
Temporary Power	82-85
Surface-Mount Power	
Power Outlet Pedestals	87
Replacement Receptacle Plates	88
Lighting Accessories	
Telecom and Pedestal Accessories	91
Pedestal Mounting Accessories	92
Metering, Receptacle Accessories and Replacement Parts	93-95
Recreational Vehicle Products	
Dry Type Transformers	98
Enclosed Controls	
Enclosed Controls Overview	99-121
Miscellaneous	
Commercial Enclosures	
Accessories	123-127
Reference Information	
Index	



How Our Product Catalog Numbers are Derived





Catalog Number	EUSERC Drawing Number					
U3574-RL-200	301					
U3577-RL-200	301					
U3584-O-200	301					
U3597-O-200	301					
U4015-O	301A					
UF4015-KO	301A					
U3548-X	302B					
U6194-O-1/200	302A					
U6181-O-1/200	302B					
U6088-O-2-200	302A					
U6089-O-2-200	302B					
U6020-O-2/200	302B					
M401-UG	302A					
M401-UG-BS	302B					
M404-UG-LC	302A					
M404-UG-LC-BS	302B					
114TB	304, 311					
115TB	304, 311					
117TB	304, 311					
124TB	305, 311					
125TB	305, 311					
127TB	305, 311					
214MTB	305A, 311					
215MTB	305A, 311					
217MTB	305A, 311					
U214MTB	305A, 311					
U215MTB	305A, 311					
U217MTB	305A, 311					
214MTB/22	305A, 311					
217MTBB/22	305A, 311					
U214MTB/22	305A, 311					
U217MTBB/22	305A, 311					
214MTB-48	305A, 311					
215MTB-48	305A, 311					
217MTB-48	305A, 311					
U214MTB-48	305A, 311					
U215MTB-48	305A, 311					
U217MTB-48	305A, 311					
214MTB-P	305A, 311					
215MTB-P	305A, 311					
217MTB-P	305A, 311					

U214MTB-P         305A, 311           U215MTB-P         305A, 311           U217MTB-P48         305A, 311           215MTB-P48         305A, 311           215MTB-P48         305A, 311           217MTB-P48         305A, 311           U214MTB-P48         305A, 311           U215MTB-P48         305A, 311           U2217MTB-P48         305A, 311           U2217MTB         305A, 311           225MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-P         305A, 311	Catalog Number	EUSERC Drawing Number
U217MTB-P         305A, 311           214MTB-P48         305A, 311           215MTB-P48         305A, 311           217MTB-P48         305A, 311           U214MTB-P48         305A, 311           U215MTB-P48         305A, 311           U217MTB-P48         305A, 311           U217MTB 305A, 311         305A, 311           225MTB 305A, 311         305A, 311           U224MTB 305A, 311         305A, 311           U225MTB 305A, 311         305A, 311           U227MTB 305A, 311         305A, 311           U227MTB/22 305A, 311         305A, 311           U227MTB/22 305A, 311         305A, 311           U227MTB-48 305A, 311         305A, 311           U227MTB-48 305A, 311         305A, 311           U227MTB-8 305A, 311         305A, 311           U227MTB-P 305A, 311         305A, 311           U227MTB-P 305A, 311         305A, 311           U227MTB-P 305A, 311         305A, 311           U227MTB-P48 305A, 311         305A, 311           U227MTB-P48 305A, 311<	U214MTB-P	
214MTB-P48       305A, 311         215MTB-P48       305A, 311         217MTB-P48       305A, 311         U214MTB-P48       305A, 311         U215MTB-P48       305A, 311         U217MTB-P48       305A, 311         224MTB       305A, 311         225MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         U227MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-B       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48	U215MTB-P	305A, 311
215MTB-P48 217MTB-P48 305A, 311  U214MTB-P48 305A, 311  U215MTB-P48 305A, 311  U217MTB-P48 305A, 311  U217MTB-P48 305A, 311  224MTB 305A, 311  225MTB 305A, 311  225MTB 305A, 311  U224MTB 305A, 311  U224MTB 305A, 311  U224MTB 305A, 311  U225MTB 305A, 311  U225MTB 305A, 311  U227MTB 305A, 311  U227MTB/22 305A, 311  U227MTB/22 305A, 311  U227MTB/22 305A, 311  U227MTB-48 305A, 311  U227MTB-48 305A, 311  U227MTB-P 305A, 311  U227MTB-P 305A, 311  U227MTB-P 305A, 311  U224MTB-P 305A, 311  U224MTB-P 305A, 311  U224MTB-P 305A, 311  U227MTB-P 305A, 311  U227MTB-P48 305A, 311  U214MTBL 305A, 311  U214MTBL 305A, 311  U217MTBL 305A, 311  U217MTBL 305A, 311  U217MTBL 305A, 311  U217MTBL 305A, 311  U214MTBL 305A, 311  U224MTBPL 305A, 311	U217MTB-P	305A, 311
217MTB-P48       305A, 311         U214MTB-P48       305A, 311         U215MTB-P48       305A, 311         U217MTB-P48       305A, 311         224MTB       305A, 311         225MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         U227MTB       305A, 311         U227MTB       305A, 311         U227MTB/22       305A, 311         U227MTB-8       305A, 311         U227MTB-8       305A, 311         U227MTB-9       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MT	214MTB-P48	305A, 311
U214MTB-P48         305A, 311           U215MTB-P48         305A, 311           U217MTB-P48         305A, 311           224MTB         305A, 311           225MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U227MTB         305A, 311           U227MTB         305A, 311           U227MTB         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-84         305A, 311           U227MTB-84         305A, 311           U227MTB-8         305A, 311           U227MTB-9         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311 </td <td>215MTB-P48</td> <td>305A, 311</td>	215MTB-P48	305A, 311
U215MTB-P48         305A, 311           U217MTB-P48         305A, 311           224MTB         305A, 311           225MTB         305A, 311           227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U227MTB         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-B         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311	217MTB-P48	305A, 311
U217MTB-P48         305A, 311           224MTB         305A, 311           225MTB         305A, 311           227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U227MTB         305A, 311           224MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-B         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311	U214MTB-P48	305A, 311
224MTB         305A, 311           225MTB         305A, 311           227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           224MTB/22         305A, 311           227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-P         305A, 311           225MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311	U215MTB-P48	305A, 311
225MTB         305A, 311           227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           224MTB/22         305A, 311           227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-B         305A, 311           U227MTB-B         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U224MTBL         305A, 311	U217MTB-P48	305A, 311
227MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         224MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB-22       305A, 311         U227MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-B       305A, 311         U227MTB-P       305A, 311         225MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311	224MTB	305A, 311
U224MTB       305A, 311         U227MTB       305A, 311         U227MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         224MTB/22       305A, 311         227MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB-48       305A, 311         U224MTB-48       305A, 311         U227MTB-8       305A, 311         225MTB-P       305A, 311         225MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311	225MTB	305A, 311
U225MTB         305A, 311           U227MTB         305A, 311           U224MTB         305A, 311           U225MTB         305A, 311           U227MTB         305A, 311           224MTB/22         305A, 311           227MTB/22         305A, 311           U227MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-P         305A, 311           225MTB-P         305A, 311           U224MTB-P         305A, 311           U224MTB-P         305A, 311           U224MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U224MTB-P48         305A, 311           U214MTBL         305A, 311           U214MTBL         305A, 311           U217MTBL         305A, 311           U224MTBL         305A, 311           U224MTBL         305A, 311           U224MTBL         305A, 311	227MTB	305A, 311
U227MTB       305A, 311         U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         224MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB/22       305A, 311         U227MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-P       305A, 311         225MTB-P       305A, 311         227MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U227MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311	U224MTB	305A, 311
U224MTB       305A, 311         U225MTB       305A, 311         U227MTB       305A, 311         224MTB/22       305A, 311         227MTB/22       305A, 311         U224MTB/22       305A, 311         U227MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-P       305A, 311         225MTB-P       305A, 311         227MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         225MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U227MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311	U225MTB	305A, 311
U225MTB         305A, 311           U227MTB         305A, 311           224MTB/22         305A, 311           227MTB/22         305A, 311           U224MTB/22         305A, 311           U227MTB-48         305A, 311           U227MTB-48         305A, 311           U227MTB-P         305A, 311           225MTB-P         305A, 311           U224MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P         305A, 311           U227MTB-P48         305A, 311           U224MTB-P48         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U227MTB-P48         305A, 311           U214MTBL         305A, 311           U217MTBL         305A, 311           U217MTBL         305A, 311           U217MTBL         305A, 311           U224MTBL         305A, 311           U224MTBL         305A, 311           U224MTBL         305A, 311	U227MTB	305A, 311
U227MTB       305A, 311         224MTB/22       305A, 311         227MTB/22       305A, 311         U224MTB/22       305A, 311         U227MTB-48       305A, 311         U224MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-P       305A, 311         225MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U227MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311	U224MTB	305A, 311
224MTB/22 305A, 311 227MTB/22 305A, 311 U224MTB/22 305A, 311 U227MTB/22 305A, 311  227MTB-48 305A, 311 U224MTB-48 305A, 311  224MTB-P 305A, 311 225MTB-P 305A, 311 U227MTB-P 305A, 311 U224MTB-P48 305A, 311 U227MTB-P48 305A, 311 U224MTB-P48 305A, 311 U224MTB-P48 305A, 311 U224MTB-P48 305A, 311 U224MTB-P48 305A, 311 U214MTBL 305A, 311 U214MTBL 305A, 311 U217MTBL 305A, 311 U214MTBL 305A, 311 U217MTBL 305A, 311 U217MTBL 305A, 311 U214MTBL 305A, 311	U225MTB	305A, 311
227MTB/22       305A, 311         U224MTB/22       305A, 311         U227MTB-48       305A, 311         U224MTB-48       305A, 311         U227MTB-48       305A, 311         U227MTB-P       305A, 311         225MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P       305A, 311         225MTB-P48       305A, 311         225MTB-P48       305A, 311         U224MTB-P48       305A, 311         U224MTB-P48       305A, 311         U227MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBL       305A, 311         U224MTBPL       305A, 311	U227MTB	305A, 311
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U227MTB/22       305A, 311         227MTB-48       305A, 311         U224MTB-48       305A, 311         U227MTB-48       305A, 311         224MTB-P       305A, 311         225MTB-P       305A, 311         U224MTB-P       305A, 311         U227MTB-P       305A, 311         U227MTB-P48       305A, 311         225MTB-P48       305A, 311         U224MTB-P48       305A, 311         U227MTB-P48       305A, 311         U227MTB-P48       305A, 311         U214MTBL       305A, 311         U214MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U217MTBL       305A, 311         U224MTBL       305A, 311	227MTB/22	305A, 311
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	U224MTBL	
<b>U227MTBL</b> 305A, 311	U224MTBPL	305A, 311
	U227MTBL	305A, 311



Catalog Number	EUSERC Drawing Number
U227MTBPL	
PB-011	305A, 311
	343A
PB-012	343A
PB-014	343
PB-014-NK	343
PB-018	343
PB-034-NK	343
PB-038-NK	343
PB-032	343A
PB-034	343
PB-038	343
MPRV-50-MB-78	307
MPRVD-100-MB-PD	307
MPRVD-50-MB-78	307
MPRV-100-MB-50-78	307
MPRV-100-MB-50-PD	307
MPRV-100-MB-78	307
MPRVD-100-MB-78	307
MPRV-100-MB-503020GR-78	307
MPAP-100-MB-78	307
MPAP-200-MB-78	307
MPAP-200-MB-20GR-78	307
MPAP-200-MB-78	307
MPAPD-100-MB-78	307
MPAPD-200-MB-78	307
MPAPD-100-MB-PD	307
MPAPD-200-MB-PD	307
MPAP-100-MB-PD	307
MPAP-200-MB-PD	
U6276-O-10GR	307
U6276-O-54	307
U6276-O-41	307
U6276-O-55	307
U6276-O-75	307
U6276-O-100	307
U6276-O-100MB	307
U3320-R	343A
U3322-R	313
U3355-R	313
U3340-O	314
U3342-O	314

Catalog Number	EUSERC Drawing Number					
U3565-O	314					
CT244811-SC	316, 317					
CT364811-SC	316, 317, 318					
CT364814-SC	316, 317, 318					
CT484811-SC	316, 317					
CT244811-HC	316, 317					
CT304811-HC	316, 317					
CT364811-HC	316, 317, 318					
CT484811-HC	316, 317, 318					
CT484814-HC	316, 317, 318					
K4903	328B					
K4904	329B					
K4722	329B					
K4729	328B					
K4797	328A					
K4798	328A					
UC3435-XL	339					
UC3436-XL	339					
UC3438-XL	339					
UC3433-XL	339					
UC3434-XL	339					
U6194	302A					
U6181	302B					
U6088	302A					
U6089	302B					
U6020	302B					

### NEC 2020 Update

Old Catalog Number	NEC 2020 Compliant Number
U5059	U6585
U5759	U6034
U4031	U6584
M400-APS	U6092
M400-APS-BS	U6093
M400-UG-APS-F	U6194
M400-APS-F-BS	U6181
M400-UG-APS-LC	U6088
M400-UG-APS-LC-BS	U6089
U3251	U6020



### **Air Conditioner Disconnects**

30-60 Amps







U3802 U3812 U3832

Milbank's Air Conditioner Disconnect has a removable hinged cover that makes wiring a breeze. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90 galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

#### 30-60 Amps | Air Conditioner Disconnects | 1Ø 240V

Catalog Number	Catalog Amps Type		Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire	Dimensions			Wire Rating	
Number			п.г.	(IDS.)	CU	AL	AL Range CU/AL		W"	Н"	CU °C	AL °C
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	21/2	5	71/2	60°/75°	60°/75°
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	21/2	5	71/2	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	21/8	5	7	60°/75°	60°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	21/8	5	9	60°/75°	60°/75°

#### **Notes**

- UL-listed as Enclosed Pullout Switch
- NEMA 3R
- Weather-resistant
- One-inch concentric knockouts







60 Amps | With 20 Amps GFCI Receptacle



U3822-20GWR

#### **Specifications**

- Meets NEC #406.8 requirements
- Meets NEC #210.63 requirements
- UL-listed as Power Outlet
- NEMA 3R
- In-use cover\*
- Duplex ground connector

- One-inch concentric knockouts
- 1Ø, 240V
- 60 Amps, non-fused
- 20 Amps GFCI receptacle
- Reset/test button
- Weather-resistant

#### 60 Amps | Air Conditioner Disconnect with 20 Amps GFCI Receptacle | 1Ø, 240V

Catalog Number	Туре	Max H.P.	Weight (lbs.)		Line/Load Wire Ground Range Wire Range		Din	nensio	ons	Wire I	Rating
		п.г.	(IDS.)	CU	AL	CU/AL	D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	41/5	51/4	72/5	60°/75°	60°/75°

#### **Notes**

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





### **Hot Tub Disconnect**

NEMA 3R Enclosures



U4881-O-50GB



U4881-O-60GB

#### **Specifications**

- 240V ground fault protection
- UL-listed
- NEMA 3R
- Weather-resistant
- Two-pole, 50 Amps GFCI breaker protection
- Compact size

- Three- or four- wire installation
- 1Ø, 120/240V
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 Amps overall rating
- Easy to install

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

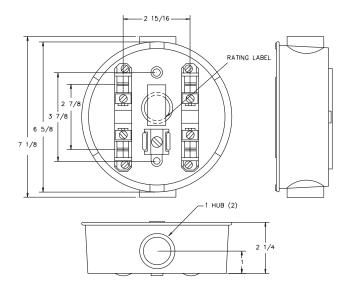
Catalog Number	Amara	Time	Weight	Line/Load	Wire Range	Ground Wire	Dimensions		
Catalog Number	Amps	Type	(lbs.)	CU	AL	Range CU/AL	D"	W"	Н"
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	33/4	71/2	81/2
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	33/4	71/2	81/2





100 Amps | 4 Terminals | Ring-Type





#### **Applications**

Our 100 Amps max rated is ideal for use on:

- Temporary service applications.
- Outdoor advertising applications.
- Small service applications.
- Other low amperage requirements.

#### 100 Amps | 4 Terminals | Economy Cast Socket | Ring-Type | Single Position

Catalog	Amps	Terminal	Service	Hub	Connectors CU/AL		Quantity	Concentric
Number	Amps	Terrinia	Service	TIUD	Line	Load	Per Package	Knockouts
AP2300-03	100	4	OH/UG	1"	#12-1/0	#12-1/0	12	3/4", 1"
AP2300-04	100	4	OH/UG	1 1/4"	#12-1/0	#12-1/0	12	3/4", 1"

#### **Notes**

- Ampere Rating: 80 Amps continuous, 100 Amps Maximum.
- Fifth and sixth terminal: Contact factory.
- Sealing ring: Supplied with a snap-action sealing ring.
- Hub: Units supplied with cast in hub on top and bottom. Consult factory for availability of other hub sizes.
- Bypass: Also available with auto bypass. Contact factory.



## **Single Position Solar Sockets**

100 Amps | 4 Terminals | 600V







U5934-XL-BLG

**U6087-XL-INS** 

U4175-RL-BLG

#### 100 Amps | 4 Terminals | Residential Solar Sockets | Standard Neutral

Catalog	Socket	Service	Hub	Connecto	ors CU/AL	Di	mensic	ons		Knoc	kouts	
Number	Туре	Service	пub	Line	Load	D"	W"	Н"	1	2	3	4
U4175-RL-BLG*	Ringless	OH/UG	H.O.	#12-1/0	#12-1/0	35/16	8	11½	2	11/2	11/4	1/4
U6087-XL*	Ring-Type	OH/UG	C.P.	#12-1/0	#12-1/0	35/16	8	11½	2	11/2	11/4	1/4
U6087-XL-INS*	Ring-Type	OH/UG	C.P.	#12-1/0	#12-1/0	35/16	8	11½	2	11/2	11/4	1/4

#### 100 Amps | 4 Terminals | Residential Solar Sockets | Integral Isolated Neutral Option

Catalog	Socket	Service	Hub	Connecto	ors CU/AL	Dii	mensic	ons		Knoc	kouts	
Number	Туре	Service	пub	Line	Load	D"	W"	Н"	1	2	3	4
U5929-XL-INS	Ring-Type	OH/UG	C.P.	#12-1/0	#12-1/0	35/16	8	11½	2	11/2	11/4	1/4
U5934-XL-BLG	Ringless	OH/UG	C.P.	#12-1/0	#12-1/0	35/16	8	11½	2	11/2	11/4	1/4

#### **Notes**

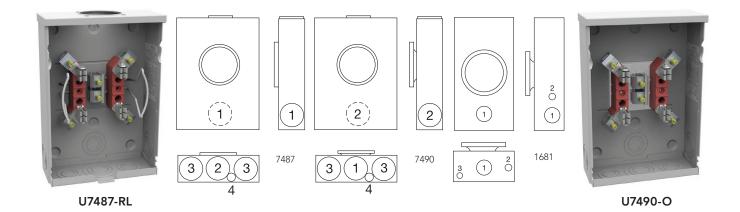
- -BLG: Barrel lock guard knockout provision.
- Hubs: Accepts standard meter socket hubs.
- Construction: Units are NEMA 3R for durable outdoor use, lockable and sealable.





<sup>\*</sup>Application: The standard bonded neutral units are applicable in areas where utility does not require an isolated neutral.

125 Amps | 4-7 Terminals | Ringless and Ring-Type



#### 125 Amps | 4 Terminals | Ringless | Single Position

Catalog	Tamainal	Camilaa	Ulada	Connecto	ors CU/AL	Dimens	Dir	nensi	ons		Knock	couts	
Number	Terminal	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3	4
U7487-O	4	UG	Blank	#6-2/0	#6-2/0	None	35/16	8	11½	11/2	2	11/4	1/4
U7487-RL	4	OH/UG	H.O.	#6-2/0	#6-2/0	None	35/16	8	11½	11/2	2	11/4	1/4

#### 125 Amps | 4 Terminals | Ring-Type | Single Position

Catalog	Terminal	Samilea	Hub	Connecto	ors CU/AL	Dunasa	Din	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пир	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
U7490-O	4	UG	Blank	#6-2/0	#6-2/0	None	35/16	8	11½	11/2	11/2	2	1/2	_	1/4
U7490-RL	4	OH/UG	H.O.	#6-2/0	#6-2/0	None	35/16	8	11½	11/2	11/2	2	1/2	_	1/4

#### 125 Amps | 7 Terminals | Ring-Type | Single Position

Catalog	Terminal	Camilas	Hub	Connecto	ors CU/AL	D	Din	nensi	ons			Knoc	kouts		
Number	ierminai	Service	пив	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	6
U1681-RL	7	ОН	H.O.	#6-2/0	#6-2/0	None	47/8	10	18½	2	3/4	1/2	_	1/4, 1/2	3/4

#### **Notes**

- Fifth terminal: For field-mounted fifth terminal on the U7487 and U7490 order catalog number 5T8K2 to fit into round opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on the accessories page.
- Connectors: Extruded aluminum connectors are tin-plated.
- Sealing rings: Ring-type units supplied with an MR-2 snap-action sealing ring as standard.





# **Single Position Sockets**

200 Amps | 4 Terminals | Ringless



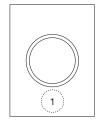
U7040-XL-TG



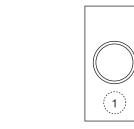
U1060-RL



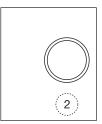
U1980-O

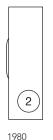


7040









200 Amps | 4 Terminals | Ringless | Single Position

Catalog	Terminal	Service	Hub	Connecto	ors CU/AL	Dynasa	Din	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	пир	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
U1060-RL	4	ОН	H.O.	#2-350	#2-350	None	41/8	8	15½	2	3/4	1/4	_		1/4
U1527-O	4	UG	Blank	#2-350	#2-350	None	41/8	11	15½	2	1/2	1/4	21/2	1/4, 1/2	1/4
U1980-O	4	UG	Blank	#6-350	#6-350	None	41/8	13	15½	3	21/2	1/4	1/2	_	<u> </u>
U7021-RL-TG	4	ОН	H.O.	#6-350	#6-350	None	41/8	8	15½	21/2	1/2	1/4	_	_	-
U7040-XL-TG	4	OH/UG	C.P.	#6-350	#6-350	None	41/8	11	15½	1/2	1/4	21/2			
U7043-XL-TG	4	OH/UG	C.P.	#6-350	#6-350	None	47/8	13	15½	2½	1/2	1/4	_		_

#### **Notes**

- Fifth terminal: For field-mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessories page.
- Connectors: Extruded aluminum connectors are tin-plated.





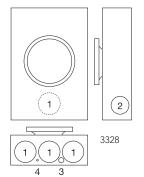
200 Amps | 4-7 Terminals | Ring-Type

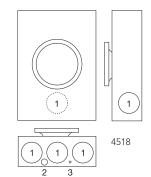


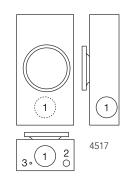
U3328-RXL

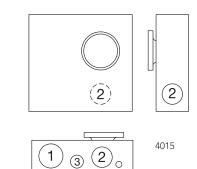


U4518-O-W









200 Amps | Ring-Type | Single Position

Catalog	Tamainal	Service	Hub	Connecto	ors CU/AL	Dunasa	Dir	nensi	ons		Knoc	kouts	
Number	Terminal	Service	пир	Line	Load	Bypass	D"	W"	H"	1	2	3	4
U4517-DL-M4	4	ОН	2"	#6-350	#6-350	None	41/8	8	15½	21/2	1/2	1/4	
U4518-XL-W	4	OH/UG	C.P.	#6-350	#6-350	None	41//8	11	15½	21/2	1/2	1/4	_
U4518-O-W	4	UG	Blank	#6-350	#6-350	None	41/8	11	15½	21/2	1/2	1/4	-
U4015-O	4	UG	Blank	#6-350	#6-350	None	6	14	161/4	3	21/2	1½	1/2
U3328-RXL	7	OH/UG	C.P.	#6-350	#6-350	None	47/8	13	19	3	21/2	1/2	1/4

#### **Notes**

- Fifth terminal: For field-mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on accessories page.
- Connectors: Extruded aluminum connectors are tin-plated.
- Sealing rings: The above ring-type units are supplied with a MR-4 screw-type sealing ring as standard.





# **Single Position Sockets**

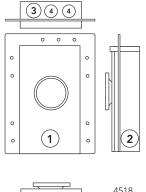
200 Amps | 4 Terminals | Flush-mount | Ring-Type



UF4518-KO



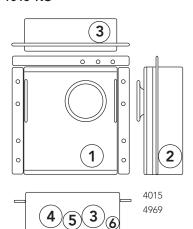
UF4015-KO



4518 (3)(5)(4)(4)



4517  $(1)_3(1)_0^2$ 



200 Amps | 4 Terminals | Flush-Mount | Ring-Type | Single Position

Catalog	Terminal	Comico	Hub	Connecto	ors CU/AL	Dunge	Din	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пир	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
UF4517-KO	4	ОН	K.O.	#6-350	#6-350	None	51/8	8	15½	2	1/2	1/4	_	_	
UF4518-KO	4	OH/UG	K.O.	#6-350	#6-350	None	51/8	11	15½	2	2	21/2	21/2	1/2	1/4
UF4015-KO	4	UG	K.O.	#6-350	#6-350	None	5	14	161/4	21/2	21/2	21/2	21/2	1½	1/2
UF4969-KO*	4	UG	K.O.	#6-350	#6-350	None	7½	14	161/4	21/2	21/2	2½	3	1½	1/2

#### **Notes**

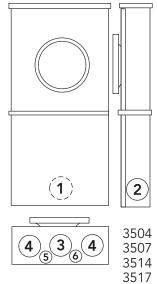
- Fifth terminal: For field-mounted fifth terminal order catalog number K5T to fit into square opening at the 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin-plated.
- Sealing rings: Ring-type units are supplied with a MR-4 screw-type sealing ring as standard.
- \* UF4969 can only be used in a 2 x 6 wall.





125-200 Amps | 4-7 Terminals | Ring-Type







U3504-XL U3517-XL

125 Amps | 4-7 Terminals | Ring-Type | Link Bypass | Single Position

Catalog	Terminal	Service	Hub	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пир	Line	Load	D"	W"	H"	1	2	3	4	5	6
U3504-XL	4	OH/UG	C.P.	#6-2/0	#6-2/0	47/8	10	18½	2	2	2	2	1/4	
U3507-XL	7	OH/UG	C.P.	#6-2/0	#6-2/0	47/8	10	21	2	2	2	2	1/4	

200 Amps | 4-7 Terminals | Ring-Type | Link Bypass | Single Position

Catalog	Terminal	Service	Hub	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts		
Number	Terminal	Service	пир	Line	Load	D"	W"	H"	1	2	3	4	5	6
U3514-XL	4	OH/UG	C.P.	#6-350	#6-350	47/8	13	21	21/2	21/2	3	3	1/4	1/2
U3517-XL	7	OH/UG	C.P.	#6-350	#6-350	47/8	13	241/2	21/2	21/2	21/2	21/2	1/4	1/2

#### Notes

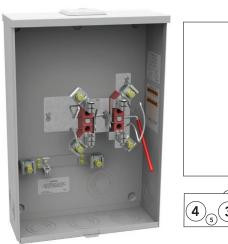
- Fifth terminal: For field-mounted fifth terminal, order catalog number 5T8K2 for the U3504; order K5T for the U3514.
- Connectors: Extruded aluminum connectors are tin-plated.
- Sealing rings: Ring-type units supplied with an MR-4 screw-type sealing ring as standard.
- Link bypass: Links provided by utility.

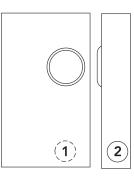




# **Lever Bypass Single Position**

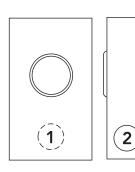
200 Amps | 4-5 Terminals | Ringless

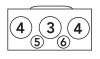












1211 9319

U3852-XL

200 Amps | 4 Terminals | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 1Ø3W

Catalog	Terminal	Comico	U.Ja	Connecto	ors CU/AL	Dunge	Din	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	6
U3852-XL	4	OH/UG	C.P.	#2-350	#2-350	Lever	47/8	13	19	3	21/2	21/2	21/2	1/4	1/2

#### **Notes**

- Fifth Terminal: Fifth terminal is not available for this unit.
- Triplex Ground: Factory-installed as standard.

#### 200 Amps | 4-5 Terminals | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

Catalog	Terminal	Camilaa	Hub	Connecto	ors CU/AL	Dumana	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пив	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	6
U1211-RXL	4	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	2½	3	3	1/4	1/2
U9319-XL	5	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	21/2	3	3	1/4	1/2

#### **Notes**

- Fifth terminal: For field-mounted fifth terminal, order as extra K3866 for the U1211.
- Hubs: For proper hub selection see the hub suffix chart on accessories page.
- Bypass: 200 Amps continuous duty bypass. Lever operates bypass only. Non-jaw-clamping.
- Connectors: Units are supplied with extruded aluminum connectors and bonded, triplex neutral.

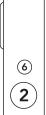




125-200 Amps | 7 Terminals | Ringless



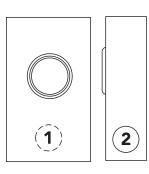


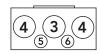


8100









9320 7422 7423

U7573-RL

U7422-RXL

#### 125-200 Amps | 7 Terminals | Ringless | No Bypass | Single Position | 3Ø4W

Catalog	A	Tavasiaal	Camiaa	Unik	Connecto	ors CU/AL	D	Din	nensi	ons		ا	Knoc	kouts		
Number	Amps	Terminal	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	6
U8100-RL	125	7	ОН	H.O	#6-2/0	#6-2/0	None	47/8	10	18½	2	2	2	_	1/2	3/4
U7422-RXL	200	7	OH/UG	C.P.	#6-350	#6-350	None	47/8	13	19	3	21/2	3	3	1/4	1/2

#### 125-200 Amps | 7 Terminals | Ringless | Non-Jaw Clamping Lever Bypass | Single Position | 3Ø4W

Catalog	Amara	Terminal	Samilea	ماريال	Connecto	ors CU/AL	Dunge	Din	nensi	ons		ا	Knoc	kouts	;	
Number	Amps	Terminai	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	6
U7573-RL	125	7	ОН	H.O.	#6-2/0	#6-2/0	Lever	47/8	10	18½	2	2	2	_	1/2	3/4,
U9320-RXL	125	7	OH/UG	C.P.	#6-2/0	#6-2/0	Lever	47/8	10	19	3	21/2	3	3	1/4	1/2
U7423-RXL	200	7	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	21/2	3	3	1/4	1/2

#### **Notes**

- **Hubs:** For proper hub selection see the hub suffix chart on accessories page.
- Bypass: 200 Amps continuous duty bypass. Lever operates bypass only. Non-jaw-clamping.
- Connectors: Extruded aluminum connectors are tin-plated. Units supplied with bonded, duplex neutral.





# **Lever Bypass Single Position**

200 Amps | 4-7 Terminals | Ringless



U9701-RXL



U9800-RRL



U9551-RXL



6 (2)

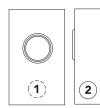








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200 Amps | 4-7 Terminals | Ringless | Jaw-Clamping Lever Bypass | Single Position | 1Ø3W or 3Ø3W

Catalog	Tamainal	Camilaa	Unik	Connecto	ors CU/AL	Dimen	Din	nensi	ons		ا	Knoc	kouts	;	
Number	Terminal	Service	пив	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
U9800-RRL*	4	ОН	H.O.	#6-350	#6-350	Lever	47/8	10	18½	3	2½	3		1/2	3/4
U9801-RXL*	4	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	21/2	3	3	1/4	1/2
U9550-RRL	5	ОН	H.O.	#6-350	#6-350	Lever	47/8	10	18½	3	21/2	3		1/2	3/4
U9551-RXL	5	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	21/2	3	3	1/4	1/2
U9700-RRL	7	ОН	H.O.	#6-350	#6-350	Lever	47/8	10	18½	3	21/2	3		1/2	3/4
U9701-RXL	7	OH/UG	C.P.	#6-350	#6-350	Lever	47/8	13	19	3	21/2	3	3	1/4	1/2

#### **Notes**

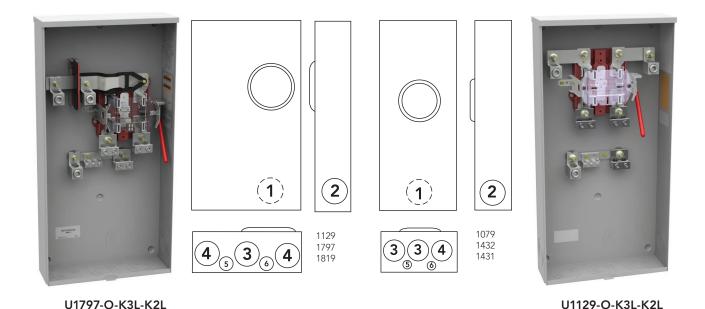
- Hubs: For proper hub selection see the hub suffix chart on accessories page.
- Bypass: Lever supplies clamping action and also operates bypass device.
- Connectors: Extruded aluminum connectors are tin-plated. U9550 and U9551 units are supplied with duplex neutral, with removable bonding strap for insulated neutral. U9700 series units are supplied with duplex neutral.





<sup>\*</sup>Internal Hex Connectors. For main and/or service disconnect, use with U5484-O enclosed circuit breaker.

320 Amps | 4 Terminals | Ringless



320 Amps | 4 Terminals | Ringless | Lever Bypass | Single Position

Catalog	Terminal	Camilaa	Hub	Connecto	ors CU/AL	D. un a a a	Dir	nensi	ons			Knoc	kouts	;	
Number	ierminai	Service	пив	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
U1079-R	4	ОН	H.O.	¾"x16	Studs	Lever	47/8	13	38¾	3½	2½	3	3	1/4	1/2
U1431-R*	4	OH/UG	H.O.	¾"x16	Studs	None	47/8	13	38¾	31/2	21/2	3	3	1/4	1/2
U1129-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	Lever	47/8	15	30	3	2½	3	3	1/4	1/2
U1432-O*	4	UG	Blank	¾"x16	Studs	None	47/8	13	29¾	3½	21/2	3	3	1/4	1/2
U1819-X*	4	UG	C.P.	3⁄8"x16	Studs	None	47/8	15	30	3	3	3	3	1/4	1/2
U1797-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-35	Lever	47/8	15	30	3	3	3	3	1/4	1/2

#### **Notes**

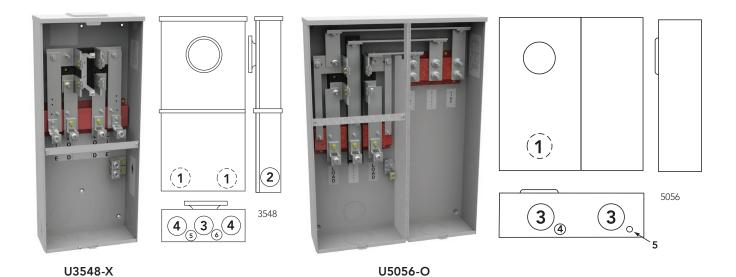
- Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
- Connector kits: Stud-type units are supplied with ½"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. Order K1539 (single #350), K1540 (single #600) or K1350 (twin #350). See accessories page. Note: The U1129 unit has a single connector on the line-side only.
- Fifth terminal: For field-mounted fifth terminal, order as extra K3866 for the U1079 and U1431. Order as extra K3865 for units U1129, U1432, U1819, and U1797.
- Lug size range: See accessories page for lug size range for the U1129 and U1797 units.
- \*Lever bypass supplies clamping action on meter spades only on the **U1431**, **U1432** and **U1819**. Lever supplies clamping action and also operates bypass device on the **U1079**, **U1129** and **U1797**.





# **Link Bypass Single Position**

320 Amps | 4 Terminals | Ring-Type



320 Amps | 4 Terminals | Ring-Type | Link Bypass | Single Position | 1Ø3W

Catalog	Terminal	Samina	Lluk	Connecto	rs CU/AL	Dunge	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	Hub	Line	Load	Bypass	D"	W"	H"	1	2	3	4	5	6
U3548-X*	4	OH/UG	C.P.		= 4-600 = 1/0-250	Link	6	14	33	3	3	3	3	1/4	1/2
U5056-O	4	UG	Blank	1/2"x13 Studs	#4-600 or Twin 1/0-250	Link	6	24	32	3	_	4	1/2	1/4	

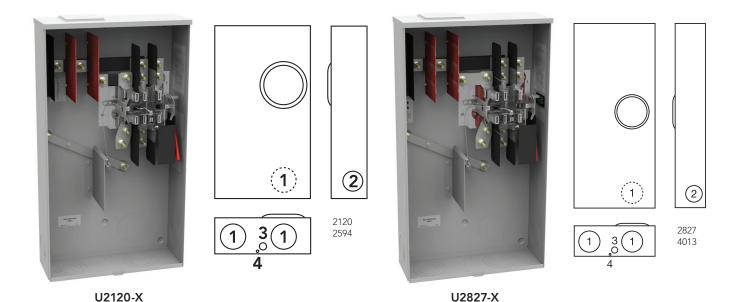
#### **Notes**

- Sealing ring: Ring-type units are supplied with an MR-4, screw-type, sealing ring as standard.
- Triple tap lug: For triple tap lug kit order K5049, wire range #6-250 kcmil.
- Link bypass: Links provided by utility.
- \* Flush-mount kit: For field-mounted flush-mount kit order K4086.





320 Amps 7 Terminals Ringless



320 Amps | 7 Terminals | Ringless | Lever Bypass | Single Position | Side Wireway

Catalog	Terminal	Comico	Ulida	Connecto	ors CU/AL	Democra	Dir	nensi	ons		Knoc	kouts	
Number	ierminai	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3	4
U4013-X	7	OH/UG	C.P.	¾"x16	Studs	Lever	6½	19	341/8	4	3	1	1/4
U2594-X	7	OH/UG	C.P.	¾"x16	Studs	Lever	6½	193/4	341//8	4	3	1	1/4
U2827-X*	7	OH/UG	C.P.	3%"x16	Studs	Non-bypass	61/2	17¾	31	4	3	1	1/4
U2120-X	7	UG	C.P.	3⁄8"x1€	Studs	Lever	61/2	17¾	31¾	4	3	1	1/4

#### **Notes**

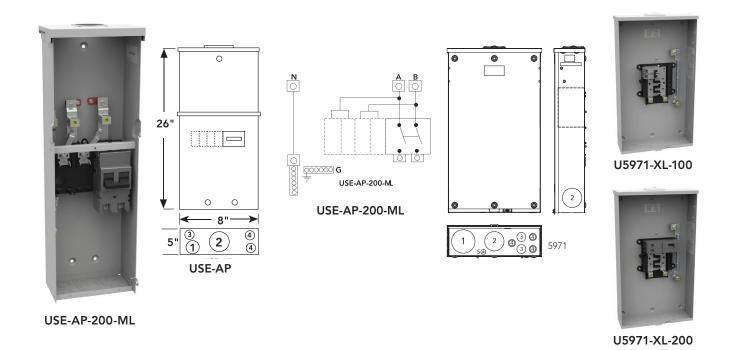
- Bypass: Lever supplies clamping action on meter spades and operates bypass device.
- \*U2827 has lever with jaw-clamping capabilities but no bypass.
- Connector kits: Stud-type units are supplied with %"x16 hex head nuts with Belleville washers. Order two connector kits to cover both line and load. For single lug connector kits for the U2120 and U2594 units, order as extra K3082 (350 kcmil) or K3441 (600 kcmil). For twin lug connectors, order as extra: K3442 (350 kcmil). Separate kits are required for both line and load





### **Service Entrance**

### 100-200 Amps | 4 Terminals | Main Breaker



#### 200 Amps | Breaker Enclosure | 1Ø3W | 120/240 Volt | 10K AIC Rating

Catalog	Torminal	Service	Hub	Connecto	ors CU/AL	Dii	nensi	ons		Knoc	kouts	
Number	Terminal	Service	пир	Line	Load	D"	W"	H"	1	2	3	4
USE-AP-200-ML	4	ОН	2"	#4-250	#4-250	5	8	26	1	2	3/4	3/4

#### **Notes**

• **USE-AP-200-ML:** 200 Amps main wired-in series with plug-in style bus. **UQFP-200** factory-installed. Additional 4 branch circuits available for (1) two-pole and (2) one-pole, or (4) one-pole breakers. **One 2" hub included**.

#### 100-200 Amps | Load Center with Main Breaker | 120/240V

Catalog Number	Main Breaker	Branch	Service	Hub	D	imensi	ons		Kr	nockou	ıts	
Catalog Number	Amps	Circuits	Service	пив	D"	W"	Н"	1	2	3	4	5
U5971-XL-100	100	10	OH/UG	C.P.	41/2	141/8	251/16	3	21/2	1	1/2,3/4	1/4,1/2
U5971-XL-200	200	8	OH/UG	C.P.	41/2	141//8	251/16	3	21/2	1	1/2,3/4	1/4,1/2

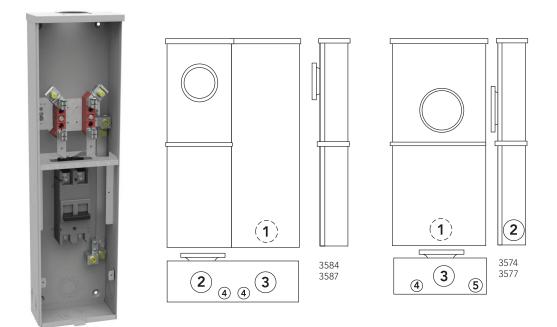
#### **Notes**

- AIC rating: 10K AIC rating.
- Line terminals: As specified on circuit breaker (300 kcmil max).
- Load terminals: As specified on circuit breakers (#1 AWG max).
- Breaker interlock: Order K5815 for 200 Amps or 150 Amps to 100 Amps breakers (large frame to small frame). Order K5820 for 200 Amps or 150 Amps to 200 Amps or 150 Amps breakers (large frame to large frame). Order K5830 for 100 Amps to 100 Amps (small frame to small frame).





### 200 Amps | 4-7 Terminals | Ring-Type



U3574-RL-200

#### 200 Amps | 4 Terminals | Ring-Type | 240V

Catalog	Terminal	Service	Dunalian	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	ierminai	Service	Breaker	Line	Load	D"	W"	H"	1	2	3	4	5	6
U3574-RL-200	4	ОН	200A-2P	#2-350	#3-300	41//8	8	30	2	2	2½	1/4	1/2	
U3584-O-200	4	UG	200A-2P	#6-350	#3-300	5½	141/8	26	3	3	3	1/2	_	

#### 200 Amps | 7 Terminals | Ring-Type | 120/208V

Catalog	Terminal	Comics	Dunalian	Connecto	ors CU/AL	Din	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	Breaker	Line	Load	D"	W"	H"	1	2	3	4	5	6
U3577-RL-200	7	ОН	200A-3P	#2-350	#3-300	47/8	10	34	2	2	2½	1/4	1/2	_
U3587-O-200	7	UG	200A-3P	#6-350	#3-300	5½	141/8	26	3	3	3	1/2	_	_

#### **Notes**

- Products meet NEC 2020 requirements.
- Breakers: Units are supplied with bolt-on 200 Amps circuit breakers where specified above.
- Sealing rings: Units are supplied with an MR-4 screw-type sealing ring.

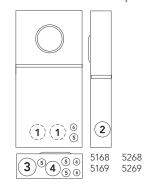




### Meter Main with Load Center

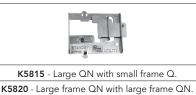
100–200 Amps | 4-5 Terminals | Ringless and Ring-Type







#### Generator Interlock



K5830 - Small frame Q to small frame Q.

U5268-XTL-200-KK

100-200 Amps | Meter Mains | 120/240V | 1Ø3W | Overhead/Underground

Catalan Number	Township of	Δ	Cincolina	Harb	Connectors	D	Dir	nensi	ons			Knoc	kouts		
Catalog Number	Terminal	Amps	Circuits	Hub	Line	Bypass	D"	W"	Н"	1	2	3	4	5	6
U5168-XTL-100*	4	100	10	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-150*	4	150	8	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-200*	4	200	8	C.P.	#6-350	None	41/2	141//8	32	2	2	3	21/2	1	3/4
U5168-XTL-100-KK*	4	100	10	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-150-KK*	4	150	8	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-200-KK*	4	200	8	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-100-KK-5T*	5	100	10	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5168-XTL-150-KK-5T*	5	150	8	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5169-XTL-100	4	100	10	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5169-XTL-150	4	150	8	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5169-XTL-200	4	200	8	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5268-XTL-150*	4	150	20	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5268-XTL-200*	4	200	20	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4
U5268-XTL-150-KK*	4	150	20	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5268-XTL-200-KK*	4	200	20	C.P.	#6-350	Horn	41/2	141/8	32	2	2	3	21/2	1	3/4
U5269-XTL-200	4	200	20	C.P.	#6-350	None	41/2	141/8	32	2	2	3	21/2	1	3/4

#### **Notes**

- Products meet NEC 2020 requirements.
- Hubs: Supplied with (two) closing plates packed inside. Order hubs as a separate item. See accessories page for hub options.
- Interior: U5168 units have 8-circuit interior; U5268 units have 20-circuit interior.
- Fifth terminal: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- Branch breakers: Series rated 22K AIC with Milbank QNR2200H main installed.
- Interlock kit: For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN; order K5830 for small frame Q with small frame Q.
- Sub-feed lugs: #6-350 kcmil sub-feed lugs provided on 8 and 10 circuit interior. Not available on 20 circuit interior.
- Amps rating limited to main breaker rating.
- \*Ringless



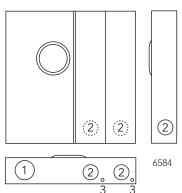


# **Heavy Duty Lever Bypass Meter Mains**

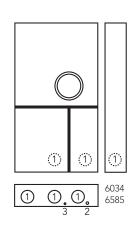
27

320 Amps | 4 Terminals | Ringless









U6584-O-2200-BL

U6585-X-2/200-5T9

#### 320 Amps | 4 Terminals | Ringless | 1Ø3W | 22K AIC Rating

Catalan Number	Terminal	Service	Primary	Secondary	D	Dir	nensio	ons	Kn	ockou	uts
Catalog Number	rerminai	Service	Disconnect	Disconnect	Bypass	D"	W"	Н"	1	2	3
U6034-O-2/200	4	OH/UG	200 Amp/2-pole Circuit Breaker	200 Amp/2-pole Circuit Breaker	None	47/8	201⁄4	45	3	1/2	1/4
U6585-O-2/200-5T9	4	OH/UG	200 Amp/2-pole Circuit Breaker	200 Amp/2-pole Circuit Breaker	Lever	47/8	201/4	45	3	1/2	1/4
U6584-O-2/200	4	UG	200 Amp/2-pole Circuit Breaker	200 Amp/2-pole Circuit Breaker	Lever	47/8	20½	45	3	1/2	1/4

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Amperage rating: 400 Amps, 320 Amps continuous.
- Neutral: Bonded neutral and ground factory-installed.
- Flush-mount: Flush-mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short circuit current withstand rating: 22K AIC Standard.
- Bypass: Lever supplies clamping action and operates bypass device.
- Fifth terminal: For field-installed fifth terminal for the U5059 and U5759, order separately catalog number K3866.
- Conversion kit: To field convert M400 UG units to OH, order K4787-F. Includes connectors (#2-600).
- <sup>1</sup> 200 Amps primary disconnect factory-installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**
- <sup>2</sup> Line-side connector kits: Two 1/2" studs per phase on 1-3/4" centers. Factory-installed for the **U5759**, for the **U5059** order anti-rotation connector kit **K1540L** to accommodate #4-600 kcmil single or **K1350L** for twin 350 kcmil connectors.
- \* Lever supplies clamping action only–does NOT operate bypass on the **U5759**.
- \*\* Lug kit: Mechanical lug kit available for M400-APS-UG, order K4920 (#2-500).





## Meter Main with Split Load

320 Amps | 4 Terminals | Ring-Type







U6093-R-2-200

#### 320 Amps | 4 Terminals | Ring-Type | 1Ø3W | NEMA 3R | 120/240V

Catalog	Service	Primary	Secondary	D	Dir	nensi	ons		Kn	ocko	uts	
Number	Service	Disconnect	Disconnect	Bypass	D"	W"	Н"	1	2	3	4	5
U6092-R-2-200	ОН	200 Amp/2-Pole Circuit Breaker	See Note <sup>1</sup>	None	61/8	91/2	471/8	2	2	2	11/2	3/4
U6093-R-2-200	ОН	200 Amp/2-Pole Circuit Breaker	See Note <sup>1</sup>	Link	6	11½	47	2½	2½	3	3	3/4

#### **Notes**

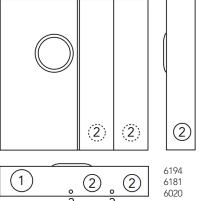
- NEC 2020: Products are NEC 2020 compliant.
- Amperage rating: 400 Amps, 320 Amps continuous.
- Neutral: Bonded neutral and ground factory-installed.
- Line-side connectors: Connectors provided for 4-600 or twin 1/0-250.
- Overhead: Overhead units include one 3" hub.
- <sup>1</sup> 200 Amps primary disconnect factory-installed. Order secondary disconnect separately. Specify UQFPH-100, 125, 150, 175 or 200.



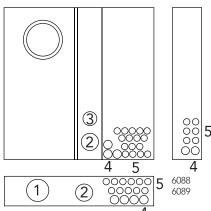


320 Amps | 4 Terminals | Ring-Type









U6020-O-2/200

320 Amps | 4 Terminals | Ring-Type | 1Ø3W | NEMA 3R | 120/240V

Catalog	Service	Primary	Secondary	Pyroce	Din	nensi	ons		Kn	ocko	uts	
Number	Service	Disconnect	Disconnect	Bypass	D"	W"	H"	1	2	3	4	5
U6194-O-1/200 <sup>1</sup>	UG	200 Amp/2-Pole Circuit Breaker	See Note <sup>1</sup>	None	51/8	24	36	4	2	_	_	_
U6181-O-1/200 <sup>1</sup>	UG	200 Amp/2-Pole Circuit Breaker	See Note <sup>1</sup>	Link	51/8	24	36	4	2	_	_	_
U6088-O-2-200 <sup>4</sup>	UG	200 Amp/2-Pole Circui	None	6	33	40	4	2½	1½	1	3/4	
U6089-O-2-200 <sup>4</sup>	UG	200 Amp/2-Pole Circuit Breaker		Link	6	33	40	4	2½	1½	1	3/4
U6020-O-2/200 <sup>3</sup>	UG	200 Amp/2-Pole Circui	t Breaker	Link	6	3213/16	397/8	4	3	1/2	_	_

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Amperage rating: 400 Amps, 320 Amps continuous.
- EUSERC: Meets EUSERC requirements. Consult local utility for approval before ordering or installing.
- Neutral: Bonded neutral and ground factory-installed.
- Line-side connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Load side connectors: 1/0-300
- Flush-mount: Flush-mount kit included with U6194, U6181, U6088 and U6089. Available for other underground units. Order catalog number FK-M400-UG separately.
- Short circuit current withstand rating: 22K AIC standard, 200K AIC standard on T-fuse models.
- Lug kit: Mechanical lug kit available, order K4920 (#2-500).
- Conversion kit: To field convert UG units to OH, order K4787-F.
- <sup>1</sup>200 Amps primary disconnect factory-installed. Order secondary disconnect separately. Specify **UQFPH-100**, **125**, **150**, **175** or **200**.
- <sup>3</sup> Two 200 Amps two-pole bolt-on **UQFBH** main breakers factory-installed.
- <sup>4</sup> Breakers: Two 200 Amps two-pole main breakers factory-installed, and semi-flush flange kit packed inside meter section. Universal Copper 24/40 Circuit interior accepts Challenger, GE, Murrary, Siemens/ITE and Cutler-Hammer/Westinghouse universal type plug-in branch circuit breakers.





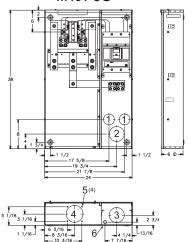


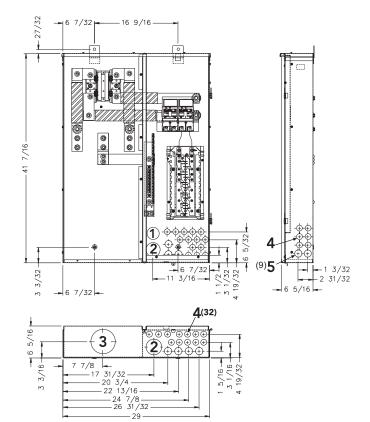
### **Meter Main Combination**

320 Amps | 4 Terminals | Ring-Type



M401-UG





M400-UG-APS-LC (see previous page for details)

320 Amps Main Breaker | 4 Terminals | Ring-Type | 1Ø3W | NEMA 3R | 120/240V

Catalog	Terminal	Service	Main	Dunge	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	ierminai	Service	Disconnect	Bypass	Line	Load	D"	W"	Н"	1	2	3	4	5	6
M401-UG	4	UG	(1) 400 Amp 2-pole Breaker	None	Studs	C.B.*	6	24	38	2½	3½	3½	4	1/4	1/2
M401-UG-BS	4	UG	(1) 400 Amp 2-pole Breaker	Link	Studs	C.B.*	6	24	38	2½	3½	3½	4	1/4	1/2

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Amperage rating: 400 Amps, 320 Amps continuous.
- Neutral: Bonded neutral and ground factory-installed.
- Load side connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Lug kit: Mechanical lug kit available, order K4920 (#2-500).
- Flush-mount: Flush-mounting available on underground units. Order catalog number FK-M400-UG separately.
- Short circuit current withstand rating: 22K AIC standard.
- \* C.B. load side (1) or (2) copper conductors 3/0-500, (2) aluminum conductors 4/0-500 or (1) aluminum conductor 250-500.

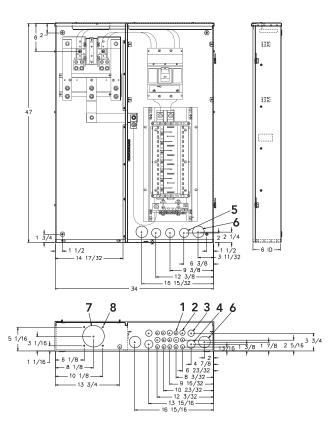




320 Amps | 4 Terminals | Ring-Type



M404-UG-LC



320 Amps Main With Circuit Load Center | 4 Terminals | Ring-Type | 1Ø3W | 120/240V

Catalog	Torminal	Samina	Primary	Secondary	Dymaga	Din	nensi	ons				Knoc	kouts	;		
Number	rerminai	Service	Disconnect	Secondary Disconnect	Bypass	D"	W"	Н"	1	2	3	4	5	6	7	8
M404-UG-LC*	4	UG	400 Amp 2-pole Breaker	NA	None	6	34	47	1/2	3/4	1	11/4	11/2	2	4	1/4
M404-UG-LC-BS*	4	UG	400 Amp 2-pole Breaker	NA	Link	6	34	47	1/2	3/4	1	11/4	1½	2	4	1/4

#### **Notes**

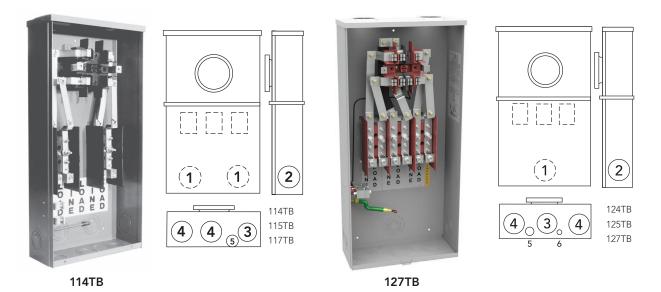
- NEC 2020: Products are NEC 2020 compliant.
- Amperage rating: 400 Amps, 320 Amps continuous.
- Neutral: Bonded neutral and ground factory-installed.
- Line-side connectors: Two 1/2" studs per phase on 1-3/4" centers.
- Flush-mount: Flush-mounting available on underground units. Order catalog number FK-M404-UGLC separately.
- Short circuit current withstand rating: 22K AIC standard.
- Lug kit: Mechanical lug kit available, order K4920 (#2-500).
- Branch breakers: Use Siemens, Cutler-Hammer, GE or Siemens/Murray breakers to maintain 22K rating.
- \* Includes a 30-circuit load center.





# **Test Block Bypass/Safety Sockets**

100-200 Amps | 4-7 Terminals | Ring-Type



100 Amps | 4-7 Terminals | Ring-Type | 600V Self-Contained | Socket Only

Catalog	Terminal	Service	Type of	Connectors CU/AL	Din	nensi	ons			Knoc	couts		
Number	Terminai	Service	Service	Line and Load	D"	W"	H"	1	2	3	4	5	6
114TB*	4	OH/UG	1Ø3W*	#6-1/0	45/8	12	25	2	2	1½	2	1/2	_
115TB	5	OH/UG	3Ø3W	#6-1/0	45/8	12	25	2	2	1½	2	1/2	_
117TB	7	OH/UG	3Ø4W	#6-1/0	45/8	12	25	2	2	1½	2	1/2	_

200 Amps | 4-7 Terminals | Ring-Type | 600V Self-Contained | Socket Only

Catalog	Ti	C i	Type of	Connectors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	Terminal	Service	Service	Line and Load	D"	W"	H"	1	2	3	4	5	6
124TB*	4	OH/UG	1Ø3W*	#1/0-250	6	14	30	2½	2½	3	3	1/4	1/2, 1/4
125TB	5	OH/UG	3Ø3W	#1/0-250	6	14	30	2½	21/2	3	3	1/4	1/2, 1/4
127TB	7	OH/UG	3Ø4W	#1/0-250	6	14	30	2½	21/2	3	3	1/4	1/2, 1/4

#### **Notes**

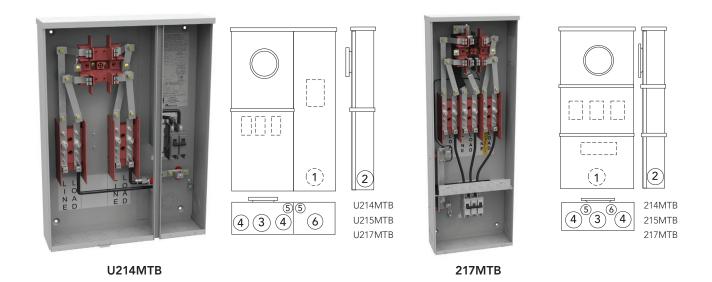
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- Ring protector: Add suffix -RP to catalog number for factory-installed ring protector (ex. 117TB becomes 117TB-RP).
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

### SHORT CIRCUIT CURRENT WITHSTAND RATING UP TO 200K AIC DEPENDING ON OVERCURRENT PROTECTION DEVICE USED





100 Amps | 4-7 Terminals | Ring-Type | 10K AIC



100 Amps | 4-7 Terminals | Ring-Type | 240V Self-Contained | Circuit Breaker

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Din	nensi	ons			Knoc	kouts		
Number	Terminai	Service	Service	Line	Load	D"	W"	H"	1	2	3	4	5	6
214MTB*	4	ОН	1Ø3W*	#6-2/0	#14-1/0	45/8	12	34	2	2	2	1½	_	1/2
215MTB	5	ОН	3Ø3W	#6-2/0	#14-1/0	45/8	12	34	2	2	2	1½	_	1/2
217MTB	7	ОН	3Ø4W	#6-2/0	#14-1/0	45/8	12	34	2	2	2	1½	_	1/2
U214MTB*	4	OH/UG	1Ø3W*	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	3/4	1½
U215MTB	5	OH/UG	3Ø3W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	3/4	11/2
U217MTB	7	OH/UG	3Ø4W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	3/4	1½

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

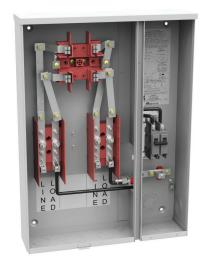
These UL-listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.

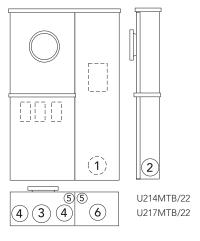




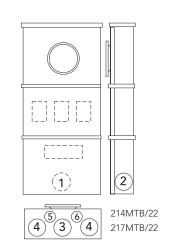
# **Test Block Bypass/MTB Series**

100 Amps | 4-7 Terminals | Ring-Type | 22K AIC









U214MTB/22 217MTB/22

#### 100 Amps | 4-7 Terminals | Ring-Type | 240V Self-Contained | Circuit Breaker

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	Service	Line	Load	D"	W"	Н"	1	2	3	4	5	6
214MTB/22*	4	ОН	1Ø3W*	#6-2/0	#14-1/0	45/8	12	34	2	2	2	1½		1/2
217MTB/22	7	ОН	3Ø4W	#6-2/0	#14-1/0	45/8	12	34	2	2	2	1½		1/2
U214MTB/22*	4	OH/UG	1Ø3W*	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	3/4	1½
U217MTB/22	7	OH/UG	3Ø4W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	3/4	1½

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

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

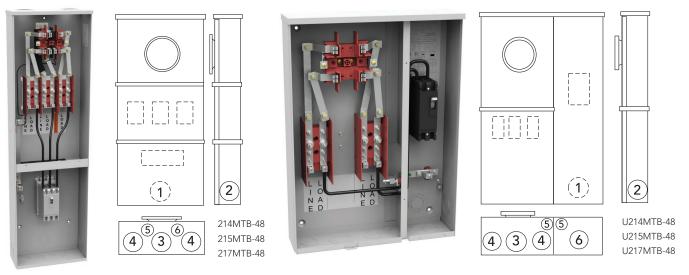




## **Test Block Bypass/MTB Series**

35

100 Amps | 4-7 Terminals | Ring-Type | 14K AIC | 480V



217MTB-48 U214MTB-48

#### 100 Amps | 4-7 Terminals | Ring-Type | 480V Self-Contained | Circuit Breaker

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Din	nensi	ons			Knoc	kouts		
Number	ierminai	Service	Service	Line	Load	D"	W"	H"	1	2	3	4	5	6
214MTB-48*	4	ОН	1Ø3W*	#6-2/0	#14-1/0	6	14	48	2½	21/2	3	3	1/4	1/2
215MTB-48	5	ОН	3Ø3W	#6-2/0	#14-1/0	6	14	48	21/2	21/2	3	3	1/4	1/2
217MTB-48	7	ОН	3Ø4W	#6-2/0	#14-1/0	6	14	48	2½	21/2	3	3	1/4	1/2
U214MTB-48*	4	OH/UG	1Ø3W*	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2 ,3/4	1½
U217MTB-48	7	OH/UG	3Ø4W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2 ,3/4	11/2

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- **Sealing rings:** Units furnished with **MR-2** snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

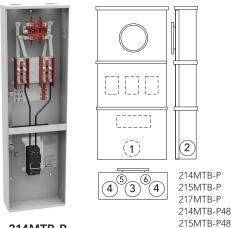
These UL-listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.





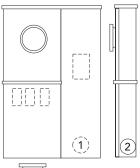
# 36 Test Block Bypass/MTB-P and MTB-P48 Series

100 Amps | 4-7 Terminals | Ring-Type | 200K AIC











U214MTB-P U215MTB-P U217MTB-P U214MTB-P48 U215MTB-P48 U217MTB-P48

214MTB-P

U217MTB-P

100 Amps | 4-7 Terminals | Ring-Type | 240V Self-Contained | T-Fuse Pullout

217MTB-P48

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	Terminal	Service	Service	Line	Load	D"	W"	H"	1	2	3	4	5	6
214MTB-P*	4	ОН	1Ø3W*	#1/0-250	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
215MTB-P	5	ОН	3Ø3W	#1/0-250	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
217MTB-P	7	ОН	3Ø4W	#1/0-250	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
U214MTB-P*	4	OH/UG	1Ø3W*	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2, 3/4	11/2
U215MTB-P	5	OH/UG	3Ø3W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2, 3/4	1½
U217MTB-P	7	OH/UG	3Ø4W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2, 3/4	1½

#### 100 Amps | 4-7 Terminals | Ring-Type | 480V Self-Contained | T-Fuse Pullout

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Din	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	Service	Line	Load	D"	W"	Н"	1	2	3	4	5	6
214MTB-P48*	4	ОН	1Ø3W*	#6-2/0	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
215MTB-P48	5	ОН	3Ø3W	#6-2/0	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
217MTB-P48	7	ОН	3Ø4W	#6-2/0	#14-1/0	6	14	48	2½	2½	3	3	1/4	1/2
U214MTB-P48*	4	OH/UG	1Ø3W*	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2, 3/4	11/2
U215MTB-P48	5	OH/UG	3Ø3W	#6-2/0	#14-1/0	45/8	18	25	2	2	2½	1½	1/2, 3/4	1½
U217MTB-P48	7	OH/UG	3Ø4W	#6-2/0	#14-1/0	45/8	18	25	2	2	21/2	1½	1/2, 3/4	1½

#### Notes

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- Pull-outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

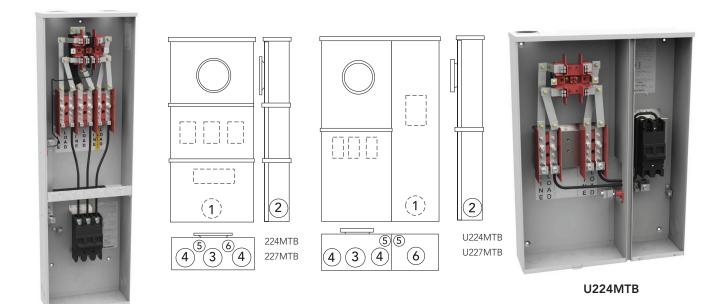
These UL-listed products are for use in areas requiring

Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.





200 Amps | 4-7 Terminals | Ring-Type | 10K AIC



**227MTB** 

### 200 Amps | 4-7 Terminals | Ring-Type | Circuit Breaker

			<u> </u>	•											
Catalog	Tamainala	Volte	Comico	Type of		ors CU/AL	Di	mens	ions			Knocl	kouts		
Number	Terminals	Volts	Service	Service	Line	Load	D"	W"	H"	1	2	3	4	5	6
224MTB*	4	240	ОН	1Ø3W*	#6-250	#2/0-250	6	14	48	2½	2½	3	3	1/2	1/4
227MTB	7	120/208	ОН	3Ø4W	#6-250	#2/0-250	6	14	48	2½	2½	3	3	1/2	1/4
U224MTB*	4	240	OH/UG	1Ø3W*	#6-250	#2/0-250	6	223/4	30	2½	2½	2½	1½	1/2,3/4	1½
U227MTB	7	120/208	OH/UG	3Ø4W	#6-250	#2/0-250	6	223/4	30	2½	2½	21/2	1½	1/2,3/4	11/2

### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

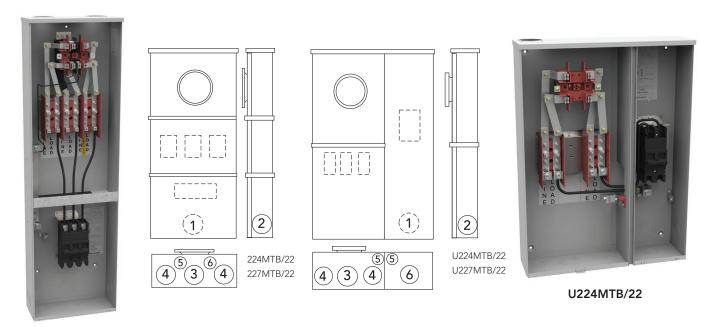
These UL-listed products are for use in areas requiring Electrical Utility Service Equipment Requirements Committee (EUSERC) compliance.





# **Test Block Bypass/MTB Series**

200 Amps | 4-7 Terminals | Ring-Type | 22K AIC



227MTB/22

### 200 Amps | 4-7 Terminals | Ring-Type | 240V Self-Contained | Circuit Breaker

Catalog	Catalog Terminal		Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	Service	Line	Load	D"	W"	Н"	1	2	3	4	5	6
224MTB/22*	4	ОН	1Ø3W*	#6-250	#2/0-250	6	14	48	21/2	21/2	3	3	1/2	1/4
227MTB/22	7	ОН	3Ø4W	#6-250	#2/0-250	6	14	48	21/2	21/2	3	3	1/2	1/4
U224MTB/22*	4	OH/UG	1Ø3W*	#6-250	#2/0-250	6	22¾	30	21/2	21/2	21/2	11/2	1/2 ,3/4	11/2
U227MTB/22	7	OH/UG	3Ø4W	#6-250	#2/0-250	6	22¾	30	21/2	21/2	21/2	11/2	1/2 ,3/4	11/2

### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

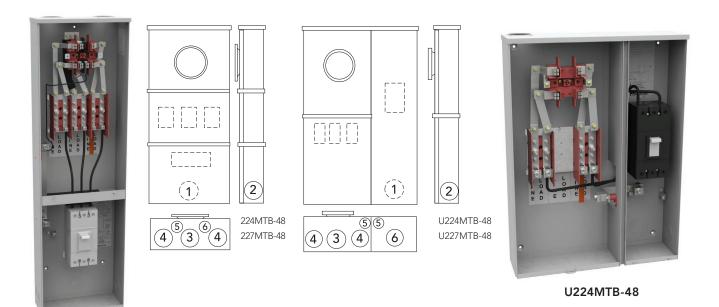




# **Test Block Bypass/MTB Series**

39

200 Amps | 4-7 Terminals | Ring-Type | 35K AIC | 480V



227MTB-48

### 200 Amps | 4-7 Terminals | Ring-Type | 480V Self-Contained | Circuit Breaker

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	Service	Line	Load	D"	W"	Н"	1	2	3	4	5	6
224MTB-48*	4	ОН	1Ø3W*	#6-250	#2/0-250	6	22¾	30	2½	2½	3	21/2	1/2	1/4
U224MTB-48	4	OH/UG	1Ø3W*	#6-250	#2/0-250	6	22¾	30	2½	2½	3	21/2	1/2	1/4
227MTB-48	7	ОН	3Ø4W	#6-250	#2/0-250	6	14	48	2½	21/2	3	3	1/2	1/4
U227MTB-48	7	OH/UG	3Ø4W	#6-250	#2/0-250	6	22¾	30	21/2	21/2	21/2	11/2	1/2,3/4	1½

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant
- Replacement main disconnects: For replacement main disconnect see accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.

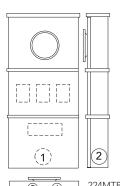




# Test Block Bypass/MTB-P and MTB-P48

200 Amps | Ring-Type | 200K AIC

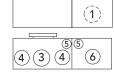


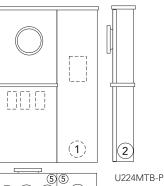




224MTB-P 225MTB-P 227MTB-P 224MTB-P48 225MTB-P48 227MTB-P48







U227MTB-P U224MTB-P48 U227MTB-P48

224MTB-P

200 Amps | 4-7 Terminals | Ring-Type | 240V Self-Contained | T-Fuse Pullout

Catalog	Catalog Terminal		Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	Terminai	Service	Service	Line	Load	D"	W"	H"	1	2	3	4	5	6
224MTB-P*	4	ОН	1Ø3W*	#6-250	#1/0-250	6	14	48	2½	2½	3	3	1/4	1/2
225MTB-P	5	ОН	3Ø3W	#6-250	#1/0-250	6	14	48	21/2	21/2	3	3	1/4	1/2
227MTB-P	7	ОН	3Ø4W	#6-250	#1/0-250	6	14	48	21/2	21/2	3	3	1/4	1/2
U224MTB-P*	4	OH/UG	1Ø3W*	#6-250	#1/0-250	6	223/4	30	21/2	21/2	3	2½	1/2 ,3/4	21/2
U227MTB-P	7	OH/UG	3Ø4W	#6-250	#1/0-250	6	223/4	30	21/2	21/2	3	2½	1/2 ,3/4	21/2

### 200 Amps | 4-7 Terminals | Ring-Type | 480V Self-Contained | T-Fuse Pullout

Catalog	Terminal	Service	Type of	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	Service	Line	Load	D"	W"	Н"	1	2	3	4	5	6
224MTB-P48*	4	ОН	1Ø3W*	#6-250	#1/0-250	6	14	48	2½	2½	3	3	1/4	1/2
225MTB-P48	5	ОН	3Ø3W	#6-250	#1/0-250	6	14	48	2½	2½	3	3	1/4	1/2
227MTB-P48	7	ОН	3Ø4W	#6-250	#1/0-250	6	14	48	2½	21/2	3	3	1/4	1/2
U224MTB-P48*	4	OH/UG	1Ø3W*	#6-250	#1/0-250	6	223/4	30	2½	2½	3	2½	1/2 ,3/4	21/2
U227MTB-P48	7	OH/UG	3Ø4W	#6-250	#1/0-250	6	223/4	30	2½	2½	3	2½	1/2 ,3/4	21/2

### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Replacement main disconnects: For replacement main disconnect see pages accessories pages.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plates.
- Sealing rings: Units furnished with MR-2 snap-style sealing rings.
- Pull-outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 3W (208Y/120) network service, install field-mounted fifth terminal catalog number 105J. See accessories page.





All-In-One Series | 100-200 Amps | 10K and 200K AIC



U227MTBL

### 100-200 Amps | 240V Meter Main | Circuit Breaker/T-Fuse Pullout

Catalog	Dating	No. Internal	Main Circuit Breaker	Din	nensi	ions	Bottom	Back
Number	Rating	Circuits	Or Fuse Pullout	D"	W"	Н"	Knockouts	Knockouts
U214MTBL*	100A,120/240V 1Ø3W	12/24	100A, 2P, 10K Milbank Q2100	45%	25	24¾	Utility Section	
U214MTBPL*	100A,120/240V 1Ø3W	12/24	100A, 2P, 200K Boltswitch PT223	45%	25	24¾	(1) ½" (3) 1¼", 1½", 2", 2½"	Customer Section
U217MTBL	100A, 240∆/120; 208Y/120V 3Ø4W	18/36	100A, 3P, 10K Siemens BQ3100	45/8	25	24¾	(3) 1/2", 3/4"	(7) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U217MTBPL	100A, 240∆/120; 208Y/120V 3Ø4W	18/36	100A, 3P, 200K Boltswitch PT323	45%	25	24¾	(1) ½", ¾", 1", 1¼" (2) ¾", 1", 1¼", 1½"	
U224MTBL*	200A,120/240V 1Ø3W	20/40	200A, 2P, 10K Milbank UQFP-200	6	27	30	Utility Section (1) ½", ¾"	
U224MTBPL*	200A,120/240V 1Ø3W	20/40	200A, 2P, 200K Boltswitch PT224	6	27	30	(2) 1¼", 1½", 2", 2½" (1) 2½", 3"	Customer Section
U227MTBL	200A, 240∆/120; 208Y/120V 3Ø4W	24/42	200A, 3P, 10K Siemens QJ23B200	6	27	30	Customer Section (11) ½"	(6) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"
U227MTBPL	200A, 240∆/120; 208Y/120V 3Ø4W	24/42	200A, 3P, 200K Boltswitch PT324	6	27	30	(2) ½", ¾" (1) ½", ¾", 1", 1½" (2) ¾", 1", 1¼", 1½"	

#### Notes

- NEC 2020: Products are NEC 2020 compliant.
- Line: Underground or overhead service. Line Lug: 100A, 14-1/0 and 200A 1/0-250.
- Load: Exit below load center only.
- Branch breakers: Single phase units—approved for Siemens/ITE Type Q, Challenger, Cutler-Hammer/Westinghouse, General Electric, Murray. Three phase units—approved for Siemens/ITE Type Q.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plate.
- Pull-outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 208Y/120 applications, order field kit 105J separately and install.





# **Test Block Bypass/MTBL**

All-In-One Series | 100-200 Amps | 22K AIC



U227MTBL

### 100-200 Amps | 240V Meter Main | Circuit Breaker/T-Fuse Pullout

Catalog	Datin	No. Internal	Main Circuit Breaker	Din	nensi	ions	Bottom	Back		
Number	Rating	Circuits	Or Fuse Pullout	D"	w"	Н"	Knockouts	Knockouts		
U214MTBL/22	100A,120/240V 1Ø3W	12/24	100A, 2P, 200K Boltswitch PT223	45/8	25	24¾	(3) 1¼", 1½", 2",	Customer Section		
U217MTBL/22	100A, 240∆/120; 208Y/120V 3Ø4W	18/36	100A, 3P, 200K Boltswitch PT323	4%	25	24¾	2½"  Customer Section (3) ½", ¾" (1) ½", ¾", 1", 1¼" (2) ¾", 1", 1¼", 1½"	(7) ½" (4) ½", ¾" (1) ¾", 1", 1¼", 1½"		
U224MTBL/22	200A,120/240V 1Ø3W	20/40	200A, 2P, 200K Boltswitch PT224	6	27	30	Utility Section (1) ½", ¾" (2) 1¼", 1½", 2",			
U227MTBL/22	200A, 240∆/120; 208Y/120V 3Ø4W	24/42	200A, 3P, 200K Boltswitch PT324	6	27	30	2½" (1) 2½", 3" Customer Section (11) ½" (2) ½", ¾" (1) ½", ¾", 1", 1¼" (2) ¾", 1", 1¼", 1½"	Customer Section (6) ½" (4) ½", ¾" (1) ¾", 1", 1½"		

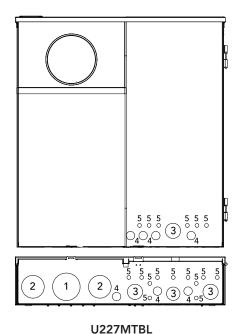
### **Notes**

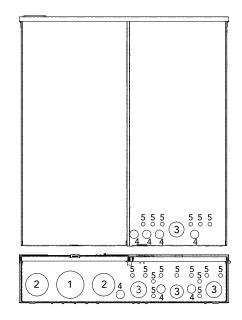
- NEC 2020: Products are NEC 2020 compliant.
- Line: Underground or overhead service. Line Lug: 100A, 14-1/0 and 200A 1/0-250.
- Load: Exit below load center only.
- Branch breakers: Single phase units—approved for Siemens/ITE Type Q, Challenger, Cutler-Hammer/Westinghouse, General Electric, Murray. Three phase units—approved for Siemens/ITE Type Q.
- Hubs: OH units use hub up to 2-1/2" (see accessories page). Units provided with closing plate.
- Pull-outs: For use with T-fuses only. Fuses are included with fused safety sockets.
- \* For 208Y/120 applications, order field kit 105J separately and install.



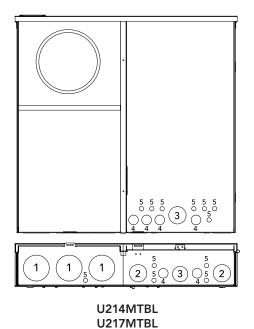


Knockout Information





U227MTBPL



Knockouts									
1	2	3	4	5					
2½	1½	11/4	3/4	1/2					
2½	1½	11/4	3/4	1/2					
3	2½	1½	3/4	1/2					
3	21/2	11/2	11/4	3/4					
	2½	1 2 2½ 1½ 2½ 1½ 3 2½	1         2         3           2½         1½         1¼           2½         1½         1¼           3         2½         1½	1     2     3     4       2½     1½     1¼     ¾       2½     1½     1¼     ¾       2½     1½     1¼     ¾       3     2½     1½     ¾					





# Safety Socket Replacement

Circuit Breakers

### **Replacement Circuit Breakers**

Catalog Number	Circuit Breaker
214MTB	BQ2B100L
214MTB-48	ED42B100
214MTB/22	BQ2B100HL
U214MTB	BQ2B100L
U214MTB-48	ED42B100
U214MTB/22	BQ2B100HL
U214MTBL	Q2100
215MTB	BQ3B100L
215MTB-48	ED43B100L
U215MTB	BQ3B100L
U215MTB-48	ED43B100L
217MTB	BQ3B100L
217MTB48	ED43B100L
217MTB/22	BQ3B100HL
U217MTB	BQ3B100L
U217MTB-48	ED43B100L
U217MTB/22	BQ3B100HL
U217MTBL	BQ3B100L
224MTB	UQFB-200
224MTB/22	UQFBH-200
U224MTB	UQFB-200
U224MTB-48	FXD62B200
U224MTB/22	UQFBH-200
U224MTBL	UQFB-200
U225MTB	UQFB-3200

Catalog Number	Circuit Breaker
	breaker
227MTB	UQFB-3200
227MTB-125	UQFB-3125
227MTB-150	UQFB-3150
227MTB-175	UQFB-3175
227MTB-48	FXD63B200L
227MTB/22	QJH23B200L
U227MTB	UQFB-3200
U227MTB-125	UQFB-3125
U227MTB-150	UQFB-3150
U227MTB-175	UQFB-3175
U227MTB-48	FXD63B200L
U227MTB/22	QJH23B200L
U227MTBL	QJ23B200

### Lug Kits for Circuit Breakers

Siemens Circuit Breaker	Number of Lug Collars Required
ED42B100	(2) LN13100
ED43B100	(3) LN1E100
FXD62B200	(4) TA1FD350
FXD63B200	(6) TA1FD350
QJ22B200H	(2) TA1Q300
QJ23B200	(1) TA1Q300
QJH23B200L	(1) TA1Q300

### Note

When replacing Siemens Circuit Breaker (FXD,ED,QJ) in safety sockets, lug collars must be ordered from Siemens separately.





# Safety Socket Replacement

T-Fuse Pullouts

### **Replacement T-Fuse Pullouts**

Catalog Number	Circuit Breaker	Mfg.	Part Number
214MTB-P	PT223	Boltswitch	707674-MO
214MTB-P48	PT263	Boltswitch	708564-MO
U214MTB-P	PT223	Boltswitch	707674-MO
U214MTB-P48	PT263	Boltswitch	708564-MO
U214MTBPL	PT223	Boltswitch	707674-MO
215MTB-P	PT323	Boltswitch	708565-MO
215MTB-P48	PT363	Boltswitch	708566-MO
U215MTB-P	PT323	Boltswitch	708565-MO
U215MTB-P48	PT363	Boltswitch	708566-MO
217MTB-P	PT323	Boltswitch	708565-MO
217MTB-P48	PT363	Boltswitch	708566-MO
U217MTB-P	PT323	Boltswitch	708565-MO
U217MTB-P48	PT363	Boltswitch	708566-MO
U217MTBPL	PT323	Boltswitch	708565-MO
224MTB-P	PT224	Boltswitch	707684-MO
224MTB-P48	PT264	Boltswitch	708567-MO
U224MTB-P	PT224	Boltswitch	707684-MO
U224MTB-P48	PT264	Boltswitch	708567-MO
U224MTBPL	PT224	Boltswitch	707684-MO
225MTB-P48	PT364	Boltswitch	708569-MO
U225MTBPL	PT324	Boltswitch	708568-MO
227MTB-P	PT323	Boltswitch	708568-MO
227MTB-P48	PT364	Boltswitch	708569-MO
U227MTB-P	PT324	Boltswitch	708568-MO
U227MTB-P48	PT364	Boltswitch	708569-MO
U227MTBPL	PT324	Boltswitch	708568-MO

### **Lug Kits for T-Fuse Pullouts**

Part Number	Number of Lug Collars Required
707682-AC	(2) TK100P
708570-AC	(2) TK200P
707682-AC	(2) TK100P
708570-AC	(2) TK200P
707682-AC	(3) TK100P
708570-AC	(3) TK200P
707682-AC	(3) TK100P
708570-AC	(3) TK200P

### Note

T-Fuse pullouts provided with load side lugs. Order line-side lugs separately from above chart.





# 46 Safety Socket and T-Fuse Replacement



MS-27-TB



TB200-47

### **Tenant Meter Sockets**

Catalog Number	Amps	Voltage/System
MS-24-TB	200	600V/1Ø3W
MS-25-TB	200	600V/3Ø3W
MS-27-TB	200	600V/3Ø4W

### **Replacement Test Blocks**

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



PT324

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

Catalog Number	Amps	Rating					
PT223	100	2-pole – 240 Volt					
PT224	200	2-pole – 240 Volt					
PT323	100	3-pole – 240 Volt					
PT324	200	3-pole – 240 Volt					

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

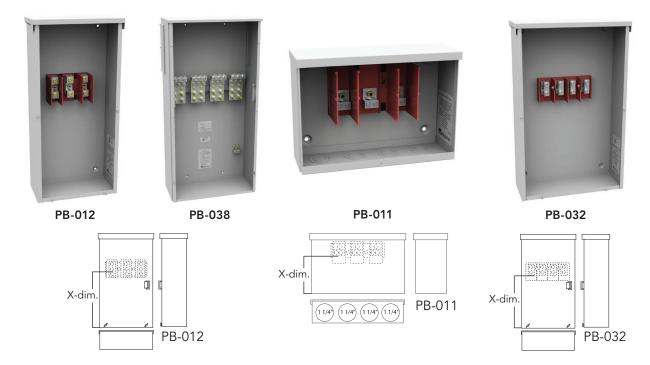
Catalog Number	Amps	Rating					
PT263	100	2-pole – 480 Volt					
PT264	200	2-pole – 480 Volt					
PT363	100	3-pole – 480 Volt					
PT364	200	3-pole – 480 Volt					

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





600V



### **Underground Termination Boxes | 600V**

Catalog	A 112 11 2	Type of	Connecto	rs CU/AL		Dime	nsions		Short Circuit Current	
Number	Amps	Service	Line	Load	D"	W"	H"	X"	Withstand Rating	
PB-011*	100	1Ø3W	#14-1/0	#14-1/0	4	12	8½	3¾	10K Amps	
PB-012	200	1Ø3W	#6-250	#6-250	6	12	26	141/4	10K Amps	
PB-014** PB-014-NK	400	1Ø3W	½"x13 Studs	#4-600 Twin 1/0-250	6	16	36	22	50K Amps	
PB-018** PB-018-NK	800	1Ø3W	½"x13 Studs**	#4-600 Twin 1/0-250	11	24	48	26	50K Amps	
PB-032	200	3Ø4W	#6-250	#6-250	6	16	26	1411/16	10K Amps	
PB-034** PB-034-NK	400	3Ø4W	½"x13 Studs**	#4-600 Twin 1/0-250	6	16	36	22	50K Amps	
PB-038** PB-038-NK	800	3Ø4W	½"x13 Studs**	#4-600 Twin 1/0-250	11	24	48	26	50K Amps	

### **Notes**

- Connectors and bussing: Extruded aluminum connectors and bus bars are tin-plated.
- For no knockouts, add suffix -NK to the above catalog numbers.
- \* No lift handles provided on the PB-011.
- \*\* Two studs per lug position provided for 400 Amps units. Four studs per lug position provided for 800 Amps units.





# **Underground Termination Boxes**

600V | PGE Approved







PB-034

PB-018 PB-014

### **Underground Termination Boxes | 600V**

Catalog	A	Type of	Connecto	rs CU/AL		Dime	nsions		Short Circuit Current
Number	Amps	Service	Line	Load	D"	D" W"		X"	Withstand Rating
PB-014* PB-014-NK	400	1Ø3W	½"x13 Studs	#4-600 Twin 1/0-250	6	16	36	22	50K Amps
PB-034* PB-034-NK	400	3Ø4W	½"x13 Studs*	#4-600 Twin 1/0-250	6	16	36	22	50K Amps
PB-016*	600	1Ø3W	½"x13 Studs*	#4-600 Twin 1/0-250	11	24	48	26	50K Amps
PB-018* PB-018-NK	800	1Ø3W	½"x13 Studs*	#4-600 Twin 1/0-250	11	24	48	26	50K Amps

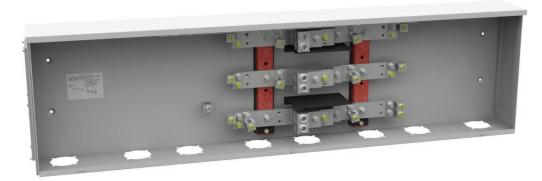
### **Notes**

- Connectors and bussing: Extruded aluminum connectors and bus bars are tin-plated.
- For no knockouts, add suffix -NK to the above catalog numbers.
- \* Two studs per lug position provided for 400 Amps units. Four studs per lug position provided for 800 Amp units.





NEMA 3R | 3Ø4W | 600V



FOR COMMERCIAL SAFETY SOCKET APPLICATIONS

### Bussed Gutters | NEMA 3R | 1Ø3W | 600V

Catalog	Meter	A	Di	mensic	ons	Length	Line Lugs	Load Lugs		
Number	Position	Amps	D"	W"	Н"	of Bus	Per Each Bus	Per Bus		
BC214	2	400	6	28%	15½	20" Bar	(1) 600	(2) 6-250		
BC318	3	800	6	43	15½	(2) 20" Bars	(2) 600	(3) 6-250		
BC418	4	800	6	571/4	15½	(2) 20" Bars	(2) 600	(4) 6-250		
BC518	5	800	6	71%	15½	(2) 20" Bars	(2) 600	(5) 6-250		
BC618	6	800	6	85%	15½	(2) 20" Bars	(2) 600	(6) 6-250		

### Bussed Gutters | NEMA 3R | 3Ø4W | 600V

Catalog	Meter	A	Dimensions			Length	Line Lugs	Load Lugs		
Number	Position	Amps	D" W" H"		of Bus	Per Each Bus	Per Bus			
BC234	2	400	6	28%	15½	20" Bar	(1) 600	(2) 6-250		
BC338	3	800	6	43	15½	(2) 20" Bars	(2) 600	(3) 6-250		
BC438	4	800	6	571/4	15½	(2) 20" Bars	(2) 600	(4) 6-250		
BC538	5	800	6	71%	15½	(2) 20" Bars	(2) 600	(5) 6-250		
BC638	6	800	6	85%	15½	(2) 20" Bars	(2) 600	(6) 6-250		

#### Notes

- Short circuit current withstanding rating: Standard bracing is 42K AIC.
- Connectors and bussing: Extruded aluminum connectors and bus bars are tin-plated.
- Cover: Lift handles provided along with a cover sealing provision. A removable, sealable cover is provided at both ends for pull box assembly.
- Hardware: Meter socket mounting hardware included.
- Suitable for use on line-side of service equipment.







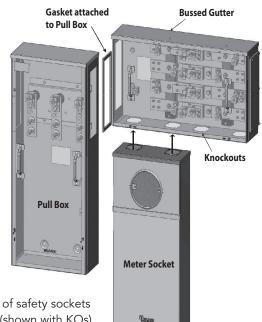
## **Bussed Gutters**

NEMA 3R | 3Ø4W | 600V



#### **Features**

- Enclosure without knockouts.
- Tin-plated aluminum bus bars.
- Furnished with line lugs only.
- Bus is drilled and tapped for easy installation of load lugs.



Typical application of safety sockets with multi-metering (shown with KOs).

### Bussed Gutters | NEMA 3R | 1Ø4W | 600V

Catalan Number	Meter	A	D	imensio	ns	Length	Line Lugs	
Catalog Number	Position	Amp	D"	W"	Н"	of Bus	Per Each Bus	
U3412-O	2	400	6	24	24	17" Bar	(1) 600	
U3413-O	3	600	6	36	24	24" Bars	(2) 600	
U3414-O	4	800	6	48	24	32" Bars	(3) 600	
U3415-O	5	800	6	60	24	40" Bars	(3) 600	
U3416-O	6	800	6	6 72 24		56" Bars	(3) 600	

### Bussed Gutters | NEMA 3R | 3Ø4W | 600V

Catalan Numbar	Meter	A	Di	imensio	ns	Length	Line Lugs		
Catalog Number	Position	Amp	D"	W"	H"	of Bus	Per Each Bus		
U3462-O	2	400	6	24	24	17" Bar	(1) 600		
U3463-O	3	600	6	36	24	24" Bars	(2) 600		
U3464-O	4	800	6	48	24	32" Bars	(3) 600		
U3465-O	5	800	6	60	24	40" Bars	(3) 600		
U3466-O	6	800	6	72	24	56" Bars	(3) 600		

### **Notes**

- Short circuit current withstanding rating: The 400 and 600 Amps units have a withstand rating of 50K Amps, and the 800 Amps units have a rating of 65K Amps.
- Suitable for use on line-side of service equipment.

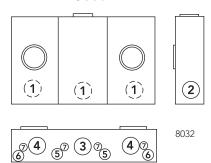




100-125 Amps | 4 Terminals | Ringless | 300V

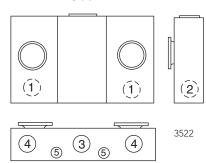


U8032-XL





U3522-XL-K1



100 Amps per Position | 4 Terminals | Multi-Position | Horizontal Gangs | Ringless

Catalog	Catalog Positions Service	Camilaa	Hub	Connecto	Dimensions			Knockouts								
Number	Positions	Service	Service	аип	Line	Load	D"	W"	Н"	1	2	3	4	5	6	7
U8032-XL	2	OH/UG	C.P.	#2-350	#6-2/0	41/2	241/2	16	2	2	2½	2	1/2	1/2	5/16	
U8033-XL	3	OH/UG	C.P.	#2-350	#6-2/0	41/2	32¾	16	2	2	21/2	(3) 2	1/2	1/2	5/16	
U8034-XL	4	OH/UG	C.P.	#2-350	#6-2/0	41/2	401/8	16	2	2	2½	(4) 2	1/2	1/2	5/16	
U8035-XL	5	OH/UG	C.P.	#2-350	#6-2/0	41/2	491/16	16	2	2	21/2	(5) 2	1/2	1/2	5/16	
U8036-XL	6	OH/UG	C.P.	#2-350	#6-2/0	41/2	571/4	16	2	2	21/2	(6) 2	1/2	1/2	5/16	

### 125 Amps per Position | 4 Terminals | Multi-Position | Horizontal Gangs | Ring-Type

Catalog	Positions	Camiaa	Uluk	Connecto	ors CU/AL	D	imensio	ns			Knoc	kouts		
Number	Positions	Service	Hub	Line	Load	D"	W"	Н"	1	2	3	4	5	6
U3522-XL-K1	2	OH/UG	C.P.	#2-350	#6-2/0	41/2	24½	14	1½	1½	21/2	2½	1/4,1/2	1/2
U3523-XL-K1	3	OH/UG	C.P.	#2-350	#6-2/0	41/2	32¾	14	1½	11/2	21/2	(3) 21/2	1/4,1/2	1/2
U3524-XL-K2	4	OH/UG	C.P.	#2-350	#6-2/0	41/2	401//8	14	1½	1½	21/2	(4) 21/2	1/4,1/2	1/2
U3525-XL-K2	5	UG	C.P.	#2-350	#6-2/0	41/2	491/16	14	1½	1½	21/2	(5) 21/2	1/4,1/2	1/2

### **Notes**

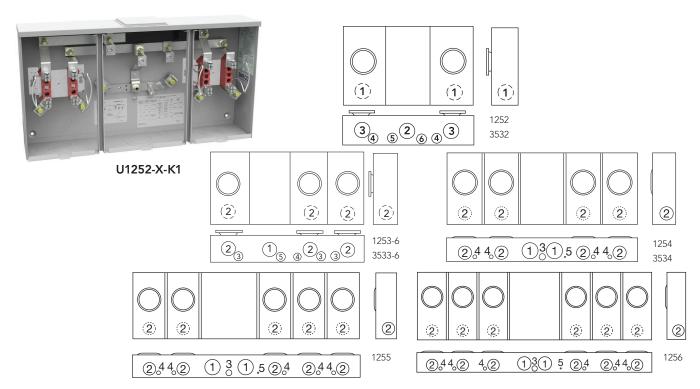
- Fifth terminal: For field-mounted fifth terminal, order catalog number 5T8K2 (6 o'clock only on 100 Amps units, 9 o'clock only on 125 Amps units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
- Sealing rings: Ring-type units are supplied with one MR-4 screw-type sealing ring per position.





## **Multi-Position Sockets**

200 Amps | 4 Terminals | Ringless | 300V



### 200 Amps per Position | 4 Terminals | Multi-Position | Horizontal Gangs | Ringless

Catalog	Positions	Service	Hub	Connecto	rs CU/AL	D	imensio	ns		Kr	ockou	uts	
Number	Positions	Service	пив	Line	Load	D"	W"	Н"	1	2	3	4	5
U1252-X-K1	2	OH/UG	C.P.	#6-350	#2-350	51/8	26½	14	21/2	3	21/2	1/2	1/4
U1253-X-K3	3	OH/UG	C.P.	#4-600	#2-350	51/8	34¾	14	3	21/2	1/2	1/4	1
U1254-X-K3	4	OH/UG	C.P.	#4-600	#2-350	51/8	421/8	16	3	21/2	1	1/2	1/4
U1255-X-K4	5	OH/UG	C.P.	(2) #2-600	#2-350	51/8	541//8	16	3	21/2	1	1/2	1/4
U1256-X-K4	6	OH/UG	C.P.	(2) #2-600	#2-350	51/8	631/16	18	3	21/2	1	1/2	1/4

### 200 Amps per Position | 4 Terminals | Multi-Position | Horizontal Gangs | Ring-Type

Catalog	Positions	Comico	Hub	Connecto	ors CU/AL	D	imensio	ns			Knoc	kouts		
Number	POSITIONS	Service	пив	Line	Load	D"	W"	Н"	1	2	3	4	5	6
U3532-X-K1	2	OH/UG	C.P.	#6-350	#2-350	51//8	26½	16	2½	3	2½	_	1/2	1
U3533-X-K3	3	OH/UG	C.P.	#4-600	#2-350	51//8	34½	16	3	2½	_	1/4	1/2	
U3534-X-K3	4	OH/UG	C.P.	#4-600	#2-350	51//8	421/8	16	3	2½	1	_	1/2	

### **Notes**

- Fifth terminal: For field-mounted fifth terminal, order catalog number 5T8K2 (6 o'clock only on 100 Amps units, 9 o'clock only on 125 Amps units).
- Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
- Sealing rings: Ring-type units are supplied with one MR-4 screw-type sealing ring per position.





125-200 Amps | 22K AIC Rated | 240V





U5882-X

U5884-X

### 4 Terminals | Multi-Position Meter Main | Ringless

Catalog	A	Desiries	C	History	Connectors CU/AL	D	Di	mensio	ns	Weight
Number	Amps	Positions	Service	Hub	Line	Bypass	D"	W"	Н"	(lbs.)
U5902-X	125	2	OH/UG	C.P.	¾" x 16 Studs	None	51/8	26½	30	58
U5903-X	125	3	OH/UG	C.P.	¾" x 16 Studs	None	51/8	34%	30	88
U5904-X	125	4	OH/UG	C.P.	3⁄8″ x 16 Studs	None	51/8	421/5	30	107
U5905-X	125	5	OH/UG	C.P.	¾" x 16 Studs	None	51/8	51½0	30	128
U5906-X	125	6	OH/UG	C.P.	3∕8″ x 16 Studs	None	51/8	59¾10	30	146
U5882-X	200	2	OH/UG	C.P.	¾" x 16 Studs	None	51/8	26½	30	58
U5883-X	200	3	OH/UG	C.P.	3∕8″ x 16 Studs	None	51/8	34%	30	88
U5884-X	200	4	OH/UG	C.P.	¾" x 16 Studs	None	51/8	421/5	30	107
U5885-X	200	5	OH/UG	C.P.	¾" x 16 Studs	None	51/8	51½0	30	128
U5886-X	200	6	OH/UG	C.P.	¾" x 16 Studs	None	51/8	59¾10	30	146

#### **Notes**

- NEC 2020: Products are NEC 2020 compliant.
- Knockouts: See drawings on the next page.
- Optional: Factory-installed breakers are available—consult factory.
- AIC rating: All models are rated 22K AIC when used with approved breakers rated at 22K.
- Hubs: Units supplied with one (1) closing plate. Order hubs separately, see accessories page.
- Fifth terminal: For field-installed fifth terminal, order K5T.
- Connectors: Socket is supplied with 3/8" 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on the accessories page. Separate lug kits are required for line and load.

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

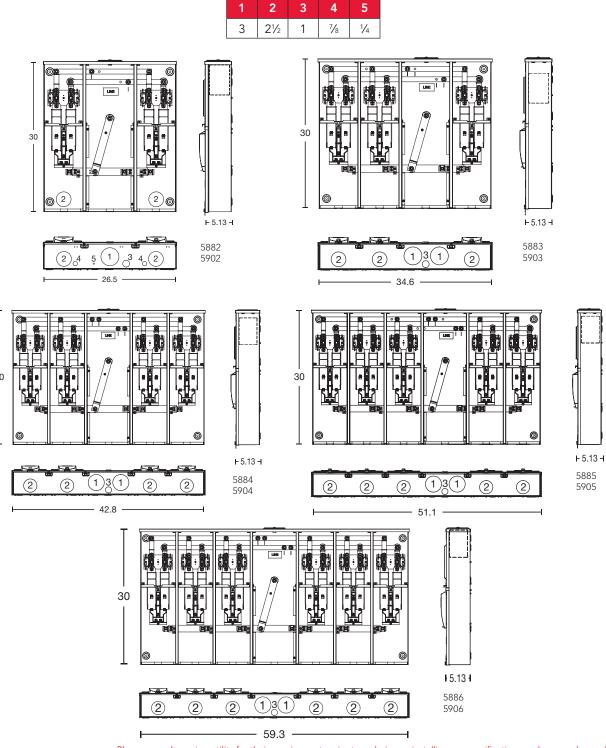
Manufacturer	Cutler-Hammer	Siemens	GE (50 Amps Max)	Square D
125 Amps or Less	BR, HQP, QPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amps		QN, QNH (22K)	_	_





## **Multi-Position Meter Mains**

U5902 and U5882 Series | Dimensional Information



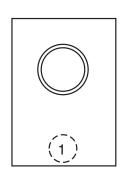
**Knockouts** 

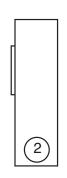


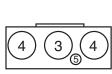


20 Amps | 5-13 Terminals











UC7237-RL

### 20 Amps | Ringless | Plunger-Type Bypass | Overhead/Underground

Catalog		Meter	Hub	Dynasa	Connecto	ors CU/AL	Dir	nensi	ons		Kn	ocko	uts	
Number	rerminai	Form	пив	Bypass	Line	Load	D"	W"	H"	1	2	3	4	5
UC1290-XL	5	3S	C.P.	Plunger*	#14 - #10		35/16	8	14	1½	1½	2	11/4	1/4
UC1299-XL	6	4S	C.P.	Plunger*	#14 - #10		35/16	8	14	1½	11/2	2	11/4	1/4
UC7233-XL	7	7, 14, 15 and 24 S	C.P.	Plunger* #14 - #10		35/16	8	14	1½	11/2	2	11/4	1/4	
UC7235-XL	8	5S	C.P.	Plunger*	#14 - #10		35/16	8	14	1½	11/2	2	11/4	1/4
UC7237-XL	13	6, 8, 9S and (ALT) 10S	C.P.	Plunger*	Plunger* #14 - #10		35/16	8	14	1½	11/2	2	11/4	1/4

### 20 Amps | Ring-Type | Plunger-Type Bypass | Overhead/Underground

Catalog	Terminal	Meter	Unik	Dunger	Connecto	ors CU/AL	Dir	nensi	ons		Kn	ocko	uts	
Number	Terminai	Form	Hub	Bypass	Line	Load	D"	W"	H"	1	2	3	4	5
UC1291-RL	5	3S	H.O.	Plunger*	#14 - #	10 Max	35/16	8	14	1½	1½	11/4	11/4	1/4
UC1300-RL	6	4S	H.O.	Plunger*	#14 - #	10 Max	35/16	8	14	1½	1½	11/4	11/4	1/4
UC7544-RL	7	5S	H.O.	Plunger*	#14 - #	10 Max	35/16	8	14	1½	1½	11/4	11/4	1/4
UC7545-RL	8	6, 8, 9S and (ALT) 10S	H.O.	Plunger*	#14 - #	10 Max	35/16	8	14	1½	1½	11/4	11/4	1/4
UC7582-RL	13	6, 8, 9S and (ALT) 10S	C.P.	None	#14 - #	10 Max	35/16	8	14	1½	1½	11/4	11/4	1/4

#### **Notes**

- Hubs: For proper hub selection see the hub suffix chart on the accessories page.
- Connectors: Units are supplied with sleeve-type connectors (#14-#2).
- \* Bypass: Plunger-Type bypass automatically closes when meter is removed.



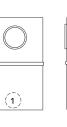


# **Current Transformer**

20 Amps | 5-15 Terminals | 600V











3425 3 4 5 3426 3428 3435

3423 7636 7461

(2)

UC3438-XL

UC3426-XL

20 Amps | Ringless | With Provision for Test Switch | Two-Piece Front

Catalog	Terminal	Meter	Camilaa	Lluk	D	Connecto	ors CU/AL	Dim	ensio	ons		ŀ	Cnock	couts		
Number	Terminal	Form	Service	пир	Бураss	Line	Load	D"	W"	Н"	1	2	3	4	5	6
UC3425-XL	5	3S	OH/UG	C.P.	None	#14	- #2	51/8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2
UC3426-XL	6	4S	OH/UG	C.P.	None	#14	- #2	51/8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2
UC3428-XL	8	5S	OH/UG	C.P.	None	#14	- #2	51/8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2
UC3423-XL	13	6, 8, 9S and (ALT) 10S	OH/UG	C.P.	None	#14	- #2	51/8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2

### 20 Amps | Ring-Type | Test Switch Factory Prewired | Two-Piece Front Approved for Tucson Electric Power

Catalog	Terminal	Comico	Uula	Dunge	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts		
Number	Terminai	Service	пив	Буразз	Line	Load	D"	W"	H"	1	2	3	4	5	6
UC7636-YL-TGE-DES	6	ОН	11/4	Test Switch	#14 - #2		41//8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2
UC7461-YL-TGE-DES	13	ОН	11/4	Test Switch	#14 - #2		41//8	12	20	11/4	11/4	11/4	11/4	11/4	1/4, 1/2

### 20 Amps | Ring-Type | With Provision for Test Switch | EUSERC Compliant | Two-Piece Front

Catalog	Terminal	Camilaa	LLIla	Dumana	Connecto	ors CU/AL	Dir	nensi	ons			Knoc	kouts	;	
Number	ierminai	Service	Hub	Bypass	Line	Load	D"	W"	H"	1	2	3	4	5	6
UC3435-XL	5	OH/UG	C.P.	None	#14	- #2	51/8	12	20	2	2	2	2	2	_
UC3436-XL	6	OH/UG	C.P.	None	#14	- #2	51/8	12	20	2	2	2	2	2	_
UC3438-XL	8	OH/UG	C.P.	None	#14	- #2	51/8	12	20	2	2	2	2	2	_
UC3433-XL	13	OH/UG	C.P.	None	#14	- #2	51/8	12	20	2	2	2	2	2	_
UC3434-XL	15	OH/UG	C.P.	None	#14	- #2	51/8	12	20	2	2	2	2	2	_

### **Notes**

- Prewiring: If factory prewiring is required, consult factory before ordering. Please include meter socket catalog number, test switch number, meter form number and a copy of your wiring diagram.
- Test switch covers: Units on this page can be used with clear Lexan cover (except units 7636 and 7461).
- Connectors: Units are supplied with sleeve-type connectors (#14-#2).
- **Hubs:** For proper hub selection see the hub suffix chart in accessory section.





### 4, 7 and 10 Pole

The Milbank test switch is designed to meet the critical requirements of the electric utility industry. Not only does it meet EEI, ANSI C12.9 and UL standards, but it combines several special features giving the Milbank test switch increased safety, durability and reliability. These features include 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 and offer exceptional insulating qualities. Our test switches are constructed from the latest materials available using modern fabricating and assembly methods.



### **Switch Blades**

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



Standard Cover

#### **Test Switch Covers**

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



#### **Test Switch Base**

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



Flush-mount Cover (Black)

#### Note:

-OR- must not have test switch bridge mounted on back in order to support a cover.

### **Switch Jaws**

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



**Polarity Barrier** 

For maximum protection potential,

circuits are supplied with permanently

mounted barriers made from high

tensile strength polycarbonate.

07-0105

#### **Current Carrying Parts**

Highly conductive copper and copper alloy materials are used on all currentcarrying parts. This ensures conductivity and deters corrosion. Spring grades are used where appropriate. Plating is available if required. Contact your local sales representative to special order.

#### **Notes**

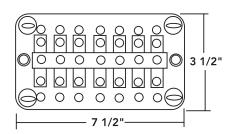
- Factory-installed: For factory-installed cover, add -WC or -WCFL to the catalog number of desired test switch.
- Field-installable: For field-installable cover, order kit number K3388 or K3388-BLK-FL.

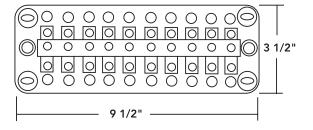




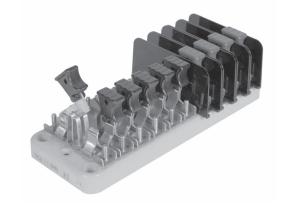
## **Current Transformer Test Switches**

4, 7 and 10 Pole | 600V | Per Ansi C12.9 Standard





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



Catalog Number			4	-POL	E		
TS04-0101	X	Р	Pn	Χ	C+	С	Χ
TS04-0104	Х	C+	С	Χ	Р	Pn	Χ

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

Catalog Number			7-POLE ON A 10-POLE BASE									
TS07-0049	Р	Х	Р	Х	Pn	Χ	C+	С	С	C+		
TS07-0106	Х	Р	C+	С	Р	C+	С	Pn	Χ	Χ		

## 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	Р	Р	Р	Pn	C+	С	C+	С	C+	С	
TS10-0110	Р	C+	С	Р	C+	С	Р	C+	С	Pn	
TS10-0111	Р	Р	Р	Pn	C	C+	С	C+	С	C+	
TS10-0112	C+	С	C+	С	C+	С	Р	Р	Р	Pn	
TS10-0016	Р	Р	Р	PN	С	C+	С	C+	С	C+	







Customer Name:	 
Address:	
Phone / Fax #:	

	Handle Color Key												
ВК	Black	Р	Purple	Υ	Yellow	GN	Green						
R	Red	BL	Blue	W	White	BKS	Black Stripe						
BR	Brown	GR	Gray	0	Orange	WS	White Stripe						

#### **TEST SWITCH BASE**

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

#### **Pole Position Chart**

1	2	3	4	5	6	7	8	9	10

### **Special Features**

Feature	1	2	3	4	5	6	7	8	9	10
45° Angle Stops										
Ganged Handles (C)										
Bussing										
Colored Handles										

5 5	

	Key
Р	Potential switch
C+	Line-side current switch with short circuit assembly
С	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
Ĺ	Insulating barrier - one side
	Insulating barrier - two sides

**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.

<b>Number of Poles</b>	Test Switch Cover (only available for 10-pole bases)
4	Yes   Clear Black
7	No
10	Base Size
Other	7-Pole
	10-Pole



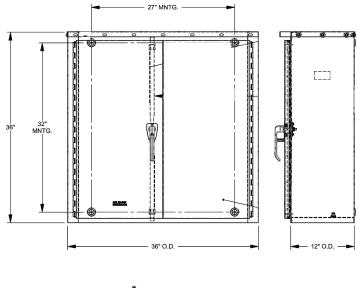


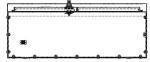
# **Current Transformer Cabinets**

Door Mount CT Rated Socket and NEMA 3R









363612-CT3R-SP





### Door Mount C.T. Rated Socket

Catalog	Torminal	Pyrose	Amn	Connectors	Dimensions		
Number	ierminai	Буразз	Amp	Connectors	D"	W"	Н"
K4806-BP	13	Plunger	20 A	#14-4 Max	21/2	71/8	71/2

### Note

**BP:** The -BP suffix indicates plunger bypass.

### **Current Transformer Rated Cabinets - NEMA 3R**

Catalog	Gauge of	Dimensions		Panel Size		Panel and Backboard Catalog Numbers			
Number	Number Steel D" W"		H"	W" x H"		Painted Steel Panel	Wood Backboard		
243210-LC3R-SP	14	10	24	32	21 29		A-24P32	A-24P32W	
323610-LC3R-SP	14	10	32	36	29	33	A-32P36	A-32P36W	
363016-CT3R	14	16	36	30	33	27	A-36P30	A-36P30W	
363612-CT3R-SP	14	12	36	36	33	33	A-36P36	A-36P36W Included	
364812-CT3R-SP2	14	12	36	48	33	45	A-48P36	A-48P36W Included	





Mounting Racks







K4793/K4795

97 K4722

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

Catalog Number	Code	AIC Rating	Amps	Volts	Type of Service	Termination Type
K4797	A4	50K	400	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K4797	Α	50K	800	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K4798	B4	50K	400	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K4798	В	50K	800	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K4793	С	10K	201-400	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K4795	D	10K	401-800	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K4794	Е	10K	201-400	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K4796	F	10K	401-800	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K4729	G	50K	800	600	1Ø3W	(3) #4 - 600 or (6) #1 - 250
K4722	Н	50K	800	600	3Ø4W	(3) #4 - 600 or (6) #1 - 250
K4903	J	50K	400	600	1Ø3W	(1) #4 - 600 or (2) #1 - 250
K4904	K	50K	400	600	3Ø4W	(1) #4 - 600 or (2) #1 - 250
K5747	L	50K	800	600	3Ø4W	Line: 1/2 x 13 Studs on 1-3/4"Centers Load: (3) #4 - 600 or (6) #1 - 250
K5752	М	50K	800	600	1Ø3W	Line: 1/2 x 13 Studs on 1-3/4"Centers Load: (3) #4 - 600 or (6) #1 - 250

### **Notes**

- Select CT mounting rack by matching the appropriate letter in CT rack column on page 68 with applicable letter in Code column on page 65 or 66.
- 1/2" lug kit: order K4200 (single, #4-600) or K4223 (double, #6-350). Each kit contains four connectors.





# **Current Transformer Cabinets**

Mounting Racks





K4794

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

Catalog Number	Code	AIC Rating	Amps	Volts	Type of Service	Termination Type
K4793	С	10K	201-400	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K4794	Е	10K	201-400	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K6497	A4	50K	400	600	1Ø3W	1/2 x 13 Studs on 1-3/4" Centers
K6498	B4	50K	400	600	3Ø4W	1/2 x 13 Studs on 1-3/4" Centers
K6494	J	50K	600	600	1Ø3W	(1) #4 - 600 or (2) #1 - 250

### **Notes**

- Match red code letter with the applicable CT cabinet on pages 64 and 65.
- 1/2" lug kit: order K4200 (single, #4-600) or K4223 (double, #6-350). Each kit contains four connectors.





# **PGE Approved Applications**

63

CT Racks

### **Combo Unit CT Racks**

Catalog Number	Commercial Applications	Residential Applications	Phase	Amps	SCCR	Overhead/ Underground
K6497	×	Х	1	400	50K	OH/UG
K6498	×	Х	3	400	50K	OH/UG
K4793	×	х	1	400	10K	OH/UG
K4794	×	х	3	400	10K	OH/UG
K6494	×	х	1	600	50K	OH only

### **CT Cabinet CT Racks**

Catalog Number	Commercial Applications	Residential Applications	Phase	Amps	SCCR	Overhead/ Underground
K6497	×	Х	1	400	50K	OH/UG
K6498	×	Х	3	400	50K	OH/UG
K4793	×	Х	1	400	10K	OH/UG
K4794	×	Х	3	400	10K	OH/UG
K6494	х	Х	1	600	50K	OH only





## **Current Transformer Cabinets**

Screw Cover and Hinge Cover







#### **Screw Cover**

Catalan Namahan	C.T. Racks	D	imensio	Front Cover	
Catalog Number	C.I. Racks	D"	W"	H"	Front Cover
CT24329-SC	A4, C, D, G, J, M	9	24	32	1 Piece
CT242411-SC	G	11	24	24	1 Piece
CT243011-SC	A4, C, D, G, J, M	11	24	30	1 Piece
CT243611-SC	A4, C, D, G, J, M	11	24	36	1 Piece
CT244811-SC	A, C, D, G, J	11	24	48	1 Piece
CT303011-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	30	1 Piece
CT303611-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	36	1 Piece
CT363611-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	36	36	1 Piece
CT364211-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	36	42	2 Pieces
CT364811-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	36	48	2 Pieces
CT424211-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	42	42	2 Pieces
CT484811-SC	A, B, C, D, G, J, M	11	48	48	2 Pieces
CT303614-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	14	30	36	2 Pieces
CT364814-SC	A, B, C, D, E, F, G, H, J, K, L, M	14	36	48	2 Pieces
CT484814-SC	A, B, C, D, E, F, G, H, J, K, L, M	14	48	48	2 Pieces

#### Hinge Cover

Catalan Number	C T Pasks	D	imensior	Front Cover	
Catalog Number	C.T. Racks	D"	W"	H"	Front Cover
CT203611-HC	A4, C, D, J	11	20	36	1 Piece
CT243011-HC	A4, C, D, G, J, M	11	24	30	1 Piece
CT243611-HC	A4, C, D, G, J, M	11	24	36	1 Piece
CT244811-HC	A, C, D, G, J, M	11	24	48	1 Piece
CT303611-HC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	36	1 Piece
CT304811-HC	A, B, B4, C, D, E, F, G, H, J, K, L, M	11	30	48	1 Piece
CT363611-HC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	36	36	1 Piece
CT364811-HC	A, B, B4, C, D, E, F, G, H, J, K, L, M	11	36	48	1 Piece
CT484811-HC	A, B, C, D, J, M	11	48	48	2 Pieces
CT484814-HC	A, B, B4, C, D, E, F, G, H, J, K, L, M	14	48	48	2 Pieces

### Note

- Enclosure: These units are rated NEMA 3R, powder coated and constructed of galvanized steel.
- Mounting rack: Select CT mounting rack by matching the appropriate letter in CT rack column on page 68 with applicable letter in Code column on page 65 or 66.
- Mounting: 1/4-20 welded studs.

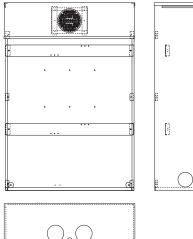




## **Metered Transformer Cabinets**

Screw Cover | Ring-Type







U3565-O

### Metered Transformer Cabinets | Ring-Type

Catalog	Tamain al	C	Matau Farm	11.4	Dimensions		ns	СТ
Number	Terminal	Service	Meter Form	Hub	D"	W"	H"	Racks
U3319-R	5	ОН	3S	H.O.	11	24	42	A, C, D, G, J, M
U3320-R	6	ОН	4\$	H.O.	11	24	42	A, C, D, G, J, M
U3321-R	8	ОН	5S	H.O.	11	24	42	A, C, D, G, J, M
U3322-R	13	ОН	6, 8, 9S and (ALT) 10S	H.O.	11	36	42	A, B, C, D, E, F, G, H, J, K, L, M
U3323-R	8	ОН	5S	H.O.	11	36	42	A, B, C, D, E, F, G, H, J, K, L, M
U3555-R	15	ОН	39S, 76S	H.O.	11	36	42	A, B, C, D, E, F, G, H, J, K, L, M
U3339-O	5	UG	3S	None	11	24	52	A, C, D, G, J, M
U3340-O	6	UG	4S	None	11	24	52	A, C, D, G, J, M
U3341-O	8	UG	5S	None	11	24	52	A, C, D, G, J, M
U3342-O	13	UG	6, 8, 9S and (ALT) 10S	None	11	36	52	A, B, C, D, E, F, G, H, J, K, L, M
U3343-O	8	UG	5S	None	11	36	52	A, B, C, D, E, F, G, H, J, K, L, M
U3565-O	15	UG	39S, 76S	None	11	36	52	A, B, C, D, E, F, G, H, J, K, L, M

#### **Notes**

- Meter socket: 20 Amps current transformer meter socket built in.
- Enclosure: NEMA 3R with screw cover.
- Current transformer mounting: 1/4-20 welded studs.
- Hubs: For proper hub selection, see hub suffix chart in the accessory section.
- Sealing rings: Supplied with MR-4 screw-type sealing ring.
- Mounting rack: Select CT mounting rack by matching the appropriate letter in CT rack column on page 68 with applicable letter in Code column on page 65 or 66.



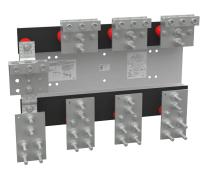


# **Current Transformer Cabinets**

U6500-X-PGE | 600-800 Amps



U6500-X-PGE



CT rack

Approved for 600-800 Amps applications, this larger transformer cabinet can be used for many common applications such as commercial projects, EV charging and pump stations.

### **Features**

- 600-800 Amps
- Overhead/underground entry and exit
- G90 galvanized steel with gray powder coat finish
- Three-phase, four-wire
- NEMA 3R enclosure
- UL-listed
- Manufactured in the USA

### **CT Rack Features**

- Line side: Four studs spaced 1 ¾" on centers for phases and neutral.
- Load side: Three position connectors per phase and neutral for #4-600 kcmil single conductor.
  - Each port dual conductor rated for #1-250 kmil conductors.
- UL-listed.
- Manufactured in the USA.

CT Rack	Amperage Rating
K6300	800 Amp Rated
K6300-600	600 Amp Rated
K6300-400	400 Amp Rated

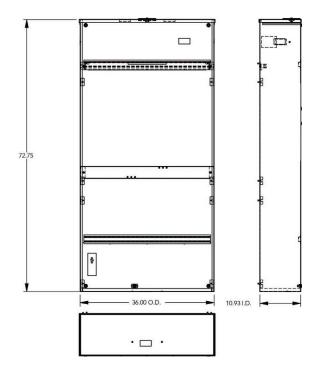
### **Notes**

• CT Rack: The CT rack is purchased separately for field-installation.





U6500-X-PGE | 600-800 Amps



U6500-X-PGE

### 600-800 Amps | 15 Terminals | Transocket | Ring Type | 3Ø4W

Catalan Number	Service Hub			Dimensions	
Catalog Number	Service	Hub	D"	W"	H"
U6500-X-PGE	OH/UG	C.P.	11	36	72¾

### **Notes**

• Knockouts: Does not come with knockouts.

• Cover: This cabinet has a screw cover lift-off door.

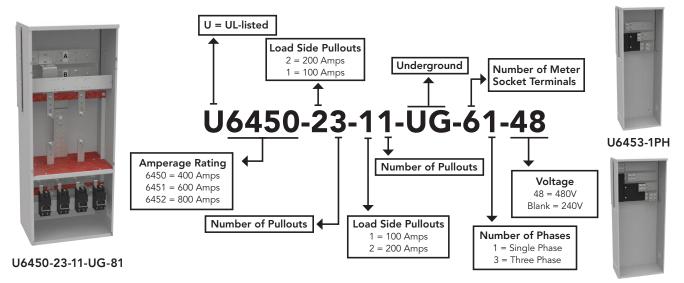
• **Mounting:** Check with utility for mounting requirements.





## Wall-Mount Service Entrance Section

240 and 480V



400 Amps

U6455-3PH

Catalog Number	Amps	Service	Volts	AIC Rating
U6450-##-##-UG-##	400	UG	240	100K
U6450-##-##	400	ОН	240	100K
U6450-##-##-UG-##-48	400	UG	480	100K
U6450-##-##-48	400	ОН	480	100K

#### 600 Amps

Catalog Number	Amps	Service	Volts	AIC Rating
U6451-##-##-UG-##	600	UG	240	100K
U6451-##-##	600	ОН	240	100K
U6451-##-##-UG-##-48	600	UG	480	100K
U6451-##-##-48	600	ОН	480	100K

### 800 Amps

Catalog Number	Amps	Service	Volts	AIC Rating
U6452-##-##-UG-##	800	UG	240	100K
U6452-##-##	800	ОН	240	100K
U6452-##-##-UG-##-48	800	UG	480	100K
U6452-##-##-48	800	OH	480	100K

### **Notes**

- EUSERC Compliance Numbers: Meets EUSERC drawing 319 for 1Ø3W and 3Ø3W or EUSERC drawing 320 for 3Ø3W and 3Ø4W.
- Loads: Up to four loads ranging from 100 Amps to 200 Amps for each load.
- Line-side: 400 Amps, 600 Amps, or 800 Amps available.
- -UG includes wireway: U6450 (includes U6453 WW), U6451 (includes U6454 WW), U6452 (includes U6455 WW) and come with termination boxes.
- Pullouts: Other pullout options available.

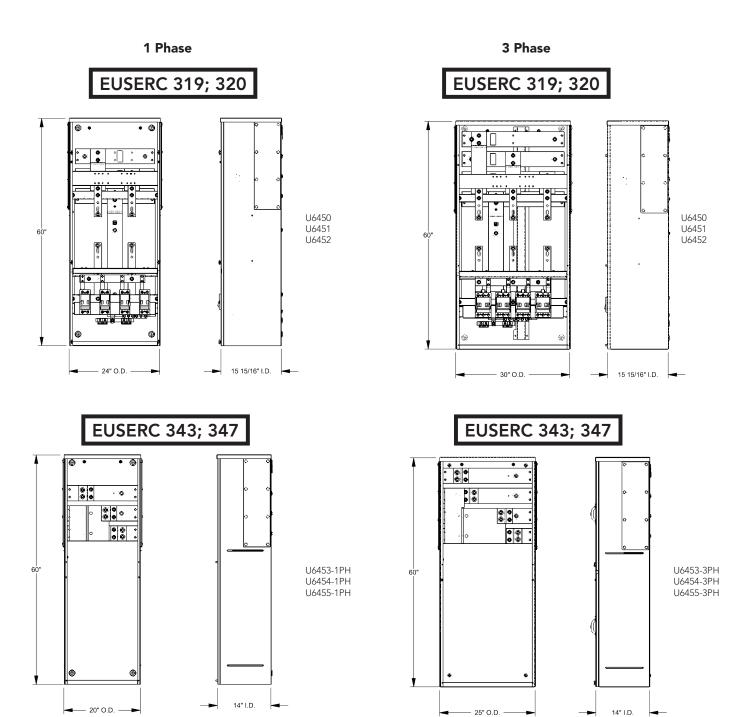




# **Wall-Mount Service Entrance Section**

69

240 and 480V



### **Notes**

• Phase: Products with 24" width are single phase. Products with 30" width are three phase.

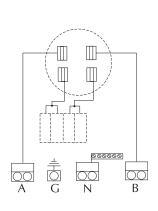


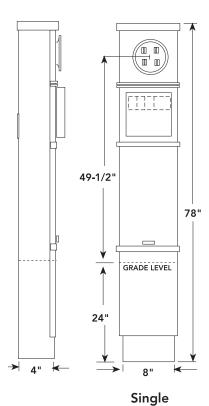


## Service Pedestals

125 Amps | Mobile Home Metered | 120/240V







MPRV-100-MB-78

**Specifications** 

- All pedestals include a series wired main breaker.
- UL-listed 100 Amps continuous duty meter socket.
- 120/240 Volt single phase service.
- Twin line-termination lugs #6-350 kcmil CU/AL per phase for loop feed.
- Pedestals have space for four (4) single, or (2) double pole breakers except for the MPRV-100-MB-503020GR-78.
- Ringless version equipped with horn bypass as standard.
- For fifth terminal field-installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear-feed kit PF-KR included, except for MPRV-50-MB-78 and MPRV-100-MB-503020GR-78.
- For optional stabilizer foot, order K5763.
- MR-2 sealing ring standard with ring-type cover.
- Rated for 10K AIC.

#### **Notes**

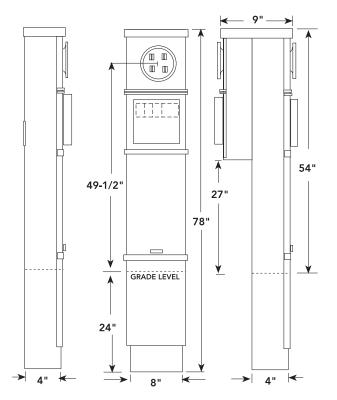
• Pedestals are NEC 2020 compliant.

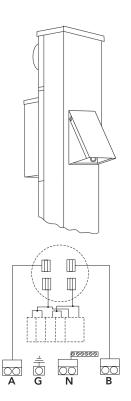
Catalog Number	Description		
MPRV-50-MB-78	Ring-Type, Series-Wired		
MPRVD-100-MB-PD	Ring-Type, Series-Wired		
MPRVD-50-MB-78	Ring-Type, Series-Wired		
MPRV-100-MB-50-78	Ring-Type, Series-Wired		
MPRV-100-MB-50-PD	Ring-Type, Series-Wired		
MPRV-100-MB-78	Ring-Type, Series-Wired		
MPRVD-100-MB-78	Ring-Type, Series-Wired		
MPRV-100-MB-503020GR-78	Ring-Type, Series-Wired		





200 Amps | Mobile Home Metered | 120/240V







MPAP-200-MB-78

Catalog Number	Description
MPAP-100-MB-78	Ring-Type, Series-Wired
MPAP-200-MB-78	Ring-Type, Series-Wired
MPAP-200-MB-20GR-78	Ring-Type, Series-Wired
MPAP-200-MB-78	Ring-Type, Series-Wired
MPAPD-100-MB-78	Ring-Type, Series-Wired
MPAPD-200-MB-78	Ring-Type, Series-Wired
MPAPD-100-MB-PD	Ring-Type, Series-Wired
MPAPD-200-MB-PD	Ring-Type, Series-Wired
MPAP-100-MB-PD	Ring-Type, Series-Wired
MPAP-200-MB-PD	Ring-Type, Series-Wired

### **Notes**

- Products are NEC 2020 compliant.
- Order K5194 for parallel to series field conversion kit.

### **Specifications**

- 120/240 Volt single phase service.
- Twin line-termination lugs #6-350 CU/AL per phase for looping.
- **UQFP** breaker factory-wired-in series with branch breaker bus.
- Furnished with space for (4) single or (1) double (240V C/B center-positions only) and two single pole universal style, plug-in circuit breakers in addition to main.
- Ringless version equipped with horn bypass as standard
- For fifth terminal field-installed order kit **105J** in the 3 o'clock or 9 o'clock position.
- Direct rear-feed kit PF-KR included.
- MR-2 sealing ring standard with ring-type cover.
- Rated for 22K AIC





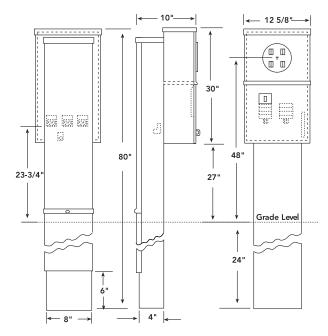
## **Power Pedestals with Load Center**

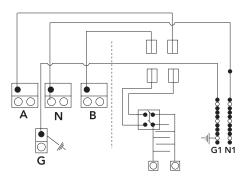
100-200 Amps Series MPRV and MPAP | Ring-Type

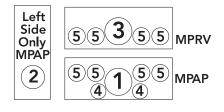


MPAP-200-MBLC-80









100-200 Amps | Load Center Power Outlets

Catalog	Description		Knockouts			
Number Description		1	2	3	4	5
MPRV-100-MBLC-80	100 Amps Metered Pedestal with (8) Circuit Load Center	21/2	2	-	11/4	1/2, 3/4
MPAP-200-MBLC-80	200 Amps Metered Pedestal with (8) Circuit Load Center	21/2	2	-	11/4	1/2, 3/4

### **Specifications**

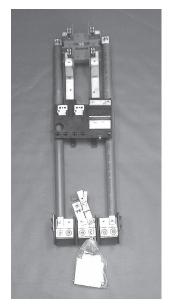
- Pedestals are NEC 2020 compliant.
- UL-listed 100/200 Amps continuous duty meter socket.
- Approved for 120/240 Volt single phase service.
- Twin line-termination lugs #6-350 CU/AL per phase for looping. Rear termination.
- Space for (8) single, or (4) double and two single pole universal style plug-in circuit breakers.
- Series main breaker factory-installed.
- Direct-feed lugs standard.



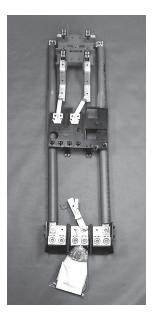


## **Replacement Parts**

#### Mobile Home Rebuild Kits



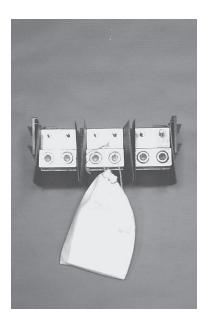
Catalog Number Z020-148-00-00-0 MPAP 200A Interior Rebuild Kit



Catalog Number 020-147-00-00-0 MPRV 100A Interior Rebuild Kit



Catalog Number RBK-1 Unicorn MPP (Pre-1969) Interior Rebuild Kit



Catalog Number Z1050596 MPAP, MPRV and Unicorn MPP Lug Landing Assembly with Grounding Kit

Above items sold as complete assemblies only. Individual components not available.





## **Replacement Parts**

Mobile Home Rebuild Kits



Catalog Number PF-BL MPAP/MPRV Blank Deadfront with Hinged Cover



Catalog Number PF-KR MPAP/MPRV Rear Connector Kit



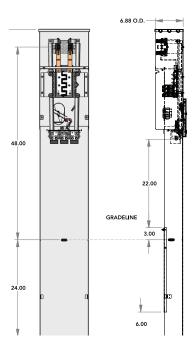
Lug Cover for MPAP/MPRV
Order Catalog Number 403456-SC
(8-1/2" W X 20-1/2" H) for 72" Pedestals
and Catalog Number 403457-SC (8-1/2" W X 26-1/2" H)
for 78" pedestals.





100 Amps | U6276 and U6278 Series | 120/240V





#### **Features and Benefits**

- Circuit breaker interior has provisions for 12 full one-inch poles (including main).
- Rating: 100 Amp, 120/240V.
- Interiors will accept plug-in breakers. (GE, Cutler-Hammer, Siemens, SQD).
- Suitable for use as service equipment and mobile home service equipment.
- Rear-feed kit included in pedestal
- Twin 350 MCM line terminals (installed) provide optional loop-feed installation.
- 14-gauge corrosion resistant steel construction.
- NEMA 3R raintight enclosure.
- Padlock provision.
- Total unit height is 76". Burial depth is 24". Installed height from ground is 48" to meter center.
- Standard color: gray powder coat finish.
- EUSERC compliant drawing number 307.
- Pad-mount version available.

Catalog Number	Configuration
U6276-O-100S	(1) 100 Main Breaker Series-Wired
U6278-O-100S-55-G1	(1) 100 amp main breaker, (1) 14-50R and (1) 5-20GR, Munsell Green
U6278-O-100S-55	(1) 100 amp main breaker, (1) 14-50R and (1) 5-20GR, Gray

Catalog Number	Configuration
U6276-O-100S-75W-1013-PGE	(1) 100 Main Breaker Series-Wired (1) 50 Amps 14-50R (1) 30 Amps TT30 (1) 20 Amp 5-20GR Duplex RAL 1013 Green

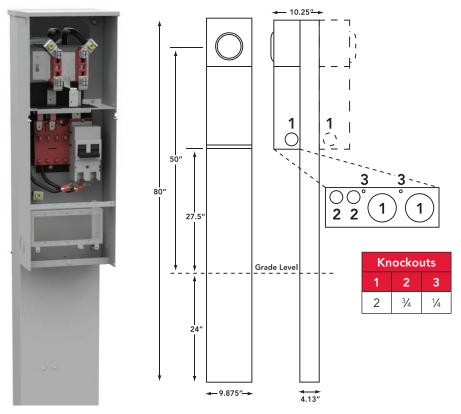
#### **Notes**

- Pedestals are NEC 2020 compliant.
- Contact factory for additional options.
- Extension kit and stabilizer foot available.
- Replacement parts available (covers, dead-fronts, receptacles, breakers).
- **U6278** pad mount requires the **K6295** (Gray) or **K6295-G1** (Munsell Green) pad-mount foot-kit sold separately.



### Service Pedestals

200 Amps | U5240 and U5241 Series | Ring-Type



U5240-O-200S

#### **Specifications**

- Units with -100S or -200S are NEC 2020 compliant.
- Twin line-termination lugs #6-350 CU/AL per phase for looping.
- 200 Amps maximum, 120/240 Volt, single phase, three wire meter socket.
- Ring-type meter socket with stainless steel screw-type sealing ring.
- Short circuit withstand rating 22K AIC.
- NEMA 3R construction for durable outdoor use, one piece post lockable and sealable.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and neutral: (2) #6-350 kcmil per phase.
- Line ground: (4) #14-1/0.
- Load: see Circuit Breaker page.
- Load neutral: (1) #6-350 kcmil.
- Load ground: (2) #14-1/0, (4) #14/6.
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 and 200 Amps. Type UQFPH-M.
- Four-circuit-plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers up to a total of 125 Amps maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens.
- Factory or field-installable receptacle bridge and receptacle/circuit breaker kits available. See accessories.





200 Amps | Ring-Type | NEC 2020 Compliant

#### 200 Amps | 4 Terminals | Service Pedestals | Ring-Type

Catalog	Dannada	Manustina	Main Breaker	Main CD	Circuits	Dimensions			
Number	Powerheads	Mounting	iviain breaker	Main CB	Circuits	D"	W"	H"	
U5240-O-100S	Single	Direct Burial	UQFPH-M-100	100	4	101/4	10	80	
U5240-O-200S	Single	Direct Burial	UQFPH-M-200	200	4	101/4	10	80	
U5242-O-200S	Single	Pad-Mount	UQFPH-M-200	200	4	101/4	10	56	
U5241-O-100S	Double	Direct Burial	(2) UQFPH-M-100	100	4	16	10	80	
U5241-O-200S	Double	Direct Burial	(2) UQFPH-M-200	200	4	16	10	80	
U5243-O-200S	Double	Direct Burial	(2) UQFPH-M-200	200	4	16	10	80	

#### Accessories

Catalog Number	Description				
K5415	Stabilizer Foor with Hardware				
K5035	Pad-Mount Kit with Hardware for U5242 and U5243				
K5T	Fifth Terminal for 208y/120V 3-Wire Service				
K5193	Bus Kit to Convert Series-Wired Main Breaker to Series				
K5194	Wire Kit to Convert Parallel-Wired Main Breaker to Series				
K3450	Telephone/CATV Mounting Bracket (Mounts Left or Right)				
K5039	Penta Bolt Utility Cover				

#### **Notes**

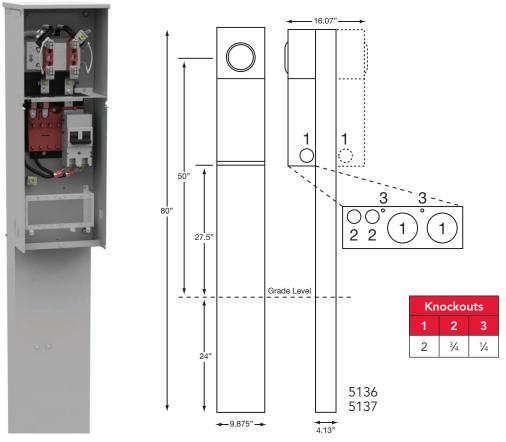
- Up to two receptacle/circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- K5415 stabilizer foot sold separately. Recommended for double pedestals.
- Pad-mount pedestals require K5035 pad-mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.





### Service Pedestals

200 Amps | Ringless



#### U5136-O-200S

#### **Specifications**

- Units with -100S or -200S are NEC 2020 compliant.
- UL-listed.
- 200 Amps maximum, 120/240 V, 1Ø3W.
- Ringless type meter socket with stainless steel latch.
- Short circuit withstand rating 22K AIC.
- NEMA 3R construction for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and Neutral: (2) #6-350 kcmil per phase.
- Line Ground: (4) #14-1/0.
- Load (CB): 2/0 to 300 kcmil per pole.
- Load neutral: (1) #6-350 kcmil.
- Load ground: (2) #14-1/0, (4) #14/6.
- Commercial grade, plug-in main circuit breaker. Available in 100, 125, 150 and 200 Amps. Type UQFP-H-M.
- 4 circuit-plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers. Branch circuit rated to 125 Amps max. Acceptable manufacturers: Milbank, Cutler-Hammer, GE or Siemens.
- Twin line-termination lugs #6-350 CU/AL per phase for looping.





U5136 and U5137 Series | Ringless

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

Catalog	Davisukasala	Manustina	A 100 10	According Asset Main Breaken II		lutarian	Dimensions			Knockouts		
Number	Powerheads	Mounting	Amp	Main Breaker	Interior	D"	W"	H"	1	2	3	
U5136-O-100S	Single	Direct Burial	100	UQFPH-M-100	4 circuit	101/4	10	80	2	1/2,3/4	1/4	
U5136-O-200S	Single	Direct Burial	200	UQFPH-M-200	4 circuit	101/4	10	80	2	1/2,3/4	1/4	
U5137-O-100S	Double	Direct Burial	100	(2) UQFPH-M-100	4 circuit	161/16	10	80	2	1/2,3/4	1/4	
U5137-O-200S	Double	Direct Burial	200	(2) UQFPH-M-200	4 circuit	161/16	10	80	2	1/2,3/4	1/4	
U5138-O-200S	Single	Pad-mount	200	UQFPH-M-200	4 circuit	101/4	10	56	2	1/2,3/4	1/4	
U5139-O-200S	Double	Direct Burial	200	(2) UQFPH-M-200	4 circuit	161/16	10	80	2	1/2,3/4	1/4	

#### Accessories

Catalog Number	Description				
K5415	Stabilizer Foot with Hardware				
K5035	Pad-Mount Kit with Hardware for <b>U5138</b>				
K5T	Fifth Terminal for 208y/120V 3-Wire Service				
K5193	Bus Kit to Convert Series-Wired Main Breaker to Parallel				
K5194	Wire Kit to Convert Parallel-Wired Main Breaker to Series				
K3450	Telephone/CATV Mounting Bracket (mounts left or right)				
K5039	Penta Bolt Utility Cover				

#### **Notes**

- Parallel to series conversion: For field converting from parallel-wired to series wired order K5194.
- Fifth terminal: For field-installed fifth terminal, order K5T.
- Stabilizer foot: For field-installed stabilizer foot, order K5415.
- Penta bolt locking: For field-installed pedestal fronts penta bolt locking, order K5039.
- Pad-mount units: Pad-mount pedestals require K5035 pad-mount kit. Order separately.
- Receptacles and circuit breakers can be found in the accessories section.

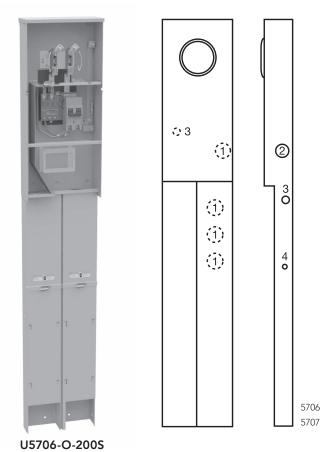






### Service Pedestals

U5706 Series | Ringless



#### **Specifications**

- Pedestals are NEC 2020 compliant.
- 200 Amps, 1Ø, 120/240 Volt, 22K AIC, underground service only.
- U5706 has ringless meter socket available with or without horn bypass (-KK).
- U5707 has ring-type meter socket with MR-4 screw-type meter ring.
- Suitable for use as service equipment, mobile home service equipment and temporary power service equipment.
- Direct burial pedestal suitable for free standing or structure mounted installation.
- Separate line and load wireways are removable, lockable and sealable for security.
- · Left side is for utility connection. Right side is for customer underground load exit.
- Convenient knockouts in post for through-wall load exit requirements.
- NEMA 3R enclosure constructed with type G90 galvanized steel.
- Repaintable light gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors. For line and neutral use #6-350, for ground use (4) #14-1/0.
- Main circuit breaker can be series- or parallel-connected.
- Universal four-circuit branch 125 Amps interior (up to (2) two-pole) accepts most manufacturers plug-in type circuit breakers.
  - See wiring diagram.
- \*Provisions for up to two NEMA 3R in-use receptacle.
- \*Order receptacle and bridge separately. See ordering information.





U5706 and U5707 Temp to Final | Ringless/Ring-Type

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

Catalog Number	Comico	D	Connecto	ors CU/AL	Di	mensic	ons		Knoc	kouts	
Catalog Number	Service	Bypass	Line	Load	D"	W"	Н"	1	2	3	4
U5706-O-200S	UG	None	#6-350	СВ	5½	14	80	21/2	2	1	1/4,1/2
U5706-O-200S-KK	UG	Horn	#6-350	СВ	5½	14	80	21/2	2	1	1/4,1/2

#### 200 Amps | 4 Terminals | Meter Main Pedestal | Ring-Type

	Catalan Number	Comileo	D	Connecto	rs CU/AL	Di	mensic	ons		Knoc	kouts			
ı	Catalog Number	Service	Service	Service	Бураss	Line	Load	D"	W"	Н"	1	2	3	4
	U5707-O-200S	UG	None	#6-350	СВ	5½	14	80	21/2	2	1	1/4,1/2		

#### **Notes**

- Fifth terminal: For field-installed fifth terminal, order K5T.
- Receptacles: Maximum of two receptacles can be added. Contact Milbank for details.
- Post extension kit: To increase pedestal height, order field-installed post extension kit K5708.
- Branch circuit breakers (four additional single-pole spaces): Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler-Hammer). Load center's four left stabs are rated up to 125 Amps total.

#### **Accessories**



K5400-BRIDGE-1POS



K5400-BRIDGE-2POS



UQFPH-M-200

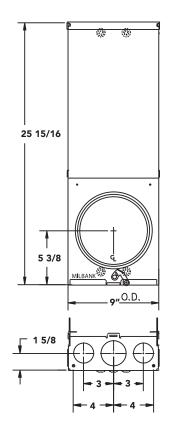


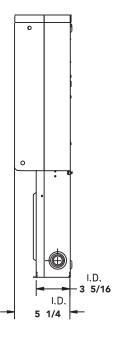


## **Temporary Power**

### U4908 and U4909 Underground Service Power Outlet







U4908-O-100MB-11GR

**Specifications** 

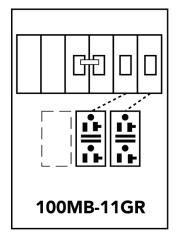
- Available in ringless style (U4908 series) or ring-type (U4909 series).
- UL-listed 100 Amps, 120/240 Volt 1Ø Underground Service Power Outlets.
- Short circuit current withstand rating 10K RMS symmetrical Amperes.
- NEMA 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16-gauge steel.
- ANSI 61 gray polyester powder coat finish.
- Convenient concentric knockout configurations and mounting embosses.
- Wire terminations accept copper or aluminum conductors.
- Service line and neutral: (1) #6-2/0
- Service load ground: (2) 1/0-#14 and (4) #6-#14.
- Load Neutral: (2) 1/0-#14 and (4) #6-#14 Service Ground: #2-#8.
- Six circuit-plated copper interior accepts standard plug-in type circuit breakers.
- Three position **self-grounded** receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Four terminal, ringless meter socket with stainless steel locking hasp. Ring-type socket has aluminum MR-2 snap-action sealing ring.
- Lockable hinge cover and deadfront are removable for installation and maintenance. Stay-open hinge cover has safety interlock on deadfront. Deadfront must be removed before hinge cover can be removed.
- Tamper-proof fastening available.

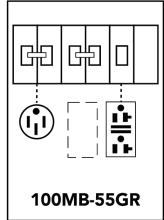


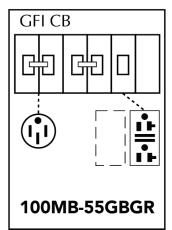


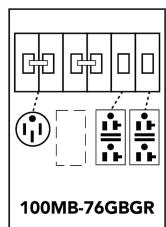
U4908 and U4909 Underground Service Power Outlet

#### U4908 and U4909 Standard Configurations









2-20A / 125V 1-100A / 125-250V 1-20A / 125V 1-50A / 125-250V 1-100A / 125-250V 1-20A / 125V 1-50A / 125-250V 1-100A / 125-250V

2-20A / 125V 1-50A / 125-250V 1-100A / 125-250V

#### **Ordering Information**

Catalog Number	Socket Type	Description
U4908-O-100MB-11GR	Ringless	Includes 100 Amps main breaker
U4908-O-100MB-55GBGR	Ringless	Includes 100 Amps main breaker
U4909-O-100MB-11GR	Ring-Type	Includes 100 Amps main breaker
U4909-O-100MB-55GBGR	Ring-Type	Includes 100 Amps main breaker
U4909-O-100MB-76GBGR	Ring-Type	Includes 100 Amps main breaker

#### **Specifications**

- Flat cover may not close completely with twist locking devices in use. Order slope-front 3R cover #1107681 separately to use with twist lock-type receptacles.
- Stock item availability subject to prior sale.
- Non-stock items minimum order quantity required.
- Field installable main breaker kit: K5400-100MBM
- NEC 2020 compliant: Units with -100MB are NEC 2020 compliant.





## **Temporary Power**

### Metered Surface-Mount Power Outlet



U5865-XL-100MB-38GBGRW

#### **Specifications**

- Product is NEC 2020 compliant.
- UL-listed 125 Amps, 120/240 Volt, 1Ø poweroutlet.
- Short circuit current withstand rating 10K RMS symmetrical amperes.
- NEMA 3R welded enclosure for durable outdoor use.
- ANSI 61 gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and line neutral: 250-#6.
- Six circuit-plated copper interior accepts standard plug-in type circuit breakers.
- Components factory-wired with stranded copper wire.
- Lockable hinge cover and deadfront are removable for installation and maintenance.
- **U5865-XL-100MB-38GBGRW** includes: (1) L6-30, (1) 30A, 2P, 240V GFI Breaker, (2) 5-20GR GFI receptacles, (2) 20A, IP, 120V Breaker, (1) 100 Amps main breaker.





## **Temporary Power**

### Series U5001 Unmetered Surface-Mount Power Outlet

Catalog Number	Circuit Breaker Description			
Q115	15 Amps – 1-Pole – 120/240 – Plug-In Circuit Breaker			
Q120	20 Amps – 1-Pole – 120/240 – Plug-In Circuit Breaker			
Q130	30 Amps – 1-Pole – 120/240 – Plug-In Circuit Breaker			
Q220	20 Amps – 1-Pole – 120/240 – Plug-In Circuit Breaker			
Q250	50 Amps – 2-pole – 120/240 – Plug-In Circuit Breaker			
Q2100	100 Amps – 2-pole – 120/240 – Plug-In Circuit Breaker			
708784-MO	20 Amps – GFCI – 1-Pole – 120/240 – Plug-In Circuit Breaker			
708785-MO	30 Amps – GFCI – 1-Pole – 120/240 – Plug-In Circuit Breaker			
707915-MO	50 Amps – GFCI – 1-Pole – 120/240 – Plug-In Circuit Breaker			
703997-MO	50 Amps – Quad – 2-pole – 120/240 – Circuit Breaker			

Catalog Number	Receptacle Description		
708777-MO	20 Amps – 120V – NEMA 5-20R – Duplex Receptacle		
<b>708080-MO</b> 20 Amps – 120V – NEMA 5-20 – GFCI Duplex Receptacle			
704995-MO	20 Amps – 250V – NEMA 6-20R – Single Receptacle		
701776-MO	30 Amps – 120V – NEMA TT-30R – Travel Trailer Receptacle		
706761-MO	50 Amps – 120V – 3-pole – 3-Wire – NEMA 10-50R – Receptacle		
Z700911-MO	50 Amps – 120/250V – 3-pole – 4-Wire – NEMA 14-50R – Receptacle		

Catalog Number	Lug Landings and Breaker Base Description
Z1050596	MPRV/MPAP – Lug Landing (Twin #6-350 KCMIL)
Z020-148-00-00-0	MPAP – Complete Interior Assembly

#### Note

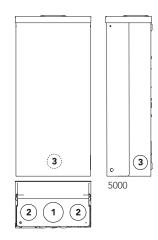
• The following brand names may be supplied when replacement circuit breakers are ordered: Cutler-Hammer/ Westinghouse – QP, BQC, BD, BR. Siemens/ITE – Q, QT. General Electric – TQ, THQ, THQL. Challenger – C, Q, QC, QP. Contact sales office for brand specific requirements.



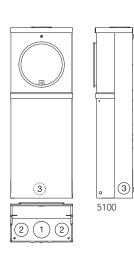
### **Surface-Mount Power Outlets**

Millennium Series | 120/240V









U5100-XL-75

#### 125 Amps | Surface-Mount Power Outlets

Catalog	Metered/	Receptacle	Circuit Breaker	Loop	Connectors	Dir	nensi	ons	Kn	ocko	uts
Number	Unmetered	Configuration	Configuration	Feed	Line	D"	W"	Н"	1	2	3
U5000-XL	Unmetered	_	_	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	11/2	11/4
U5000-XL-41	Unmetered	А	X	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	11/2	11/4
U5000-XL-55	Unmetered	В	Y	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	11/2	11/4
U5000-XL-75	Unmetered	С	Z	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	11/2	11/4
U5100-XL	Metered	_	_	No	#6-250	5½	91/8	25	2	11/2	11/4
U5100-XL-41	Metered	А	X	No	#6-250	5½	91/8	25	2	11/2	11/4
U5100-XL-55	Metered	В	Y	No	#6-250	5½	91/8	25	2	11/2	11/4
U5100-XL-75	Metered	С	Z	No	#6-250	5½	91/8	25	2	11/2	11/4

#### **Receptacle Configurations**

А	В	С
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI

#### **Circuit Breaker Configurations**

Х	Υ	Z
	<b>8+0</b> 0	+111
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

#### NOTE

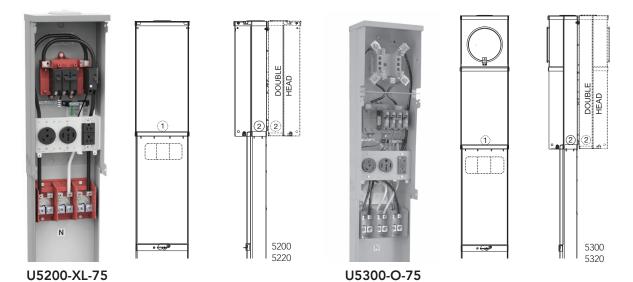
These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.





Millennium Series | 120/240V



125 Amps | Power Outlet Pedestals

Catalog	Double Head Metered/ Receptacle Circuit Break		Circuit Breaker	Dimensions		ons	Mounting	
Number	Catalog Number	Unmetered	Configuration	Configuration	D"	W"	Н"	Туре
U5200-XL	U5220-XL	Unmetered	_	_	5%16	91/8	641/2	Direct Burial
U5200-XL-41	U5220-XL-41	Unmetered	А	Х	5%16	91/8	641/2	Direct Burial
U5200-XL-55	U5220-XL-55	Unmetered	В	Y	5%16	91/8	641/2	Direct Burial
U5200-XL-75	U5220-XL-75	Unmetered	С	Z	5%16	91/8	641/2	Direct Burial
U5300-O	U5320-O	Metered	_	_	5%16	91/8	701/4	Direct Burial
U5300-O-41	U5320-O-41	Metered	А	Х	5%16	91/8	701/4	Direct Burial
U5300-O-55	U5320-O-55	Metered	В	Y	5%16	91/8	701/4	Direct Burial
U5300-O-75	U5320-O-75	Metered	С	Z	5%16	91/8	701/4	Direct Burial

#### **Notes**

• Receptacle configurations - Reference chart on page 93.

#### **NOTE**

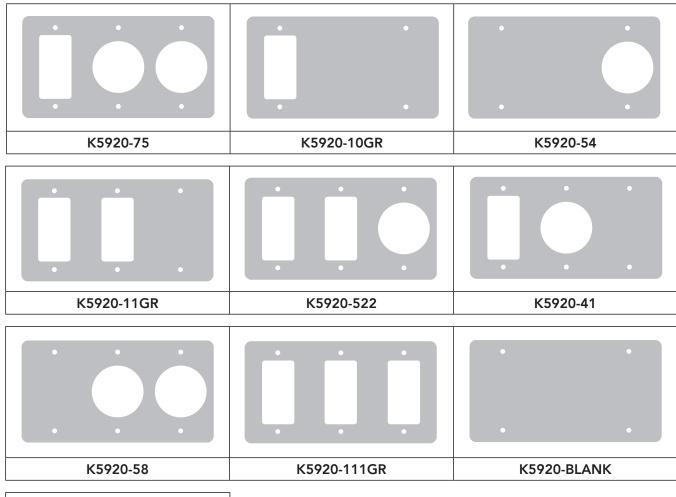
These units are typically used for submetering applications. Contact factory for additional configurations not shown here. Pad-mount is available. Contact factory for information.

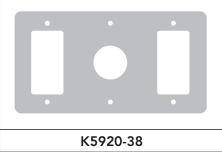




## Replacement Receptacle Plates

For Millennium Series Products





#### **Notes**

• For application details, consult factory.



## **Lighting Accessories**

For Millennium Series Products

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

Application	Internal light kit for unmetered power outlets.	100000000000000000000000000000000000000
LED Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory-wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately.  Cover on unmetered power outlet is 191/8" in height.	
Ordering	Order with <b>-LD</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K6212</b> for field-installed.	do .

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

Application	Internal light kit for unmetered power outlets.	
Fluorescent Features	Includes five-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory-wired to 20 Amps GFCI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately.  Cover on unmetered power outlet is 191/8" in height.	
Ordering	Order with <b>-L</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K5411</b> for field-installed.	10

#### Photoelectric Light Control Kit

Application	Photoelectric light control kit for <b>K5411</b> light kits.	
Features	2.5 Amps, 120 Volt photo electrical control wired-in series with <b>K5411</b> light kits.	
Ordering	Order with <b>-LPC</b> suffix for factory-installed light and PE control.  Order catalog number <b>K5413</b> for field-installed.	

WARNING!
Always disconnect power prior to installing these devices.





## **Lighting Accessories**

For Millennium Series Products

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

Application	Internal light kit for metered power outlets.	40000000
LED Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory-wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately.  Cover on metered power outlet is 15½" in height.	
Ordering	Order with <b>-LD</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K6213</b> for field-installed.	
Application	Internal light kit for metered power outlets.	
Fluorescent Features	Includes five-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory-wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately.  Cover on metered power outlet is 15¼" in height.	
Ordering	Order with <b>-L</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K5412</b> for field-installed.	M. Dave

#### Photoelectric Light Control Kit

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

WARNING!
Always disconnect power prior to installing these devices.



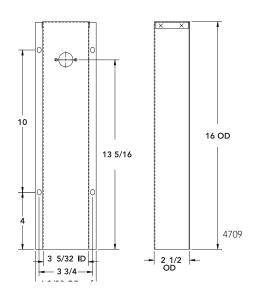
For Millennium Series Products

#### Telephone and Cable TV Kit

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

#### Water Shroud with Hardware

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





## **Pedestal Mounting Accessories**

For Millennium Series Products

#### Field-Installed Pad-mount Kit

Application	Field-installed pad-mount kit with (6) ¾" mounting holes.	
Features	Includes ¼-20 stainless steel hardware to attach pad-mount base to post.  Anchor bolt kit sold separately (order catalog number <b>K5421</b> ).	
Ordering	Order catalog number <b>K5410</b> .	

#### Stabilizer Foot with Hardware

Application	Stabilizes direct burial-type posts in unstable soil conditions.	
Features	Includes ¼-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals.	
Ordering	Order catalog number <b>K5415</b> .	

#### **Anchor Bolt Kit**

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



For Millennium Series Products

#### Field-Installed Meter Kits

Application	Field-installed meter kit for <b>U5000</b> and <b>U5200</b> power outlets.	
Features	100 Amps cast meter socket, <b>CL-200D</b> E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws.  See CL200 for watthour meter specification.	KAROO D
Ordering	Order catalog number <b>or K4800-D digital meter kit.</b>	<b>K4800-D</b> Digital

#### E-Z Read Watthour Meter

Application	200 Amps E-Z Read watthour meter designed to be field-installed on the <b>U5100</b> and <b>U5300</b> metered power outlets.	
Features	200 Amps form 2S 120/240 Volt.  Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available.  Remanufactured within 1% accuracy.	Commission of Revision and a second state of the second state of t
Ordering	Order catalog number <b>CL200-D</b> .	<b>CL200-D</b> Digital

#### Single Receptacle Only Power Outlet

Application		ground power out emporary service, ovard equipment.		
	NEMA 3R, 120/2	40 Volt single pha	se.	
Features	Lockable cover.			
	Breaker not inclu	ded (in receptacle	box).	
Ordering	Order catalog nu	mber from chart b	elow.	
Receptacle Options	P-10GWR 20A 5-20GR 120V GFI	<b>P-13WR</b> 30A TT-30R 120V	P-54WR 50A 14-50R 120/240V	ANGER / F\$LIGRO  OF RESPECT SPOC GREAT  The PART OF TH

#### **WARNING!**

Always disconnect power prior to installing these devices.



## Replacement Parts and Accessories

For Millennium Series Products



**Q120** 20 Amps, 1-Pole Circuit Breaker



**708784-MO** 20 Amps, 1-Pole GFI Circuit Breaker



**Q130** 30 Amps, 1-Pole Circuit Breaker



**Q250** 50 Amps, 2-Pole Circuit Breaker

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



**Z918466-AC** Lug Landing Base



**Z917602-AC**Circuit Breaker Base (6-Circuit)



**Z915141-AC** Left or Right Meter Block Assembly



## Replacement Parts and Accessories

95

For Millennium Series Products



Z918449-SC (19" Unmetered) Z918447-SC (15" Metered) Hinge cover



Z818052-SC (19" Unmetered) Z818480-SC (15" Metered) Deadfront



MR-2 Snap-Action Sealing Ring



**Z708080-MO** 20 Amps GFI Receptacle NEMA 5-20GR



**Z701776-MO** 30 Amps Receptacle NEMA TT-30



**Z708767-MO** 50 Amps Receptacle NEMA 14-50R



### Recreational Vehicle

### 600-1200 Amps | Pad-Mounted Panel Board







#### **Specifications**

- 600 to 1200 Amps, 120/240 Volt, 1Ø distribution bus accepts up to (6) 2-pole, 200 Amps circuit breakers. Order from chart below.
- Costly main breaker not required per NEC 230-71.
- Economical alternative to costly wall-hung or strut-mounted panelboards and load centers.
- Low profile, aesthetic design can be located near utility transformers or fed from a main service to a convenient location.
- Pad-mounted NEMA 3R powder coated aluminum enclosure standard color is gray.
- Hinge door and lift-off rear service door are lockable and sealable for security.

**NOTE:** Consult local code enforcement for pad size requirements. Order catalog number **CP-24-PDMNT-CALT** pad-mount base or catalog number **CP-ABK5/8** anchor bolt kit separately.

#### **Circuit Breakers**

Catalog	Amns	Phase	Volts	Connecto	ors CU/AL	Dimensions		
Number	Amps	Filase	VOILS	Line	Load	D"	W"	Н"
CP3B-AUX-1200	1200	1Ø	120/240	(3) 1-600 kcmil/Ø or (3) 2-250 kcmil/Ø	See Circuit Breaker	17	24	41



#### Circuit Breakers 200 Amps Frame | Plug-In | 10K AIC | Two-Pole | Common Trip

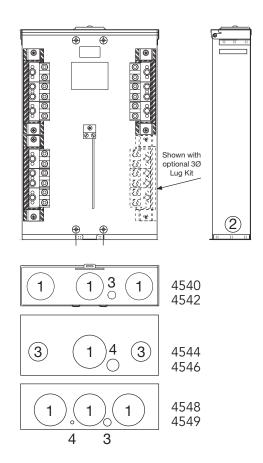
Two-pole	10K AIC	Package								
Rating	Plug-In	Quantity	Line	Load						
100	UQFP-100	1	#3-#1 – #1-1/0							
125	UQFP-125	1	#3-#1 – #1-1/0							
150	UQFP-150	1	1/0-300 – 2/0-300							
175	UQFP-175	1	1/0-300 – 2/0-300					1/0-300 – 2/0-300		
200	UQFP-200	1	1/0-300 – 2/0-300							



### 600-1200 Amps | Pad-Mounted Panel Board



U4540-XL



#### Terminal Boxes | 1Ø and 3Ø | 120/240V

Catalog	A 110 110 0	Phase	Volts	Hub 1Ø to	1Ø to Connectors		to Connectors	Dimensions			Knockouts				
Number	Amps	Pnase	VOITS	пир	3Ø Kit	CU7AL	D"	W"	Н"	1	2	3	4	5	
U4544-XL	100	1	120/240	C.P.	K4543	(6) #12-1/0	41/8	913/16	18	_	2	2	1	1/4, 1/2	
U4546-XL	100	3	600	C.P.	N/A	(6) #12-1/0	41//8	913/16	18	_	2	2	1	1/4, 1/2	
U4540-XL	200	1	120/240	C.P.	K4539	(6) #6-350	41/8	1413/16	23	_	11/4	2½	2½	1/4, 1/2	
U4542-XL	200	3	600	C.P.	N/A	(6) #6-350	41//8	1413/16	23	_	11/4	2½	2½	1/4, 1/2	
U4548-RXL	400	1	120/240	C.P.	K4547	(3) #6-350 or (2) #4-600	5	15½	27	3	3	3	1/4, 1/2	1/4	
U4549-RXL	400	3	600	C.P.	N/A	(3) #6-350 or (2) #4-600	5	15½	27	3	3	3	1/4, 1/2	1/4	

#### **Notes**

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





## **Dry Type Transformers**

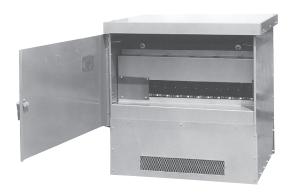
### With Distribution for RV and Mobile Home Park Applications



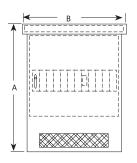
480 Volts to 120/240 Single Phase								
Catalog Number KVA Weight								
10URMD*	100	1050 lbs.						
16URMD*	167½	1400 lbs.						
20URMD*	200	1650 lbs.						
25URMD	250	1950 lbs.						

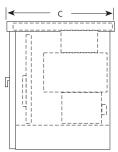
<sup>\*</sup> UL-listed

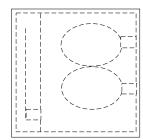
2400 Volts to 120/240 Single Phase			
Catalog Number	KVA	Weight	
10URMD24	100	1050 lbs.	
16URMD24	167½	1400 lbs.	
20URMD24	200	1650 lbs.	
25URMD24	250	1950 lbs.	



Voltage	Dimensions		
	Α	В	С
480V, A	48"	38"	40"
2400V, A	48"	41"	53"







#### **Specifications**

- Built in accordance with NEMA, ASA and AIEEE standards. Designed and tested to withstand 150% of rated load for two continuous hours. Consult local utility for acceptance of this product.
- Integrated design of the enclosure, core and coil, and secondary distribution panel permits convenient vertical line and load terminations.
- Primary and/or secondary main circuit breaker protection available. Consult local utility for 480 Volt overcurrent protection requirements. Single fuse primary overcurrent protection provided on 2400 Volt and above units.
- Other primary voltages available: 4160, 4800, 7200, 7960, and 12,470. Consult factory. Not UL-listed.

#### **Core and Coil**

- Aluminum-wound (copper available)
- Standard voltage taps at 2FCAN and 4FCBN
- Rated at 150° C temperature rise

#### **Distribution Bus**

- 1600 Amps tin-plated aluminum
- Space available for up to (12) circuit breakers 1600 Amps maximum
- Uses Milbank type UQFP-100 through 200 Amps circuit breakers (see page 117-118)

#### **Enclosure**

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



### Attractive | Easy-to-Install | Secure | Cost-Effective

Milbank enclosed controls are an alternative to unsightly and inefficient strut and backboard structures. Enclosed controls are an attractive, secure, easy-to-install and cost-effective solution for underground remote site power distribution. Cabinets are weather-resistant enclosures that can be crafted to suit any environment with various mounting options. Each individual unit features a utility pull section with an optional meter socket and a separate customer section with distribution and control equipment.







**Commercial Pedestal** 

# UL-Listed as Industrial Control Equipment (File E113855) Standard Features

- NEMA Type 3R rain-resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available).
- UL-listed as enclosed industrial control equipment (UL508A).
- Isolated lockable and sealable utility metering and lug landing sections.
- Lockable customer section for distribution and control equipment with internal deadfront.
- Print pocket inside customer section door contains wiring schematics and installation instructions.
- Load centers are UL-listed for use with various manufacturers' circuit breakers.
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws).

















Attractive | Easy-to-Install | Secure | Cost-Effective







#### **Applications**

These units are ideal for controlling and metering:

- Traffic signals and street lighting for municipalities.
- Power distribution for electric vehicle charging stations.
- Communication equipment such as cell towers and telephone vaults.
- Event power for fairgrounds, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances.

#### **Available Factory-Installed Options**

- Meter sockets: ring type or ringless, up to 400 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panelboards
- Clocks, timers and relays
- Photoelectric cells and controls
- Various power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: lighting, definite purpose, motor starters
- Surge protection and lightning arresters
- Generator inlets with interlocked breakers
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and Terminals blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers

#### **Options**

- Available in steel, aluminum (raw painted or anodized) or stainless steel construction with powder coated finish available in eight standard colors or special-ordered RAL colors.
- $\bullet$  Available for applications up to 400 Amps, 120V, 208V, 240V, 277V, 480V 1Ø or 3Ø.

#### Accessories



Pad-mount bases available for all pedestal sizes, inquire with your representative for details.



#### CP-ABK5/8 Anchor bolt kit (includes four 5/8 - 13

x 18" anchor bolts



105J

Fifth Terminals kit for use with ring type meter sockets



K3865

Fifth Terminals kit for use with ringless 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





101

Main Load Center Commercial Pedestals | 1Ø3-wire 120/240V or 208Y/120V

Application: Remote site service for multiple loads

Milbank Main Load Center Commercial Pedestals are designed to handle the vast majority of all requirements in a standard, stocked configuration.

- All units feature a load center with a plug-on, back-fed main breaker.
- Standard units are equipped with with a 16 circuit load center in the 100 Amps or 24 circuit load center in 200 Amps models.
- Sub-feed lugs 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:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional fieldinstallable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast,
  - easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 Amps model) or 14 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.









### Switched Load Center Commercial Pedestals

#### **Switched Load Center Commercial Pedestals**

1Ø3-wire 120/240V or 208Y/120V

Designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

#### **Features**

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals 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 premounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



Ringless Lever Bypass shown

#### **Applications**



**Traffic Signals** 



Parking Lots



Highways







400 Amps Commercial Pedestals





Designed to provide a weather- and vandal-resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations including:

- Choice of a single main breaker or twin service disconnect breakers gives flexibility to the pedestal design.
- Optional distribution with feed-through lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb sside or other remote area. The pedestal can also provide power to a secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.

#### **Features**

These units include everything required for remote service:

- Main circuit breaker or dual service disconnects.
- Expandable: load center units that allow for future expansion without costly modifications.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section with lug termination.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation.
- Meter socket options include Ring-Type with bypass studs, ringless with heavy duty lever bypass, or K-type bolt-on.

#### **Applications**











### Surface-Mount Compact Design

#### **Surface-Mount Enclosed Controls**

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

#### **Features**

- Mounting options allow for easy installation.
- Overhead and underground entry and exit, all in one unit.
- Meter and components in one enclosure.
- Custom component configurations and UL-listing covers all internal components on the UL508A and UL891.
- Can be mounted on multiple surfaces including:
  - walls.
  - o poles (narrow profile will have minimal extension past sides).
  - O H frames (strut).
- Multiple bypass options available.
- Monitoring options available.
- Optional powder coating in Milbank standard EC color or custom color.





#### **Benefits**

- Smaller footprint
- Flood resistant
- Eliminates need for connecting components
  - O Wire in Wire Out

#### **Applications**



Communications Power Distribution



Lighting Control



Streetscape Power Distribution





### Battery Backup Commercial Pedestals





This product is specifically designed to provide battery backup power to a variety of loads and to conditionally switch specific loads on and off. It can use a photoelectric cell or time clock to control lighting circuits. Battery backup pedestals have options for both metered and unmetered power distribution. These pedestals are highly versatile and can handle the vast majority of today's backup power requirements. Its 19" rack design allows for easy adjustment of shelves to accommodate batteries, DC to AC inverters, transfer switches and other related equipment.

#### **Features**

- Works with 100 through 320 Amps meter sockets with the option of either a ring type socket (conforms to EUSERC 308) with or without test/bypass blocks or a heavy duty ringless socket with lever bypass.
- Separate sealable utility termination compartment.
- An isolated separate customer section with service disconnects, power distribution options and power control.
- 19" wide rack in customer compartment for easy layout of equipment.
- Includes trays to accommodate required batteries.
- Thermostat with cooling fan.
- Filtered louvers for heat rise flow through ventilation.
- Three point door latch (key or padlockable).

#### Note

• May require customization based on regional requirements.

#### **Applications**



Camera and Security Locations



Parking Lots



**Traffic Signals** 



Communications
Power Distribution

#### **Options**

- Manual bypass switch
- Transfer switch for generator power backup
- Generator inlet receptacles 30 Amps through 200 Amps
- Pad-lockable provision for receptacles
- Police access door
- Metered load center distribution
- Unmetered load center distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches

- Contactors
- GFCI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arresters and lighting arresters





### 106

### **Enclosed Controls**

#### Power Transfer Commercial Pedestals



Power transfer commercial pedestals provide metered or unmetered AC power, distribution, surge suppression, mechanical interlock and standby generator receptacles in one compact pedestal.

#### **Features**

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 Amps through 400 Amps ratings
- Pad-lockable, isolated utility compartments
- 20 Amps GFCI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available

#### Note

• May require customization based on regional requirements.







**Traffic Signals** 



Pump and Lift Stations



MILBANK ENERGY AT WORK



CT Metered Commercial Pedestals





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

#### **Features**

- Available configurations up to 800 Amps.
- All utility equipment is isolated in separate padlockable and sealable compartments.
- Separate customer compartment designed to hold distribution and control equipment.
- Deadfront customer construction for enhanced safety measures.
- A mounting base option for various applications.
- Optional construction in steel, aluminum and stainless steel.

#### Note

• May require customization based on regional requirements.

#### **Applications**



Commercial and Industrial Control Systems



Pump and Lift Stations



Water Treatment Plants



Electric Vechicle Charging Stations



### 108

### **Enclosed Controls**

#### Slimline Commercial Pedestals



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

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

#### **Features**

- Available for 100 or 200 Amps.
- Vandal-resistant, secure and attractive design.
- Customer compartment with distribution and control equipment with swing deadfront 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.
- Slim design creates a smaller footprint.
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back as close as 14" to walls or structures.
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (unmetered) heights. Includes a print pocket for plans and drawings.
- Voltage range is between 120V and 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 or aluminum; raw, anodized or powder coated, as well as stainless steel exterior options.









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

distributors and contractors alike.

#### **Notes**

- May require customization based on regional requirements.
- Direct bury pedestals are only available for 12" pedestals.
   Constructed with 14-gauge steel.





Accessories

109

The Milbank mounting base is a standalone foundation system that doesn't need to be used in conjunction with anchor bolts. The base is intended to be encased in concrete up to the top flange while leaving the mounting hardware intact. Once the concrete has cured the mounting bolts can be removed and reused to secure the pedestal.



CP-16PDMNT-CALT - 16" pedestal mounting base
CP-24PDMNT-CALT - 24" pedestal mounting base
CP-32PDMNT - 32" pedestal mounting base

Bases available for all Milbank Enclosed Controls.

All bases include mounting hardware.



K3865
Fifth terminal kit for use with ringless lever bypass meter sockets

K3865
Fifth terminal kit for use with ringless lever bypass meter sockets



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



7-day time clock kit

CP-TC24H

24-hour time clock kit

CP-TCWIRE

CP-TC7D

Male 4-pin connector and wiring harness for use with time clocks other than shown



**CP-PE-TYP5-2POS**Two position PE control kit



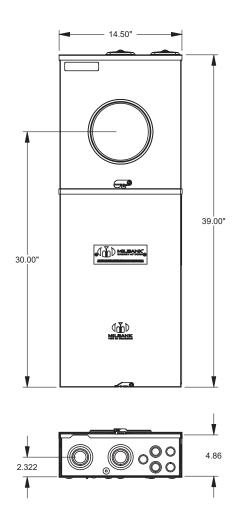
CP-PE-HOA-3POS HOA (Hand-Off-Auto) switch for field installation

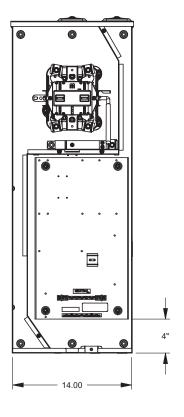




## Surface-Mount Compact Commercial Pedestal Drawing

## "N" Style Surface-Mount Commercial Pedestal



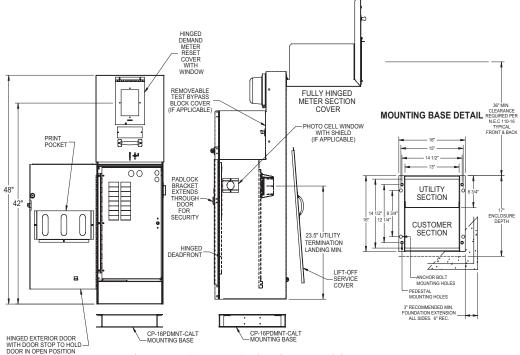






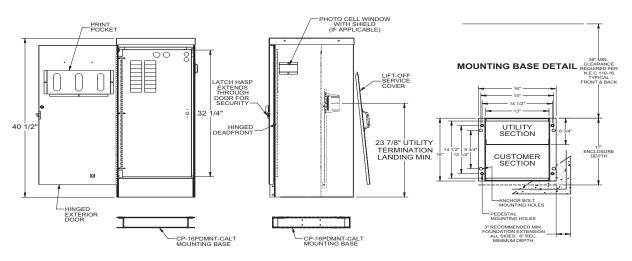
16" Metered and Unmetered Commercial Pedestal Drawings

## "A" Style 16" Metered Commercial Pedestal



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

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



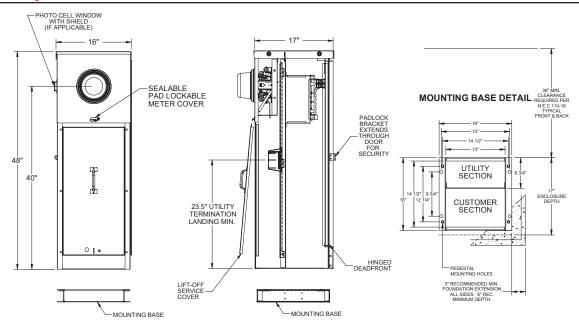
Pad Mount Base or (4) 5/8-11 X 18" Anchor Bolts Recommended



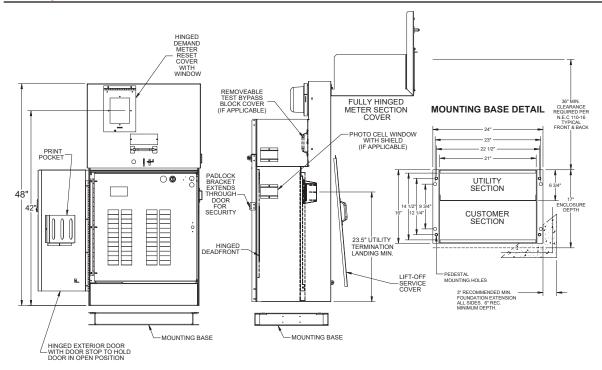


16"- 24" Metered Commercial Pedestal Drawings

### "P" Style 16" Metered Commercial Pedestal



### "B" Style 24" Metered Commercial Pedestal

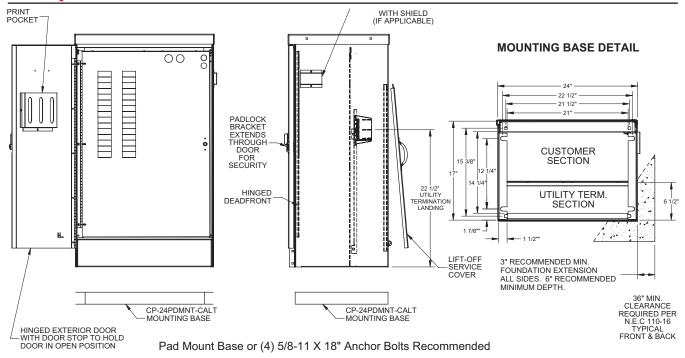




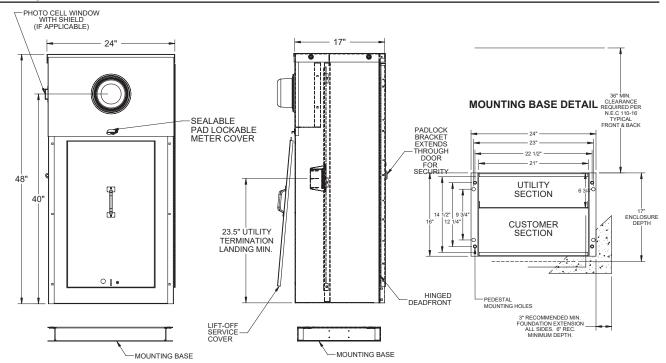


24" Unmetered and Metered Commercial Pedestal Drawings

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



## "R" Style 24" Metered Commercial Pedestal

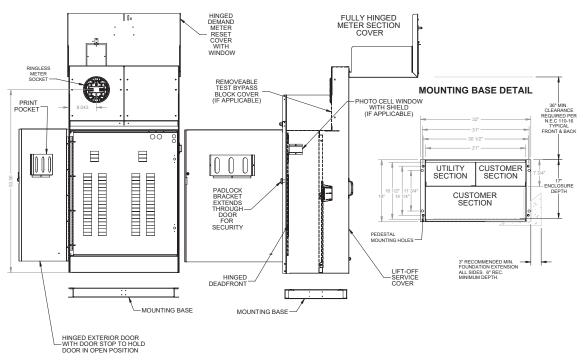




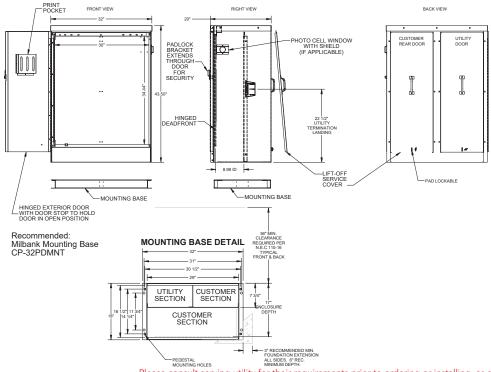


32" Unmetered and Metered Commercial Pedestal Drawings

### "K" Style 32" Metered Commercial Pedestal



### "Q" Style 32" Unmetered Commercial Pedestal

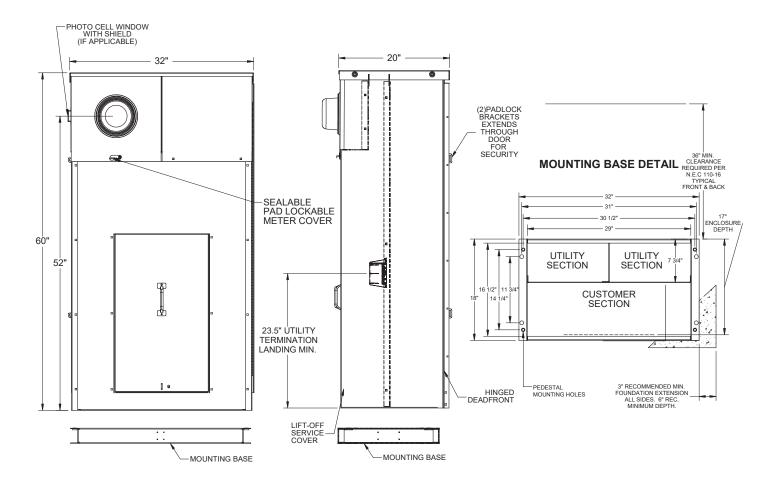






32" Metered Commercial Pedestal Drawings

### "S" Style 32" Metered Commercial Pedestal (with One or Two Meters)

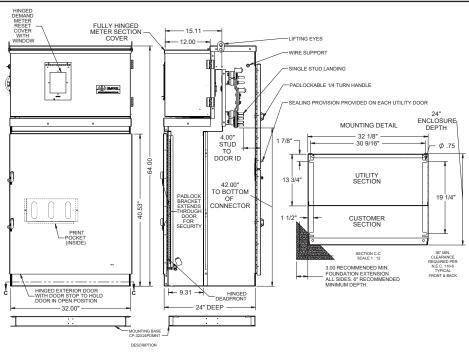




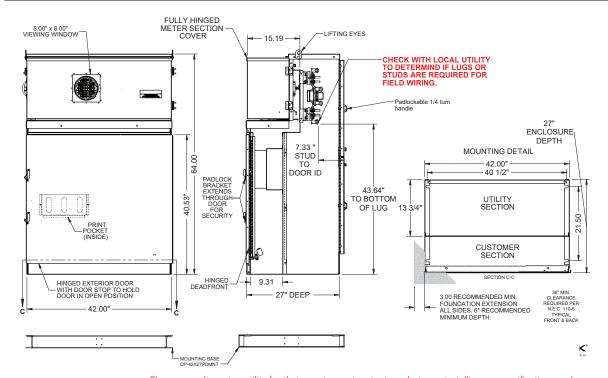


32"- 42" CT Rated Commercial Pedestal Drawings

## "Z" Style 32"Metered Commercial Pedestal - CT Rated



### "T" Style 42" Metered Commercial Pedestal - CT Rated

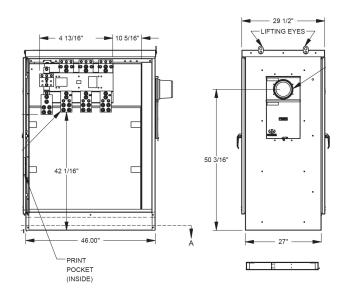


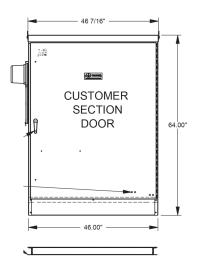


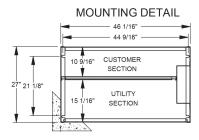


46" CT Rated Metered Commercial Pedestal Drawings

## "W" Style 46" Metered Commercial Pedestal - CT Rated





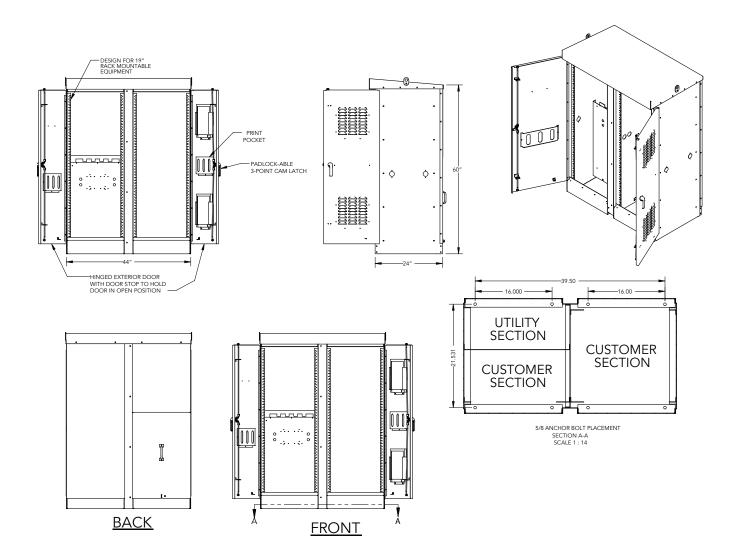






44" Unmetered Commercial Pedestal Drawings

## "D" Style 44" Unmetered Commercial Pedestal

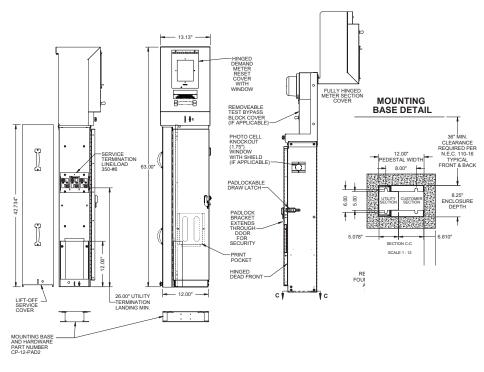




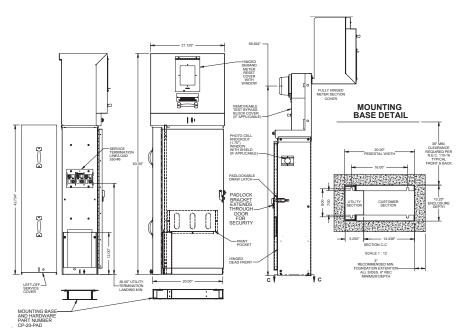


12" and 20" Slimline Pedestal Drawings

## "A" Style 12" Covered Metered Commercial Pedestal - Slimline



## "B" Style 20" Covered Metered Commercial Pedestal - Slimline

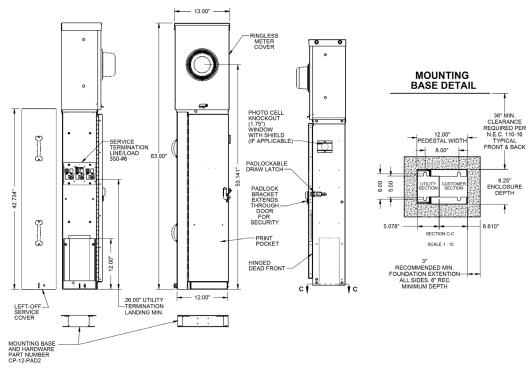




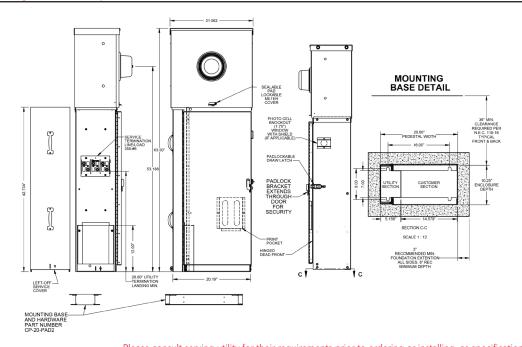


12" and 20" Exposed Meter Slimline Pedestal Drawings

## "K" Style 12" Exposed Meter Commercial Pedestal - Slimline



## "L" Style 20" Exposed Meter Commercial Pedestal - Slimline

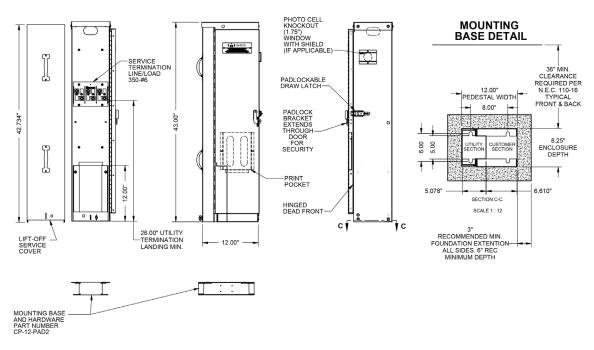




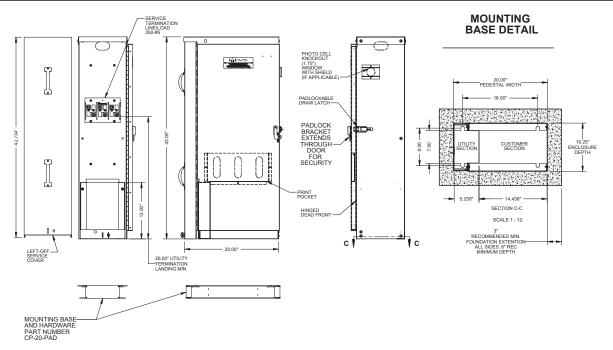


12" and 20" Unmetered Slimline Pedestal Drawings

## "O" Style 12" Unmetered Commercial Pedestal - Slimline



## "P" Style 20" Unmetered Commercial Pedestal - Slimline







# **NEMA Commercial Enclosures**



### **NEMA Commercial Enclosures**

Milbank's line of commercial enclosures includes the full gamut of styles and sizes: everything from junction boxes to transformer cabinets, telephone cabinets to wireways.

#### **Type-1 Enclosures**

Milbank's NEMA Type-1 enclosures are designed for indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects, such as falling dirt.

### **NEMA Type 3R Enclosures**

Milbank's NEMA Type 3R enclosures are designed for either indoor or outdoor use to provide a degree of protection from harmful effects on the equipment due to the ingress of water (rain, sleet, snow) or prevent damage from the external formation of ice on the enclosure.

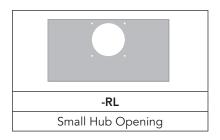
#### Wireways

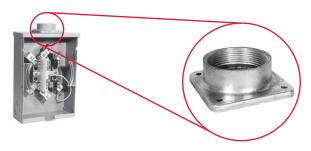
Milbank's wide range of wireways are available in many styles and sizes and a varied range of fittings allow smooth transitions to and from many manufacturers' products.



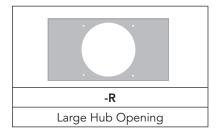


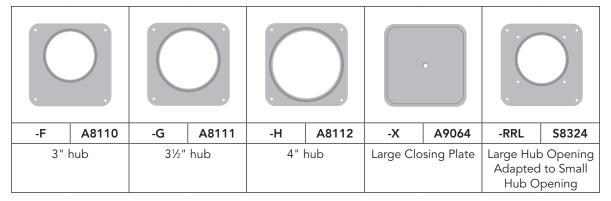
## Hubs and Closing Plates











### **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).

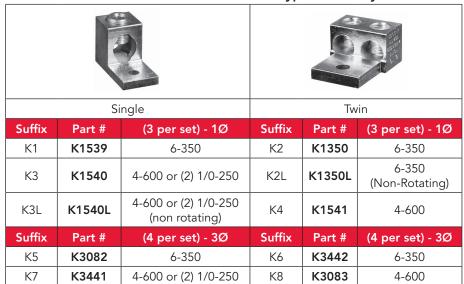




## **Accessories**

## Connector Kits, Closing Kits and Generator Interlock

#### Connector Kits — For Use with %"-16 Stud Type Units Only



#### **Bypass Link**



### **Closing Covers**



#### **Generator Interlock**



#### **Disconnect Sleeve**



lever bypass sockets.

#### **Anti-Inversion Clip**



#### **Isolated Neutral Kit**





## Fifth Terminal, Tap Connectors and Block Assemblies

#### Fifth Terminal



**5T8K2** - 100-200 Amps "Plug-In"

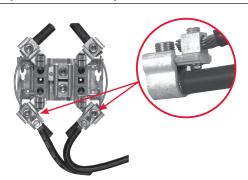


**K5T** - 200 Amps (Block with Square Hole)



**K3865** - Heavy Duty Jaw Clamping (**K3866** Without Neutral Wire)

#### Tap Connectors (3 per set)



Replaces the load or line-side slide-in nut assembly on Milbank 200 Amps sockets.
Allows for a 100 Amps tap location in addition to the #6-350 kcmil load-side connector.

K5022 includes safety barrier extensions for applications over 300V. Three lugs per kit.

K4977-INT - Internal Hex

K4977-EXT - External Hex

K5022-INT - Internal Hex (set of 4 with barrier)

#### **Triplex Ground**



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

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



BL7474 - Block Assembly

BL7499 - Horn Bypass Block Assembly

Z904486-AO - Nut Assembly

**Z90327486-AO** - Horn Bypass Nut Assembly

Z802965-AC - Neutral without Nut

**Z901925-AC** - Hex Nut Set Screw

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





K4527 - Internal Hex Block Assembly (with meter support)

K4528 - External Hex Block Assembly (with meter support)

K4529 - Internal Hex Horn Bypass Block Assembly (with meter support)

K4530 - External Hex Horn Bypass Block Assembly (with meter support)

**Z916265-AO** - Internal Nut Assembly

**Z916264-AO** - External Nut Assembly

Z814898-AC - Neutral without Nut



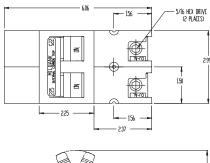
## 126

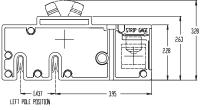
## **Accessories**

## UQFP Plug-In Series Circuit Breakers











200 Amps Frame | Plug-In | 10K AIC and 22K AIC | Two-Pole | Common Trip

A	10K AIC	22K AIC	10K AIC	22K AIC	Connectors CU/AL	
Amps	Plug-In	Plug-In	Plug-In	Plug-In	Line	Load
100	UQFP-100	UQFPH-100	UQFP-M-100	UQFPH-M-100	#3-#1	#1-1/0
125	UQFP-125	UQFPH-125	UQFP-M-125	UQFPH-M-125	#3-#1	#1-1/0
150	UQFP-150	UQFPH-150	UQFP-M-150	UQFPH-M-150	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

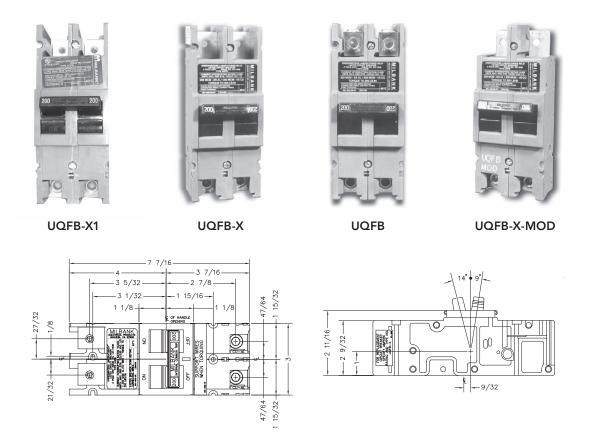
#### **Notes**

- **UL-listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- UQFP-M: For series main circuit breaker applications. Split load tab features allow for feed through capability.
- Standard Packaging: 5 units per 16 lb. carton.





## UQFB Plug-In Series Circuit Breakers



200 Amps Frame | Bolt-On | 10K AIC and 22K AIC | Two-Pole | Common Trip

Δ	10K AIC Bolt-On	22K AIC Bolt-On	10K AIC Bolt-On	Connectors CU/AL	
Amp				Line	Load
100	UQFB-100	UQFBH-100	UQFB-100-X1	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1	1/0-300	2/0-300
200	UQFB-200	UQFBH-200	UQFB-200-X1	1/0-300	2/0-300

#### **Notes**

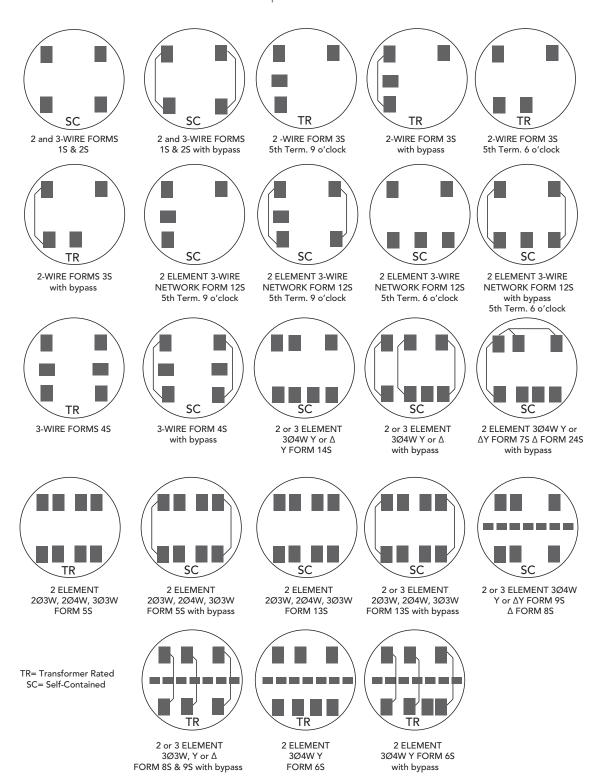
- **UL-listed:** For use with 60°C or 75°C wire.
- UQFB: (2) 1/0-300 kcmil lugs provided on load and line-side (cable-in, cable-out).
- **UQFB3:** Three-pole available. Consult factory.
- UQFB-X: (2) 1/0-300 kcmil lugs provided on load side and (2) line-bar bus connections on line-side.
- UQFB-M: For series main circuit breaker applications. Split-load tab features allow for feed through capability.
- **UQFB-X-MOD**: Replacement circuit breaker with line barriers removed.
- Standard Packaging: Five units per 16 lb. carton.





# **Watthour Meter Forms**

Standard Forms | Transformer Rated or Self-Contained

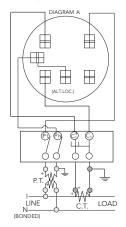




## Reference Information

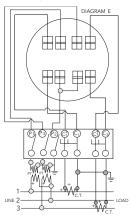
#### DIAGRAM A

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



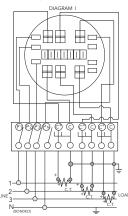
#### DIAGRAM E

3Ø3W "\( \Delta \)" with 2 P.T.'s and 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105



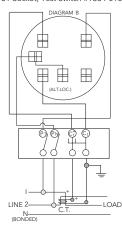
### DIAGRAM I

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



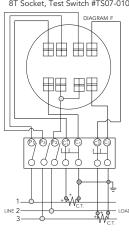
#### DIAGRAM B

1**Ø**3W with 1 C.T. Single Stator Meter (2W1**Ø**) - Form 3S 5T Socket, Test Switch #TS04-0101



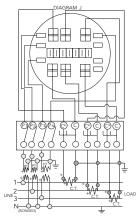
#### DIAGRAM F

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



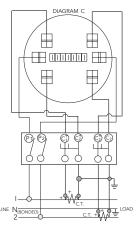
#### DIAGRAM J

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



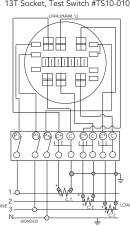
#### DIAGRAM C

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



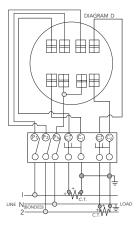
#### DIAGRAM G

3**Ø**4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



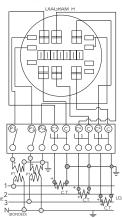
#### DIAGRAM D

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



#### DIAGRAM H

3**Ø**4W "Y" with 2 P.T.'s and 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



#### **Prewiring**

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



# 130

# **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 Screw		Joint Description	Hood Time	Torque (Inch Lbs.)	
		Nut	Head Type		
10	Brass	Brass Nut or Extruded Hole	All	20-25 inch lbs.	
10	Steel	Copper or Aluminum Busbar ≤ 1/8"	All	25-30 inch lbs.	
10	Steel	Steel Nut or Extruded Hole; CU or AL Busbar > 1/8"	All	30-35 inch lbs.	
12	Steel	Aluminum Extruded Hole	All	30-35 inch lbs.	
12	Steel	Steel Nut or Extruded Hole	All	40-50 inch lbs.	
1/4	Steel	Aluminum Extruded Hole	All	40-50 inch lbs.	
1/4	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	All	50-60 inch lbs.	
5/16	Steel	Aluminum Extruded Hole	Hex	60-70 inch lbs.	
5/16	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	Hex	100-150 inch lbs.	
3/8	Steel	Steel Nut	Hex	150-200 inch lbs.	
1/2	Steel	Steel Nut	Hex	200-250 inch lbs.	

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



## **Materials and Finishes**

131

Reference Information

### **Materials**

### **Steel Quality**

The meter equipment listed in this catalog is made of galvanized steel (AISI\* G90) to maximize weather resistance.

\*American Iron and Steel Institute.

### **Steel Sheet**

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

### **Aluminum Extrusion**

Wire-terminals: Alloy; 6061-T6, tin-plated for CU/AL wire.

Bus bar: Alloy; 6101-O and 6063-O

### **Aluminum Sheet**

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

### **Copper Sheet and 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 your local Milbank Manufacturers' Representative.

#### **Metal Fasteners**

Zinc-coated with a chromate dip.

## **Ratings and Compliance**

All Milbank electrical enclosures in this catalog are rated NEMA 3R enclosure unless otherwise specified on individual product pages. 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).



Sv	mbols	363612-CT3R-SP	60	CT203611-HC	64
٠,٠		364812-CT3R-SP2		CT242411-SC	64
		701776-MO		CT243011-HC	
5T8K2	125	703997-MO		CT243011-SC	
10URMD	98	704995-MO		CT243611-HC	64
10URMD24	98	706761-MO		CT243611-SC	
16URMD	98	707682-AC		CT244811-HC	
16URMD24	98	707915-MO		CT244811-SC	
20URMD	98	708080-MO		CT303011-SC	
	98	708570-AC		CT303611-HC	
	98	708777-MO		CT303611-SC	
	98	708784-MO		CT303614-SC	
	6, 32	708785-MO		CT304811-HC	
	6. 32	/U6/65-IVIO		CT363611-HC	
	6, 32	A			
	6, 32	-		CT363611-SC	
	6, 32	A7514	123	CT364211-SC	
	6, 32	A7515	123	CT364811-HC	,
	· ·	A7516	123	CT364811-SC	
	6, 33, 44	A7517		CT364814-SC	
	6, 34, 44	A7518		CT424211-SC	
	6, 35, 44	A7551		CT484811-HC	, .
	6, 36, 45	A8110		CT484811-SC	, .
	6, 36, 45	A8111		CT484814-HC	
	6, 33, 44	A8112		CT484814-SC	64
	6, 35, 44	A9064			
	6, 36, 45	AP2300-03		E	
	6, 36, 45	AP2300-03		ED 42B100	4.4
217MTB	6, 33, 44	AP2300-04	II	ED42B100	
217MTB/22	34, 44	В		ED43B100	44
217MTB-48	6, 35	5		F	
217MTB48	44	BC214	49	Г	
217MTBB/22	6	BC234	49	FXD62B200	44
217MTB-P	6, 36, 45	BC318		FXD63B200	
217MTB-P48	6, 36, 45	BC338			
224MTB	6, 37, 44	BC418		K	
224MTB/22	6, 38, 44	BC438			
224MTB-48	39	BC518		K5T	125
224MTB-P	6, 40, 45	BC538		K1047	
224MTB-P48	6, 40, 45	BC618		K1190	125
225MTB	6	BC638		K1350	124
225MTB-P	6, 40	BL7474		K1350L	124
	6, 40, 45	BL7499		K1539	124
	6, 37, 44	DL/479	123	K1540	124
	6, 38, 44	С		K1540L	124
	6, 39, 44	•		K1541	124
	44	CL-200D	93	K3082	124
	44	CL200-D	93	K3083	124
	44	CP3B-AUX-1200	96	K3441	124
	6, 40, 45	CP-ABK5/8		K3442	
	6, 40, 45	CP-PE-HOA-3POS		K3865	
		CP-PE-TYP5-2POS		K3866	
	124	CP-TC7D		K4527	
	124	CP-TC24H		K4528	
	60	CP-TCWIRE		K4529	
	60	CT24329-SC		K4530	
303016-C13R	60	3.2.02, 30			123



K4722	7, 61	MPAPD-200-MB-PD	7, 71		Т
K4729	7, 61	MPRV-50-MB-78	7, 70		
K4793	61, 62, 63	MPRV-100-MB-50-78	7, 70	TB100-5	46
K4794	61, 62, 63	MPRV-100-MB-50-PD		TB100-47	46
K4795	61	MPRV-100-MB-78		TB200-5	46
K4796	61	MPRV-100-MB-503020GR-78	7, 70	TB200-47	46
K4797	7, 61	MPRV-100-MBLC-80		TB200-LL	46
K4798	,	MPRVD-50-MB-78			
K4800-D	93	MPRVD-100-MB-78			U
K4802		MPRVD-100-MB-PD		LIOTANATO	( 22 44
K4806-BP		MR-2			6, 33, 44
K4903		MS-24-TB			6, 34, 44
K4904		MS-25-TB			6, 35, 44
K4977-EXT		MS-27-TB			6, 41, 43, 44
K4977-INT		1113 27 15			
K5022		Р			6, 36, 45
K5022-INT					6, 36, 45
K5400-100MBM		P-10GWR	93		6, 41, 45
K5400-100MBU		P-13			6, 33, 44
K5747		P-54	93		6, 44
K5752		PB-011	7, 47		6, 36, 45
K5815		PB-012	7, 47		6, 36, 45
K5820		PB-014	7, 47, 48		6, 33, 44
K5830		PB-014-NK	7, 47, 48	U217MTB/22	34, 44
		PB-016	48	U217MTB-48	6, 35, 44
K5920-10GR		PB-018	7, 47, 48	U217MTBB/22	6
K5920-11GR		PB-018-NK	47, 48	U217MTBL	6, 41, 43, 44
K5920-38		PB-032	7, 47	U217MTBL/22	42
K5920-41		PB-034	7, 47, 48	U217MTB-P	6, 36, 45
K5920-54		PB-034-NK	7, 47, 48	U217MTB-P48	6, 36, 45
K5920-58		PB-038	7, 47	U217MTBPL	6, 41, 45
K5920-75		PB-038-NK	7, 47	U224MTB	6, 37, 44
K5920-111GR		PT223		U224MTB/22	6, 38, 44
K5920-522		PT224	46	U224MTB-48	6, 39, 44
K5920-BLANK		PT263		U224MTBL	6, 41, 44
K6494	,	PT264		U224MTBL/22	42
K6497		PT323		U224MTB-P	6, 40, 45
K6498		PT324		U224MTB-P48	6, 40, 45
K8180	124	PT363		U224MTBPL	6, 41, 45
		PT364			6, 44
M		1 100 1		U225MTBPL	45
M5-144	124	Q		U227MTB	6, 37, 44
M401-UG					6, 38, 44
M401-UG-BS		Q115	85	U227MTB-48	
M404-UG-LC	,	Q120			44
M404-UG-LC-BS		Q130	85, 94		44
		Q220	85	U227MTB-175	44
MPAP-100-MB-78 MPAP-100-MB-PD		Q250	85, 94		6, 41, 43, 44
MPAP-200-MB-20GR-78	,	Q2100	85		
	,	QJ22B200H	44		6, 40, 45
MPAP-200-MB-78		QJ23B200	44		6, 40, 45
MPAP-200-MBLC-80 MPAP-200-MB-PD		QJH23B200L	44		7, 41, 43, 45
	,				
MPAPD-100-MB-78		S			
MPAPD-100-MB-PD	,				21
MPAPD-200-MB-78	/, 71	S8324	123	01127-O-N3L-N2L	ZI



U1211-RXL	18	U3584-O-200	6, 25	U5200-XL-75	
U1252-X-K1		U3587-O-200	25	U5220-XL	87
U1253-X-K3	52	U3597-O-200	6	U5220-XL-41	
U1254-X-K3	52	U3802	8	U5220-XL-55	87
U1255-X-K4	52	U3812	8	U5220-XL-75	87
U1256-X-K4	52	U3822-20GWR	9	U5240-O-100S	
U1431-R*	21	U3832	8	U5240-O-200S	
U1432-O*	21	U3852-XL	18	U5241-O-100S	77
U1527-O	14	U3862	8	U5241-O-200S	77
U1681-RL	13	U4013-X	23	U5242-O-200S	77
U1797-O-K3L-K2L	21	U4015-O	6, 15	U5243-O-200S	77
U1819-X*	21	U4175-RL-BLG*	12	U5268-XTL-150	26
U1980-O	14	U4517-DL-M4	15	U5268-XTL-150-KK	26
U2120-X	23	U4518-O-W	15	U5268-XTL-200	26
U2594-X	23	U4518-XL-W	15	U5268-XTL-200-KK	
U2827-X*	23	U4540-XL	97	U5269-XTL-200	
U3319-R	65	U4542-XL		U5300-O	
U3320-R	7. 65	U4544-XL	97	U5300-O-41	
U3321-R	65	U4546-XL	97	U5300-O-55	87
U3322-R		U4548-RXL		U5300-O-75	
U3323-R		U4549-RXL		U5320-O	
U3328-RXL		U4881-O-50GB		U5320-O-41	
U3339-O		U4881-O-60GB		U5320-O-55	
U3340-O		U5000		U5320-O-75	
U3341-O	,	U5000-XL		U5706-O-200S	
U3342-O		U5000-XL-41		U5706-O-200S-KK	
U3343-O	,	U5000-XL-55		U5707-O-200S	
U3355-R		U5000-XL-75		U5882-X	
U3412-O		U5056-O		U5883-X	
U3413-O		U5100		U5884-X	
U3414-O		U5100-XL		U5885-X	
U3415-O		U5100-XL-41		U5886-X	
U3416-O		U5100-XL-55		U5902-X	
U3462-O		U5100-XL-75		U5903-X	
U3463-O		U5136-O-100S		U5904-X	
U3464-O		U5136-O-200S		U5905-X	
U3465-O		U5137-O-100S		U5906-X	
U3466-O		U5137-O-200S		U5929-XL-INS	
U3504-XL		U5138-O-200S		U5934-XL-BLG	
U3507-XL		U5139-O-200S		U5971-XL-100	
U3514-XL		U5168-XTL-100		U5971-XL-200	
U3517-XL		U5168-XTL-100-KK		U6020	
U3522-XL-K1		U5168-XTL-100-KK-5T		U6020-O-2/200	
U3523-XL-K1		U5168-XTL-150		U6034-O-2/200	
U3524-XL-K2		U5168-XTL-150		U6087-XL*	
U3525-XL-K2		U5168-XTL-150-KK-5T		U6087-XL-INS*	
U3532-X-K1				U6088	
		U5168-XTL-200		U6088-O-2-200	
U3533-X-K3		U5168-XTL-200-KK			
U3534-X-K3		U5169-XTL-100		U6089	
U3548-X		U5169-XTL-150		U6089-O-2-200	,
U3548-X*		U5169-XTL-200		U6092-R-2-200	
U3555-R		U5200		U6093-R-2-200	
U3565-O		U5200-XL		U6181	
U3574-RL-200	,	U5200-XL-41		U6181-O-1/200	•
U3577-RL-200	6, 25	U5200-XL-55	8/	U6194	



U6194-O-1/200
U6276-O-10GR7
U6276-O-417
U6276-O-547
U6276-O-557
U6276-O-757
U6276-O-1007
U6276-O-100MB7
U6276-O-100S75
U6276-O-100S-75W-1013-PGE75
U6278-O-100S-5575
U6278-O-100S-55-G175
U6500-X-PGE
U6584-O-2/20027
U6585-O-2/200-5T927
U7021-RL-TG14
U7040-XL-TG14
U7043-XL-TG14
U7422-RXL19
U7423-RXL19
U7487-O13
U7487-RL13
U7490-O
U7490-RL
U7573-RL19
U8032-XL51
U8033-XL51
U8034-XL
U8035-XL51
U8036-XL51
U8100-RL19
U9319-XL
U9320-RXL19
U9550-RRL
U9551-RXL
U9700-RRL
U9701-RXL
U9800-RRL*
U9801-RXL*
UC1290-XL
UC1291-RL55
UC1299-XL
UC1300-RL
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UC3425-XL
UC3426-XL
UC3428-XL
UC3433-XL
UC3434-XL
UC3435-XL
UC3436-XL
UC3438-XL
UC7233-XL
UC7235-XL
11C7227 VI

	74/4\# TOF DEG	- /
	7461-YL-TGE-DES	
	7544-RL	
	7545-RL	
	7582-RL	
	7636-YL-TGE-DES	
	1015-KO	,
	1517-KO	
	1518-KO	
	1969-KO*	
	FB-100	
	FB-100-X1	
	FB-125	
	FB-125-X1	
UQ	FB-150	127
UQ	FB-150-X1	127
UQ	FB-175	127
UQ	FB-175-X1	127
UQ	FB-200	127
UQ	FB-200-X1	127
UQ	FBH-100	127
UQ	FBH-125	127
UQ	FBH-150	127
UQ	FBH-175	127
UQ	FBH-200	127
UQ	FP-100	126
UQ	FP-125	126
UQ	FP-150	126
UQ	FP-200	126
UQ	FPH-100	126
UQ	FPH-125	126
UQ	FPH-150	126
UQ	FPH-200	126
UQ	FPH-M-100	126
UQ	FPH-M-125	126
UQ	FPH-M-150	126
UQ	FPH-M-200	126
UQ	FP-M-100	126
UQ	FP-M-125	126
UQ	FP-M-150	126
UQ	FP-M-200	126
USE	E-AP-200-ML	24
	Z	
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	0911-MO	
	11776-MO	
	8080-MO	
	18767-MO	
	12965-AC	
	4898-AC	
/81	8052-SC	95

Z916264-AO	125
Z916265-AO	125
Z917602-AC	94
Z918449-AC	95
Z918466-AC	94
Z1050596	85
Z90327486-AO	125





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