

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



# Louisiana/Mississippi

*Area Catalog*



# Milbank Overview

*Energy At Work since 1927*

Milbank builds solutions that move power for the residential, commercial, industrial, utility and transportation sectors. Milbank combines more than 85 years of expertise in electrical engineering design and manufacturing with a commitment to develop and globally implement sustainable, integrated power solutions. Milbank's portfolio includes electric metering systems, PowerGen™ wind and solar solutions, and portable power. A third-generation, family-owned business, Milbank is headquartered in Kansas City, Mo. For more information, please visit [milbankworks.com](http://milbankworks.com).



## METERING

Milbank meter sockets have set the standard for quality since 1927. With a 99.97% quality performance, thousands of active products to meet your utility's requirements and tens of millions of sockets installed across the globe, our products help keep energy at work. And with 22 stocking locations across the U.S., and our OneSERT program to help during emergency situations, our meter sockets are ready to go, wherever the job may be.



## COMMERCIAL & INDUSTRIAL

When it comes to commercial and industrial products, Milbank has it covered! We offer a complete line of junction boxes, telephone cabinet covers, transformer cabinets, wireways, pushbutton enclosures, consoles and thermal management products. We specialize in custom-built enclosures and are more than happy to design a solution for your specific project. Our commercial meter pedestals are easy to install, fast, safe and secure, and completely customizable.



## POWERGEN

Milbank's standby and portable generators give you the peace of mind of living life uninterrupted during increasingly frequent power outages caused by severe weather, high demand and other situations. Our electric vehicle supply equipment, wind turbines and power management systems give you reliable and sustainable ways to reduce both your energy costs and your impact on the environment.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

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Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# Air Conditioner Disconnects

30 & 60 Amps | Fusible & Non-Fusible



**U3802**



**U3812**



**U3832**

Milbank's air conditioner disconnect has a removable hinged cover which makes wiring a breeze. Our compact design meets all wire bending space requirements in the NEC and, also, complies with article 440-14 in the NEC. To ensure the safest conditions, we designed our disconnect pullersto be removable or they may be reinstalled in the off position. Another safety feature is the padlock provision on the front cover. As with all Milbank products, our enclosure is constructed of G90U galvanized steel and finished with an attractive, light gray, baked powder coating. Our state of the art finish combines epoxy and polyester hybrid resins into a hybrid powder coating which is then electrostatically applied. This offers a durable, nonfading finish.

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

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

### Notes

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



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Air Conditioner Disconnects

60 Amps | With 20 Amp GFCI Receptacle

**5**  
AC  
DISCONNECTS



**U3822-20GWR**

## Specifications

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

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

Catalog Number	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
				CU	AL		D"	W"	H"	CU °C	AL °C
<b>U3822-20GWR</b>	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4½	5¼	7½	60°/75°	60°/75°

## Notes

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

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# Hot Tub Disconnects

## Type 3R Enclosures



**U4881-O-50GB**



**U4881-O-60GB**

### Specifications

- 240 volt ground fault protection
- UL listed, Type 3R rainproof
- 2-pole, 50 or 60 amp GFCI breaker protection
- Compact size
- Three or four wire installation
- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

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

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

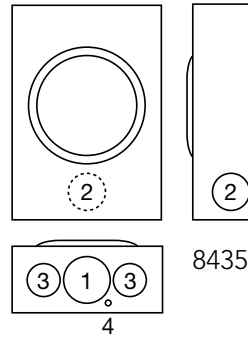
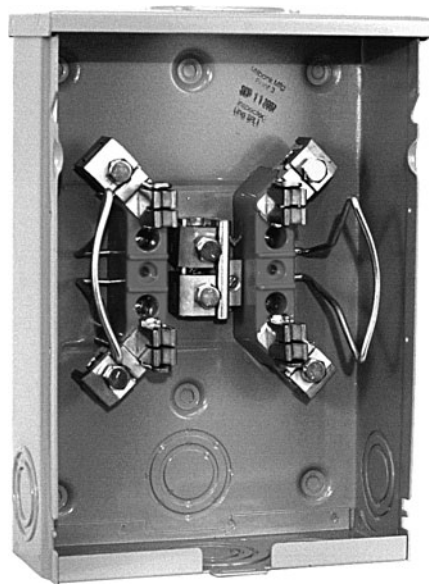


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Single Position Sockets

125 Amps | 4 Terminals | Ringless

**7**  
125 AMP  
SINGLE  
POSITION  
SOCKETS



**U8435-RL-TG**

125 Amps | 4 Terminals | Ringless | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U8435-RL-TG	4	OH/UG	H.O.	#6-2/0	#6-2/0	3 <sup>5</sup> / <sub>16</sub>	8	11 <sup>1</sup> / <sub>2</sub>	2	1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **5T8K2**.
- **Connectors:** Extruded aluminum connectors are tin plated. Unit is supplied with a triplex ground.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# 8

200 AMP  
SINGLE  
POSITION  
SOCKETS

# Single Position Sockets

200 Amps | 4 Terminals | Ringless



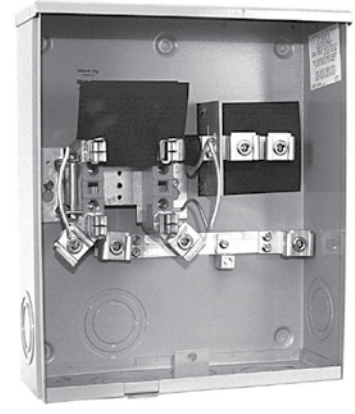
U7021-RL-TG



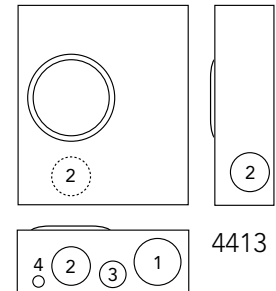
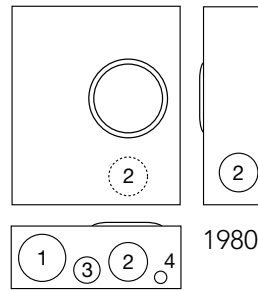
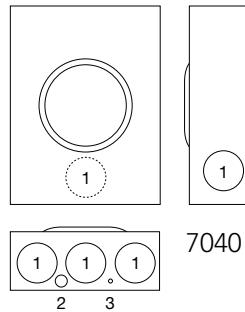
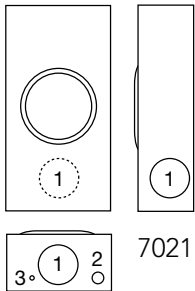
U7040-RL-TG



U1980-O



U4413-O



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

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7021-RL-TG	4	OH	H.O.	#6-350	#6-350	None	4½	8	15½	2½	¼, ½	¼	—
U7021-DL-TG	4	OH	2"	#6-350	#6-350	None	4½	8	15½	2½	¼, ½	¼	—
U7040-RL-TG	4	OH	H.O.	#6-350	#6-350	None	4½	11	15½	2½	¼, ½	¼	—
U1980-O	4	UG	Blank	#6-350	#6-350	None	4½	13	15¼	3	2½	1½	¼, ½
U4413-O	4	UG	Blank	#6-350	#6-350	None	4½	13	15¼	3	2½	1½	¼, ½

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **U4413-O:** This unit is a right-side wireway design.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



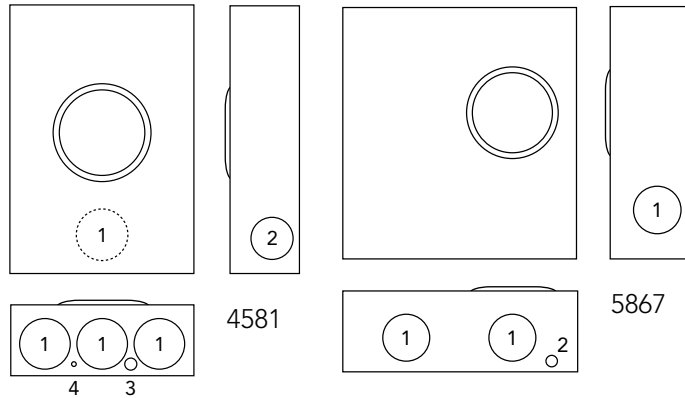
# Lever Bypass Single Position

200 Amps | 5 Terminals | Ringless

**9**  
200 AMP  
LEVER  
BYPASS  
SOCKETS



U4581-RL-QG



## 200 Amps | 5 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U4581-RL-QG	5	OH	H.O.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	1/4, 1/2	1/4
U5867-O	5	UG	Blank	#6-350	#6-350	Lever	6	18	19 $\frac{1}{4}$	3	1/4, 1/2	—	—

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Center Disconnect:** The **U4581** has a manual center disconnect on the neutral/center phase.
- **Bonding Link:** The **U4581** is factory bonded and can be field-isolated.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Connectors:** Extruded aluminum connectors are tin plated.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



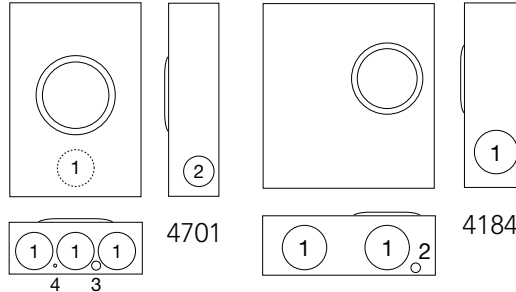
**1 □**  
 200 AMP  
 LEVER  
 BYPASS  
 SOCKETS

# Lever Bypass Single Position

200 Amps | 7 Terminals | Ringless



**U4701-RL-QG**



**U4184-X**

200 Amps | 7 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U4701-RL-QG	7	OH	H.O.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1/4, 1/2	1/4
U4184-X	7	UG	C.P.	#6-350	#6-350	Lever	6	18	19 <sup>1</sup> / <sub>4</sub>	3	1/4, 1/2	—	—

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Isolated Neutral:** For field-installed isolated neutral for the **U4701**, order **K1047**.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Lever Bypass Single Position

320 Amps | 4 Terminals | Ringless

**1 1**  
320 AMP  
LEVER  
BYPASS  
SOCKETS



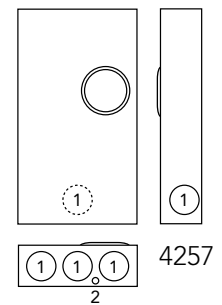
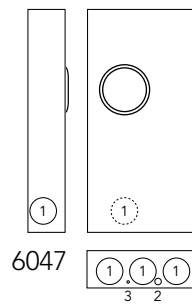
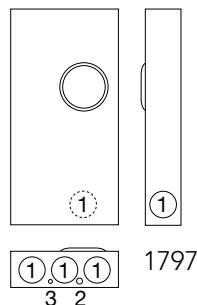
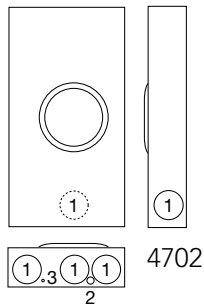
U4702-X



U1797-O-K3L-K2L



U4257-X



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

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U4702-X	4	OH	C.P.	3/8" x16 Studs	3/8" x16 Studs	Lever	4 7/8	15	28 1/4	3	1/4, 1/2	1/4
U1797-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	Lever	4 7/8	15	30	3	1/4, 1/2	1/4
U6047-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	Lever	4 7/8	15	30	3	1/4, 1/2	1/4
U4257-X	4	UG	C.P.	3/8" x16 Studs	3/8" x16 Studs	Lever	6 1/2	19	34 1/8	4	1/4, 1/2	—

### Notes

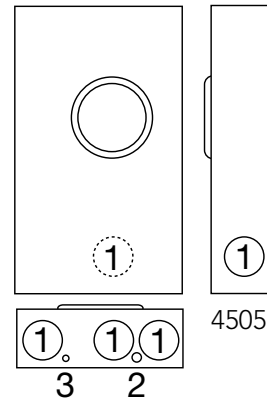
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Fifth Terminal:** For field installed fifth terminal, order **K3865**.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5979** for **U4702**, **K5978** for **U1797** and **U6047**, and **K5977** for **U4257**.
- **Connectors:** Studded products are supplied with 3/8" -16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart in accessories section. Separate lug kits are required for line and load.
- **U6047-O-K3L-K2L:** This unit is a right-side wireway design.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# Lever Bypass Single Position

320 Amp | 5 Terminals | Ringless



**U4505-X**

**320 Amps | 5 Terminals | Ringless | Lever Bypass | Single Position**

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U4505-X	5	OH	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	Lever	4 7/8	15	28 1/4	3	1/4, 1/2	1/4

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5979**.
- **Connectors:** Studded products are supplied with 3/8"-16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart in accessories section. Separate lug kits are required for line and load.

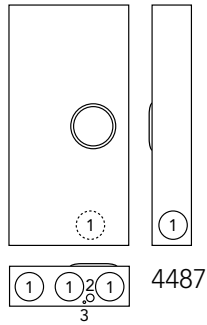


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

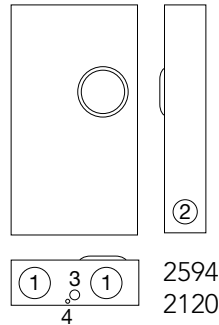
# Lever Bypass Single Position

320 Amps | 7 Terminals | Ringless

**13**  
320 AMP  
LEVER BYPASS  
SOCKETS



**U2594-X**



**U2120-X**

## 320 Amps | 7 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
<b>U4487-X-2/K6</b>	7	OH	C.P.	#6-350	#6-350	Lever	6½	20	40	4	1	¼	—
<b>U2594-X</b>	7	OH/UG	C.P.	¾"x16 Studs	¾"x16 Studs	Lever	6½	19	34⅞	4	3	1	¼
<b>U2120-X</b>	7	UG	C.P.	¾"x16 Studs	¾"x16 Studs	Lever	6½	17¾	31¾	4	3	1	¼

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5977**.
- **Connectors:** Studded products are supplied with ¾"-16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart in accessories section. Separate lug kits are required for line and load.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

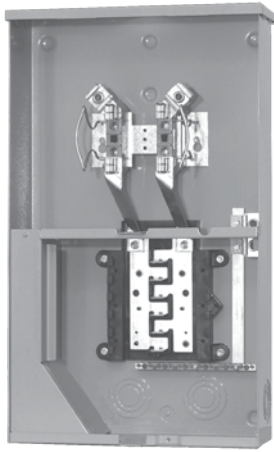


# 14

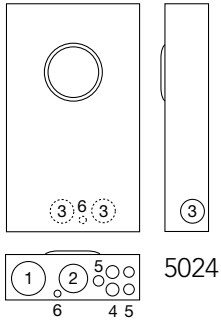
200 AMP  
METER MAIN  
W/ LOAD CENTER

# Meter Main with Load Center

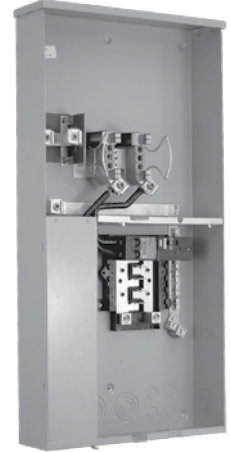
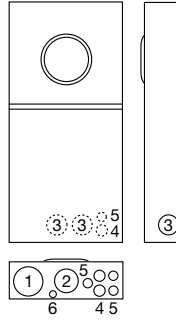
200 Amps | 4 Terminals | Ringless



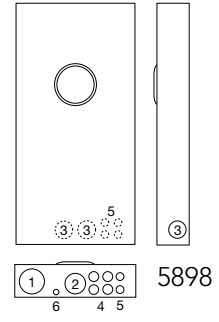
UAP5024-XL



U5168-XTL-200



U5898-O-200



200 Amps | 4 Terminals | Ringless | Meter Main with Load Center

Catalog Number	Terminals	Service	Hub	Circuits	Connectors CU/AL		Dimensions			Knockouts					
					Line	Load	D"	W"	H"	1	2	3	4	5	6
UAP5024-XL	4	OH	C.P.	12	#6-350	CB	4 <sup>7</sup> / <sub>8</sub>	15	28 <sup>1</sup> / <sub>4</sub>	3	2 <sup>1</sup> / <sub>2</sub>	2	1	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub> , <sup>1</sup> / <sub>2</sub>
U5168-XTL-200	4	OH	C.P.	8	#6-350	CB	4 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>8</sub>	32	3	2 <sup>1</sup> / <sub>2</sub>	2	1	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub> , <sup>1</sup> / <sub>2</sub>
U5898-O-200	4	UG	Blank	8	#6-350	#6-350	4 <sup>1</sup> / <sub>2</sub>	17	34 <sup>1</sup> / <sub>2</sub>	3	2 <sup>1</sup> / <sub>2</sub>	2	1	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub> , <sup>1</sup> / <sub>2</sub>

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bussing:** Load side bus bars and circuit breaker interior are made from plated copper.
- **Wireway:** Provided with underground pull section wireway with removable cover.
- **Fifth Terminal:** For field-installed fifth terminal, order separately catalog number **K5T**. Available with factory-installed fifth terminal—add suffix **-5T9** for 9 o'clock position.
- **Connectors:** Breaker section has provision for six double pole plug-in type circuit breakers. All circuit breakers will be parallel. To comply with NEC wire bending space requirements, the maximum single breaker amperage is 200 amps restricted to 3/0 copper conductor.
- **Interlock Kit:** The **U5168** and **U5898** is compatible with a generator auxiliary circuit breaker interlock. For large frame **QN** with small frame **Q** order **K5815**; for large frame **QN** with large frame **QN** order **K5820**.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Meter Main with Load Center

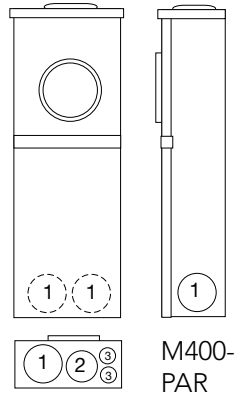
320 Amps | 4 Terminals | Ring Type

# 15

320 AMP  
METER MAIN  
W/ LOAD CENTER



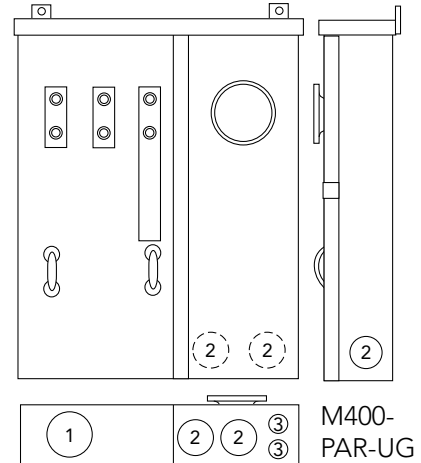
M400-PAR



M400-  
PAR



M400-PAR-UG



M400-  
PAR-UG

## 320 Amps | 4 Terminals | Ring Type | Meter Main with Load Center

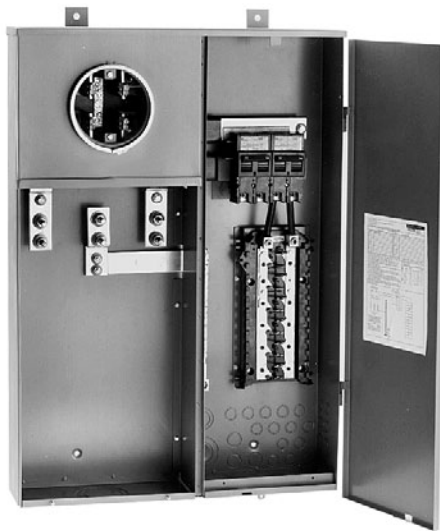
Catalog Number	Terminals	Service	Hub	Primary Disconnect	Secondary Disconnect	Bypass	Dimensions			Knockouts		
							D"	W"	H"	1	2	3
M400-PAR	4	OH	3"	200 amp / 2 pole circuit breaker	See note	Lever	6 $\frac{1}{8}$	9 $\frac{1}{2}$	47 $\frac{1}{8}$	2	1 $\frac{1}{2}$	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$
M400-PAR-UG	4	UG	C.P.	200 amp / 2 pole circuit breaker	See note	Lever	6 $\frac{1}{8}$	22 $\frac{1}{8}$	36	4	2 $\frac{1}{2}$	1 $\frac{1}{2}$ , 3 $\frac{3}{4}$

## Notes

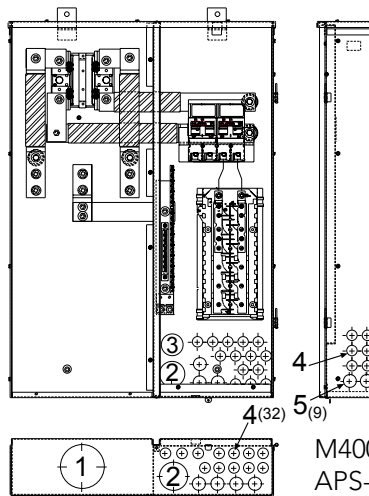
- **Secondary Disconnect:** Order secondary disconnect separately. Specify **UQFPH-100, -125, -150, -175** or **-200**.
- **Neutral:** Bonded neutral and ground factory installed.
- **Flush Mount:** Flush mounting available on underground units. Order catalog number **FK-M400-UG** separately.
- **SCCR Rating:** 22K AIC standard.
- **Bypass:** Lever supplies clamping action and operates bypass device.
- **Conversion Kit:** To field convert **M400** UG unit to OH, order **K4787-R**. Includes connectors (#2-600).
- **Connectors:** The **M400-PAR** is provided with connectors for #4-600 or twin 1/0-250.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

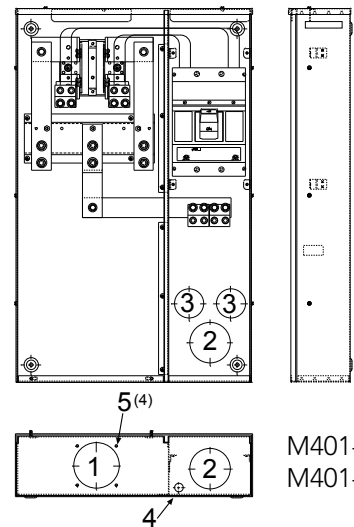




M400-UG-APS-LC



M400-UG-APS-LC



M401-UG  
M401-UG-BS

320 Amps | 4 Terminals | Ring Type | Meter Main with Load Center

Catalog Number	Terminals	Service	Primary Disconnect	Secondary Disconnect	Bypass	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
M400-UG-APS-LC	4	UG	200 amp / 2 pole T-Fuse	200 amp / 2 pole T-Fuse	None	6 $\frac{1}{8}$	22 $\frac{1}{8}$	36	4	2 $\frac{1}{2}$	$\frac{1}{2}$ , $\frac{3}{4}$
M401-UG	4	UG	(1) 400 amp 2 pole breaker	—	None	6 $\frac{1}{8}$	22 $\frac{1}{8}$	36	4	2 $\frac{1}{2}$	$\frac{1}{2}$ , $\frac{3}{4}$
M401-UG-BS	4	UG	(1) 400 amp 2 pole breaker	—	Link	6 $\frac{1}{8}$	22 $\frac{1}{8}$	36	4	2 $\frac{1}{2}$	$\frac{1}{2}$ , $\frac{3}{4}$

## Notes

- **Secondary Disconnect:** Order secondary disconnect separately. Specify **UQFPH-100, -125, -150, -175** or **-200**.
- **Neutral:** Bonded neutral and ground factory installed.
- **Flush Mount:** Flush mounting available on underground units. Order catalog number **FK-M400-UG** separately.
- **SCCR Rating:** **22K AIC** standard.
- **Bypass:** Lever supplies clamping action and operates bypass device.
- **Conversion Kit:** To field convert **M400** UG unit to OH, order **K4787-R**. Includes connectors (#2–600).



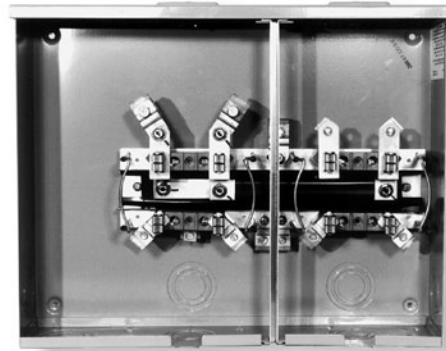
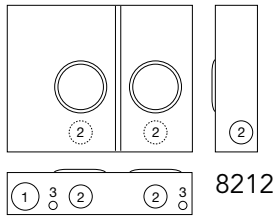
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



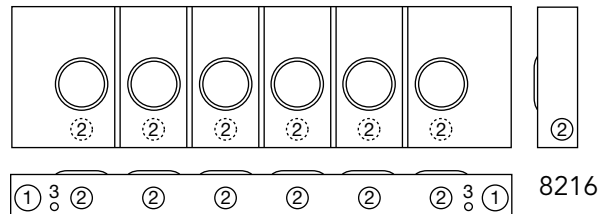
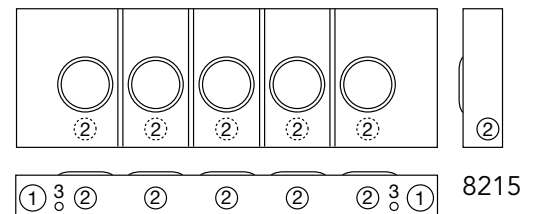
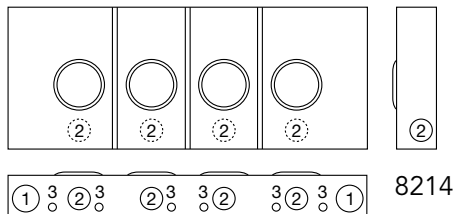
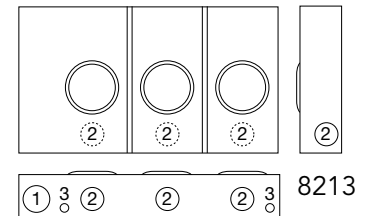
# Multi-Position Sockets

100 Amps | 4 Terminals | Ringless | 300 VAC

**17**  
100 AMP  
MULTI-POSITION  
SOCKETS



U8212-RL



100 Amp per Position | 4 Terminal | Multi-Position | End Wireway | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U8212-RL	2	OH	H.O.	#6-350	#6-2/0	4½	20⅝	16	2½	2	¼, ½
U8213-RL	3	OH	H.O.	#6-350	#6-2/0	4½	28½	16	2½	2	¼, ½
U8214-RL	4	OH	H.O.	#6-350	#6-2/0	4½	40⅞	16	2½	2	¼, ½
U8215-RL	5	OH	H.O.	#6-350	#6-2/0	4½	48⅞	16	2½	2	¼, ½
U8216-RL	6	OH	H.O.	#6-350	#6-2/0	4½	57⅞	16	2½	2	¼, ½

## Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessories page. A hub opening is supplied at each end and the extra opening is closed with a closing plate as standard.
- **Fifth Terminal Kit:** For field mounted fifth terminal, order **5T8K2** for 6 o'clock and **K9959** for 9 o'clock position.
- **Connectors:** Extruded aluminum connectors are tin plated.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

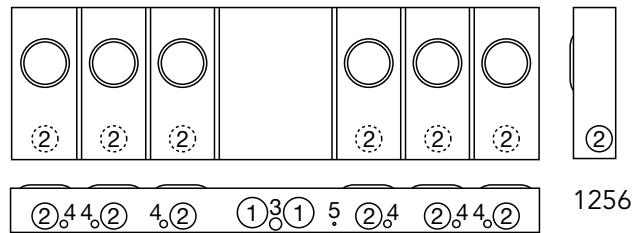
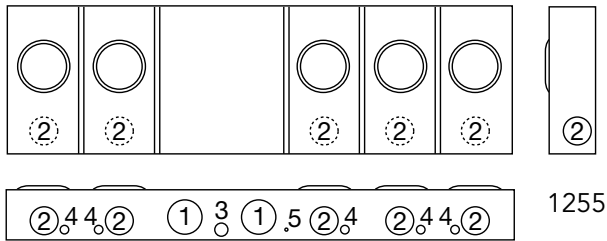
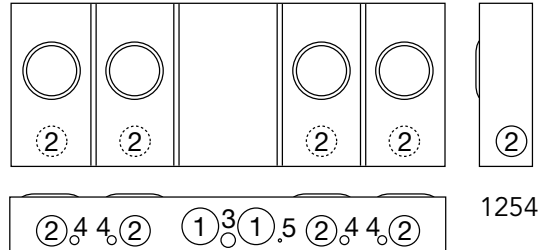
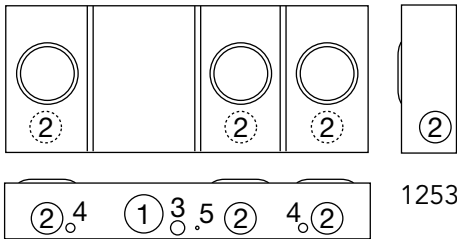
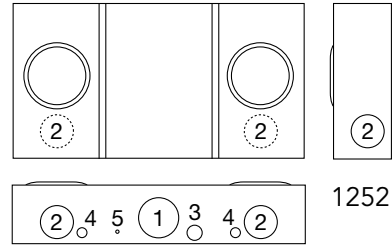


# Multi-Position Sockets

200 Amps | 4 Terminals | Ringless | 300 VAC



**U1254-X**



**200 Amp per Position | 4 Terminal | Multi-Position | Center Wireway | Ringless**

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U1252-REL-K1	2	OH/UG	2½	#6-350	#6-350	5⅞	26½	14	3	2½	1	½	¼
U1253-X	3	OH/UG	C.P.	⅜" x 16 Stud	#6-350	5⅞	34½	14	3	2½	1	½	¼
U1254-X	4	OH/UG	C.P.	⅜" x 16 Stud	#6-350	5⅞	42⅛	16	3	2½	1	½	¼
U1255-X	5	OH/UG	C.P.	⅜" x 16 Stud	#6-350	5⅞	54⅛	16	3	2½	1	½	¼
U1256-X	6	OH/UG	C.P.	⅜" x 16 Stud	#6-350	5⅞	62⅞	18	3	2½	1	½	¼

**Notes**

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K5T** (9 o'clock position).
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Amperage Rating:** The **U1255** and **U1256** are rated 160 amps continuous, 200 amps maximum.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Multi-Position Meter Mains

125/200 Amps | 22K AIC Rated | 240 VAC

**19**  
125/200 AMP  
MULTI-POSITION  
METER MAINS



U5882-X



U5884-X

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

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Weight (lbs.)
					Line		D"	W"	H"	
U5902-X	125	2	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	26 1/2"	30"	58
U5903-X	125	3	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	34 3/8"	30"	88
U5904-X	125	4	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	42 3/8"	30"	107
U5905-X	125	5	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	51 1/20"	30"	128
U5906-X	125	6	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	59 3/10"	30"	146
U5882-X	200	2	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	26 1/2"	30"	58
U5883-X	200	3	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	34 3/8"	30"	88
U5884-X	200	4	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	42 3/8"	30"	107
U5885-X	200	5	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	51 1/20"	30"	128
U5886-X	200	6	OH/UG	C.P.	3/8" x 16 Stud	None	5 1/8"	59 3/10"	30"	146

## Notes

- **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.
- **Hub:** 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	G.E. (50 Amp Max)	Square D
125 Amps or Less	BR, HQP, QPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amp	BR, BJ	QN, QNH (22K)	—	—

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



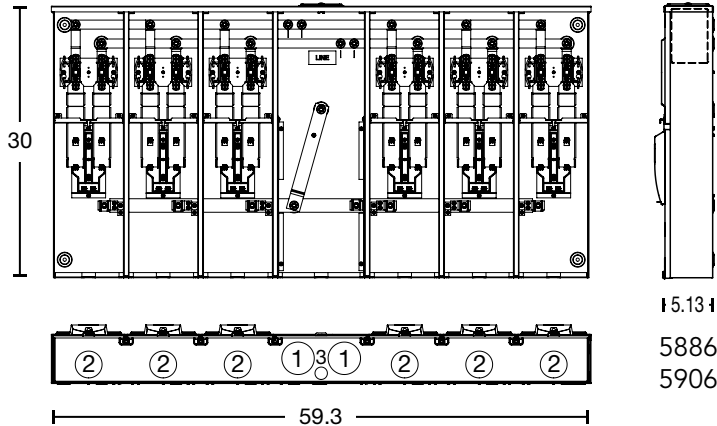
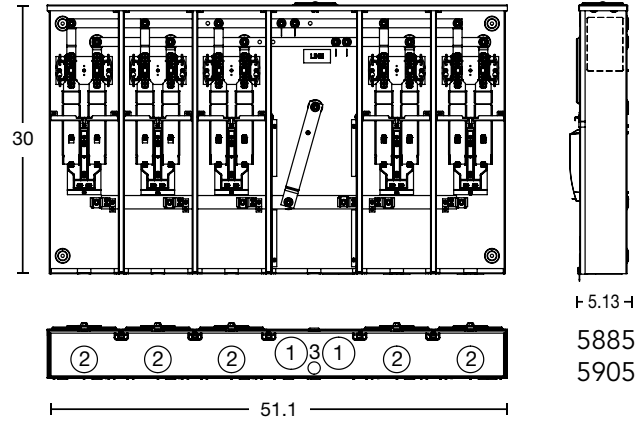
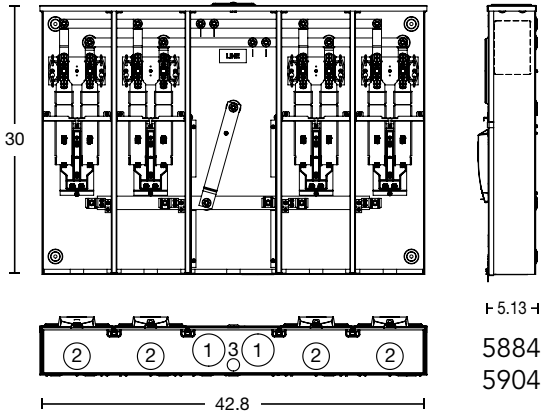
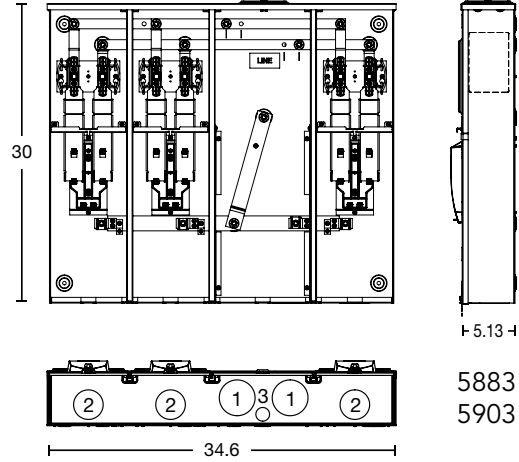
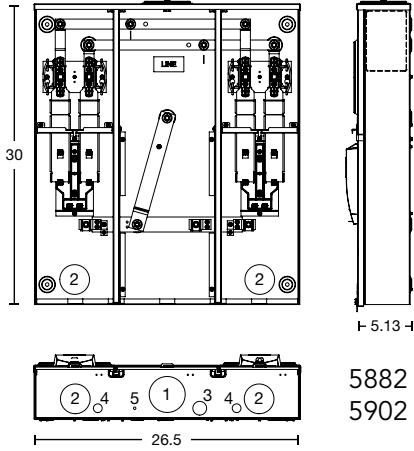
# 20

125/200 AMP  
MULTI-POSITION  
METER MAINS

# Multi-Position Meter Mains

U5902 & U5882 Series | Dimensional Information

Knockouts				
1	2	3	4	5
3	2½	1	7/8	¼

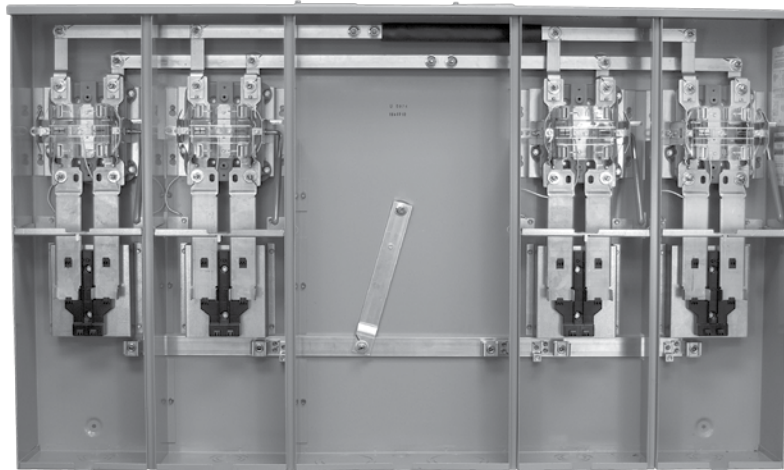


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Multi-Position Meter Mains

200 Amps | Lever Bypass | 22K AIC Rated | 240 VAC

**21**  
200 AMP  
LEVER BYPASS  
MULTI-POSITION  
METER MAINS



U5974-XT

4 Terminals | Multi-Position Meter Main | Lever Bypass | Ringless

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Weight (lbs.)
					Line	Load		D"	W"	H"	
U5972-XT	200	2	OH/UG	(2) C.P.	1/0-350	#6-350	Lever	5 <sup>31</sup> / <sub>32</sub>	36 <sup>3</sup> / <sub>8</sub>	34	97
U5973-XT	200	3	OH/UG	(2) C.P.	1/0-350	#6-350	Lever	5 <sup>31</sup> / <sub>32</sub>	46 <sup>1</sup> / <sub>2</sub>	34	146
U5974-XT	200	4	OH/UG	(2) C.P.	1/0-350	#6-350	Lever	5 <sup>31</sup> / <sub>32</sub>	57 <sup>1</sup> / <sub>16</sub>	34	179
U5975-XT	200	5	OH/UG	(2) C.P.	1/0-350	#6-350	Lever	5 <sup>31</sup> / <sub>32</sub>	67 <sup>1</sup> / <sub>8</sub>	34	213
U5976-XT	200	6	OH/UG	(2) C.P.	1/0-350	#6-350	Lever	5 <sup>31</sup> / <sub>32</sub>	77 <sup>1</sup> / <sub>16</sub>	34	246

## Notes

- **Knockouts:** See drawings on the next page.
- **AIC Rating:** All models are rated 22K AIC when used with approved breakers rated at 22K.
- **Hub:** Units supplied with one (1) closing plate. Order hubs separately, see accessories page.
- **Fifth Terminal:** For field installed fifth terminal, order K3866.
- **Lug Kits:** Sold separately.
- **Front Covers:** Barrel lock option available—contact factory.

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

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

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



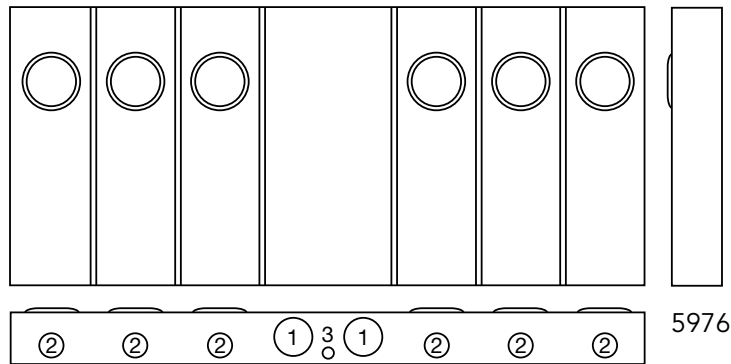
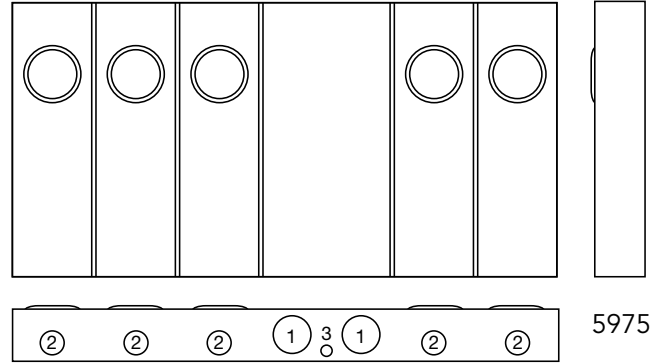
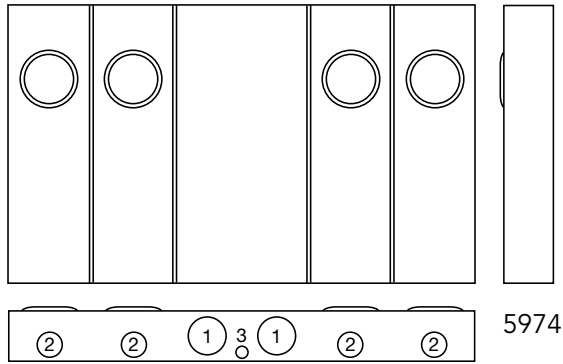
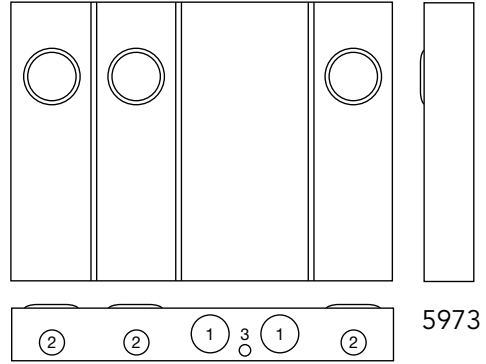
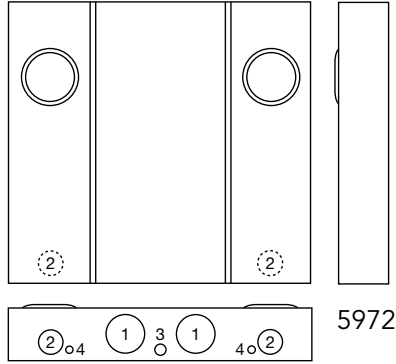
# 22

200 AMP  
LEVER BYPASS  
MULTI-POSITION  
METER MAINS

# Multi-Position Meter Mains

U5972–U5976 Series | Knockout Information

Knockouts			
1	2	3	4
4	2½	1	½



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Current Transformer Enclosures

Type 3R Rated



403214-TC3R-SP1

## Current Transformer Cabinets | Type 3R

Catalog Number	Gauge Steel	Dimensions			Backboard Material
		W"	H"	D"	
U9397-O	14	24	36	11	Plywood
U9398-O	14	32	40	14	Plywood
403214-TC3R-SP1	14	40	32	14	Steel
U4769-O	14	32	54	14	Plywood
543214-TC3R-SP1	14	54	32	14	Steel

### Notes

- Please consult utility for specific applications.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# Commercial Pedestals

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

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



Strut and backboard



Commercial pedestal

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

### Standard Features

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



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



# Commercial Pedestals

Attractive | Easy to Install | Secure | Cost-Effective

**25**  
COMMERCIAL  
PEDESTALS

These units are ideal for controlling and metering:

- Traffic signals
- Street lighting
- Irrigation and sprinkler systems
- Cell towers and telephone vaults
- Pump stations
- Temporary power for fairgrounds, swap meets, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances, etc.

## Available Factory-Installed Options

- Meter sockets: ring type or ringless, up to 400 amp
- Main and branch breakers or T fuses
- Distribution: copper load centers and panel boards
- Clocks, timers and relays
- Photoelectric cells and controls
- Power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: definite purpose, electrical or mechanically held, IEC and mercury types
- Surge protection and lightning arrestors
- Reserve inlet generator receptacle with interlocked circuit breakers
- Motor starters and relays
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and terminal blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers
- Available in steel, aluminum (unpainted, painted or anodized) or stainless steel construction with powder-coated finish available in eight standard colors or special-ordered RAL colors
- Available for applications up to 400 amp, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



With over 85 years in the electrical distribution industry, Milbank is proud to offer quality home standby and portable generator systems in partnership with Briggs & Stratton and Pramac.

## Home Standby Generators

---

- 7, 10 & 12 kW vertical air-cooled
- 17 & 20 kW horizontal air-cooled
- 30 & 45 kW horizontal liquid-cooled
- By Briggs & Stratton



## Portable Generators

---

- Briggs & Stratton
- Pramac (includes Powermate & DeWALT)



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Electric Vehicle Supply Equipment

Milbank | Driving the Future of Power

**27**  
ELECTRIC  
VEHICLE  
SUPPLY  
EQUIPMENT

From a wall-mounted single dock unit in a residential garage, to a citywide municipal integration, our scalable, flexible, reliable solution is designed for effectiveness in virtually any installation scenario.

## Level II Models

**MEVSE-RS**—Residential, single wall mounted; overnight at-home charging.

**MEVSE-RS Dual**—Pedestal mounted with two ports; ideal for multi-family and high-traffic commercial parking lots.

**MEVSE-RS+**—Available in single, dual and quad configurations with the addition of programmable, smart charging capabilities; allows communication with the grid for charging when energy consumption is low; allows connectivity to GPRS.

## Level III Models

**DC Fast Charge** — Stations feature JARI/TEPCO connectors and CHAdeMO certification; practical networking and payment options; available from 30-60kW models suitable for public and fleet usage; charges in 15-30 minutes.

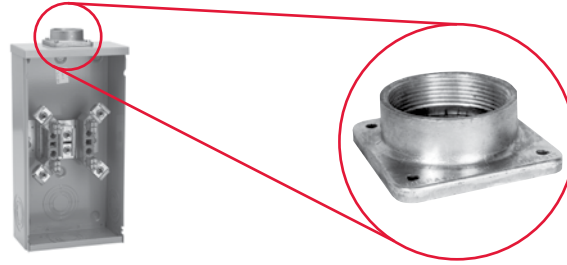
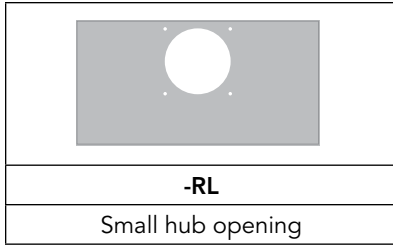
## Suitable EV Station Locations

- Shopping malls
- Theatres
- Municipal buildings
- Central business districts
- Entertainment districts
- Stadiums & arenas
- Rest areas
- Truck stops / travel plazas
- Camping / RV parks
- Restaurants
- Parking garages
- Public curbside parking
- Office buildings
- Single-family residences
- Multi-unit residences
- Airports
- Hotels
- Casinos
- Anywhere people park for extended periods of time

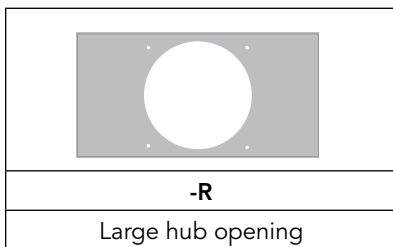


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.





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



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

### Notes

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





Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Accessories

## Connector Kits, Closing Kits & Generator Interlock

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

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

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



### Bypass Link



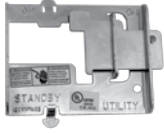
### Note

Consult factory for proper connector kits for studded meter sockets.

### Closing Covers

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


### Generator Interlock


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

### Disconnect Sleeve


M5-144
Do not use with lever bypass sockets

### Anti-Inversion Clip


K4802

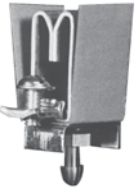


### Isolated Neutral Kit


K1047

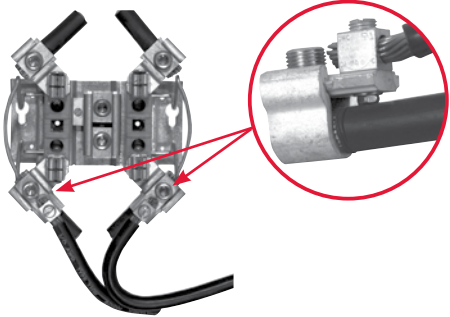
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

## Fifth Terminals, Tap Connectors & Block Assemblies


### Fifth Terminals

		
<b>5T8K2</b> - 100-200 Amp "Plug-In"	<b>K5T</b> - 200 Amp (Block with Square Hole)	<b>K3865</b> - Heavy Duty Jaw Clamping ( <b>K3866</b> without Neutral Wire)


### Tap Connectors (3 per set)

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


### Triplex Ground


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

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


<b>BL7474</b> - Block Assembly
<b>BL7499</b> - Horn Bypass Block Assembly
<b>Z904486-AO</b> - Slotted Nut Assembly
<b>Z90327486-AO</b> - Horn Bypass Nut Assembly
<b>Z802965-AC</b> - Neutral without Nut
<b>Z901925-AC</b> - Hex Nut Set Screw

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

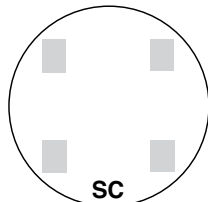

<b>K4527</b> - Internal Hex Block Assembly (w/ meter support)
<b>K4528</b> - External Hex Block Assembly (w/ meter support)
<b>K4529</b> - Internal Hex Horn Bypass Block Assembly (w/ meter support)
<b>K4530</b> - External Hex Horn Bypass Block Assembly (w/ meter support)
<b>Z916265-AO</b> - Internal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



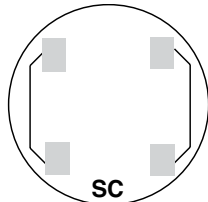
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

# Watt-hour Meter Forms

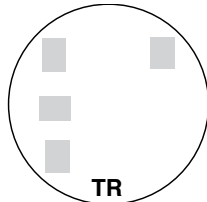
Standard Forms | Transformer Rated or Self-Contained



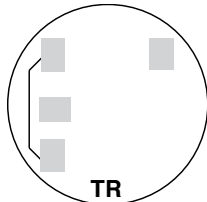
**SC**  
2 and 3-WIRE FORMS  
1S & 2S



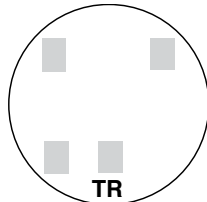
**SC**  
2 and 3-WIRE FORMS  
1S & 2S with BYPASS



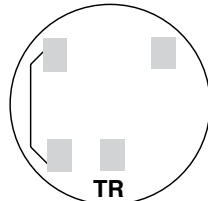
**TR**  
2-WIRE FORM 3S  
5th Term. 9 o'clock



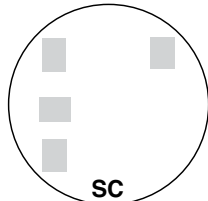
**TR**  
2-WIRE FORM 3S  
with BYPASS



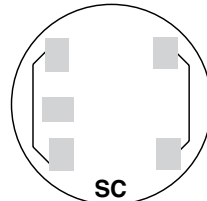
**TR**  
2-WIRE FORM 3S  
5th Term. 6 o'clock



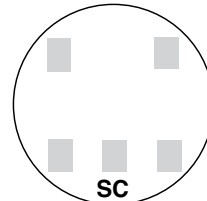
**TR**  
2-WIRE FORM 3S  
with BYPASS



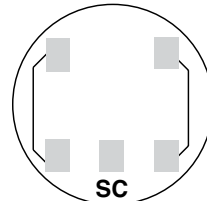
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 9 o'clock



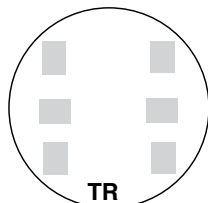
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 9 o'clock



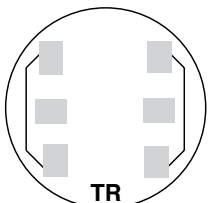
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 6 o'clock



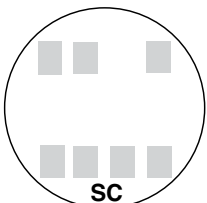
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 6 o'clock



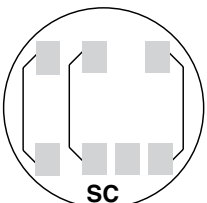
**TR**  
3-WIRE FORM 4S



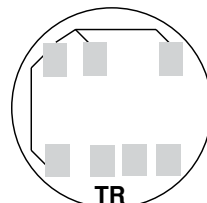
**TR**  
3-WIRE FORM 4S  
WITH BYPASS



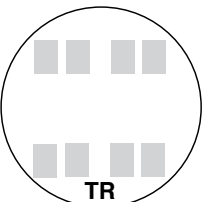
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 14S  
Δ FORM 15S



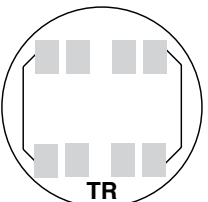
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
FORMS 14S & 15S  
with BYPASS



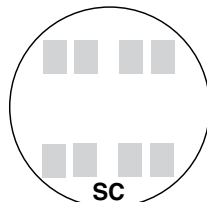
**TR**  
2 ELEMENT  
3Ø4W Y or Δ  
Y FORM 7S  
Δ FORM 24S  
with BYPASS



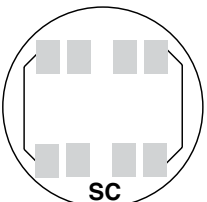
**TR**  
2 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 5S



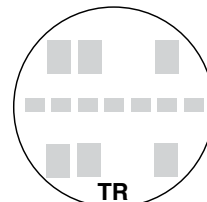
**TR**  
2 ELEMENT 2Ø3W,  
2Ø4W, 3Ø3W  
FORM 5S with  
BYPASS



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

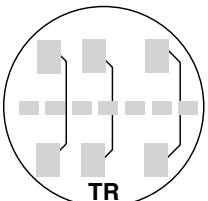


**SC**  
2 or 3 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 13S with  
BYPASS

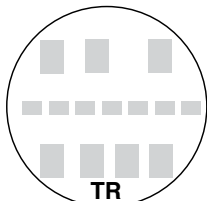


**TR**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 9S  
Δ FORM 8S

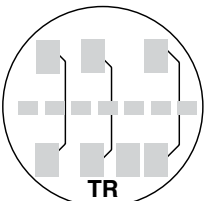
TR = TRANSFORMER RATED  
SC = SELF CONTAINED



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



**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S

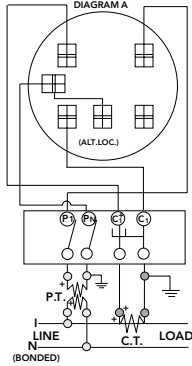


**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S  
with BYPASS

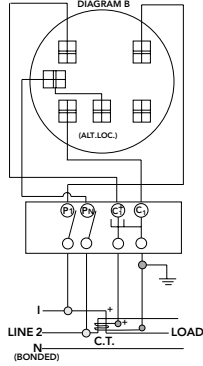
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



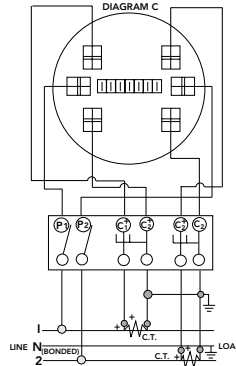
**DIAGRAM A**  
1∅2W with 1 P.T. & 1 C.T.  
Single Stator Meter (2W1∅) - Form 3S  
5T Socket, Test Switch #TS04-0101



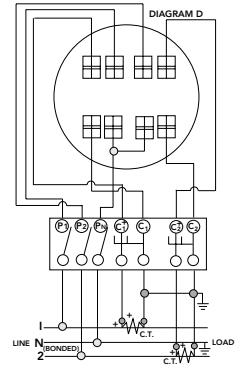
**DIAGRAM B**  
1∅3W with 1 C.T.  
Single Stator Meter (2W1∅) - Form 3S  
5T Socket, Test Switch #TS04-0101



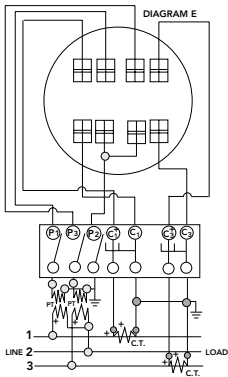
**DIAGRAM C**  
1∅3W with 2 C.T.'s  
Single Stator Meter (3W1∅) - Form 4S  
6T Socket, Test Switch #TS07-0105



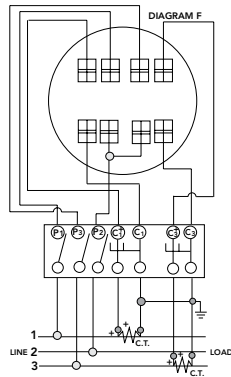
**DIAGRAM D**  
1∅3W or 3W Network with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



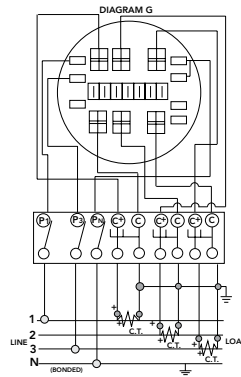
**DIAGRAM E**  
3∅3W "A" with 2 P.T.'s & 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



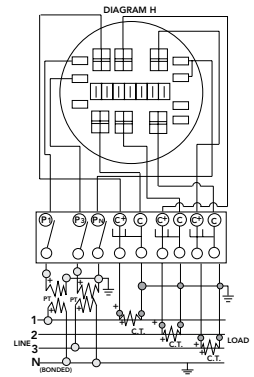
**DIAGRAM F**  
3∅3W "A" with 2 C.T.'s  
2 Stator Meter - Form 5S  
8T Socket, Test Switch #TS07-0105



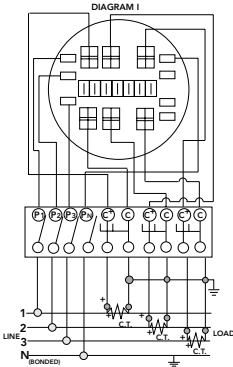
**DIAGRAM G**  
3∅4W "Y" with 3 C.T.'s  
2 1/2 Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



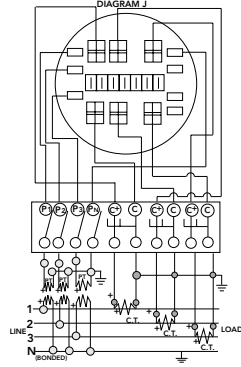
**DIAGRAM H**  
3∅4W "Y" with 2 P.T.'s & 3 C.T.'s  
2 1/2 Stator Meter - Form 6S  
13T Socket, Test Switch #TS10-0109



**DIAGRAM I**  
3∅4W "Y" or "A" with 3 C.T.'s  
"Y" 3 Stator Meter - Form 9S  
"A" 2 Stator Meter - Form 8S  
13T Socket, Test Switch #TS10-0109



**DIAGRAM J**  
3∅4W "Y" with 3 P.T.'s & 3 C.T.'s  
3 Stator Meter - Form 9S  
13T Socket, Test Switch #TS10-0109



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



# 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

- A. Give equipment a thorough visual examination to determine that:
  - 1) No shipping or installation damage exists.
  - 2) Proper clearances have been maintained.
  - 3) All connections have been made.
  - 4) Equipment is clean and dry.
- B. Make a thorough examination to:
  - 1) Verify tightness of all bolted connections (see table below).
  - 2) Manually operate all circuit breakers, switches, relays, etc.
  - 3) Check rigidity of all mountings, bus bars and components.
  - 4) Use test equipment to check continuity of circuitry and integrity of insulation.
- C. All switches and circuit breakers should be in the "off" position.
- D. Verify that manual meter bypass (if applicable) is in non-bypass position.
- E. Install cover and/or close doors.
- F. 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

- A. 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

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

### Recommended Torque for General Applications\*

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

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

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.



## Materials

### Steel Quality

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

### Steel Sheet

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

### Aluminum Extrusion

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

### Aluminum Sheet

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

### Copper Sheet & Bus

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Electrolytic copper with tin plating in most applications.

### Insulating Materials

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

## Finish

### Process

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

### Metal Fasteners

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Zinc-coated with a chromate dip.

## Ratings & Compliance

### Ratings & Compliance

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

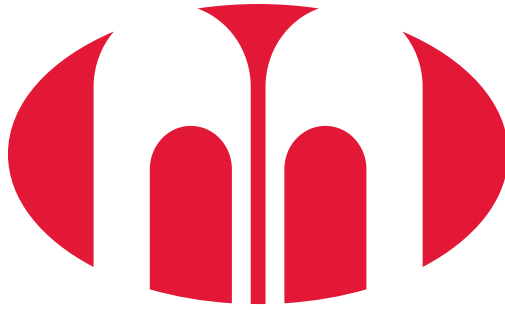


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.

6003.....	29	K4977-INT .....	30	U4881-O-60GB.....	6
6116.....	29	K5022-INT .....	30	U5168-XTL-200.....	14
403214-TC3R-SP1 .....	23	K5815 .....	29	U5867-O .....	9
543214-TC3R-SP1 .....	23	K5820 .....	29	U5882-X.....	18
5T8K2 .....	30	K5830 .....	29	U5883-X.....	18
A7514 .....	28	K5T .....	30	U5884-X.....	18
A7515 .....	28	K8180 .....	29	U5885-X.....	18
A7516 .....	28	M400-PAR.....	15	U5886-X.....	18
A7517 .....	28	M400-PAR-UG .....	15	U5898-O-200.....	14
A7518 .....	28	M400-UG-APS-LC.....	16	U5902-X.....	18
A7551 .....	28	M401-UG.....	16	U5903-X.....	18
A8110 .....	28	M401-UG-BS .....	16	U5904-X.....	18
A8111 .....	28	M5-144 .....	29	U5905-X.....	18
A8112 .....	28	S8324.....	28	U5906-X.....	18
A9064 .....	28	U1252-REL-K1 .....	17	U5972-XT.....	21
BL7474 .....	30	U1253-X.....	17	U5973-XT.....	21
BL7499 .....	30	U1254-X.....	17	U5974-XT.....	21
CP-21.....	29	U1255-X.....	17	U5975-XT.....	21
K1047 .....	29	U1256-X.....	17	U5976-XT.....	21
K1190 .....	30	U1797-O-K3L-K2L .....	11	U6047-O-K3L-K2L .....	11
K1350 .....	29	U1980-O .....	8	U7021-DL-TG .....	8
K1350L .....	29	U2120-X.....	13	U7021-RL-TG.....	8
K1539 .....	29	U2594-X.....	13	U7040-RL-TG.....	8
K1540 .....	29	U3802 .....	4	U8212-RL.....	16
K1540L .....	29	U3812 .....	4	U8213-RL.....	16
K1541 .....	29	U3822-20GWR.....	5	U8214-RL.....	16
K2381 .....	30	U3832 .....	4	U8215-RL.....	16
K3082 .....	29	U3862 .....	4	U8216-RL.....	16
K3083 .....	29	U4184-X.....	10	U8435-RL-TG.....	7
K3441 .....	29	U4257-X.....	11	U9397-O .....	23
K3442 .....	29	U4413-O .....	8	U9398-O .....	23
K3865 .....	30	U4487-X-2/K6 .....	13	UAP5024-XL .....	14
K3866 .....	30	U4505-X.....	12	Z802965-AC .....	30
K4527 .....	30	U4581-RL-QG .....	9	Z814898-AC .....	30
K4528 .....	30	U4701-RL-QG .....	10	Z901925-AC .....	30
K4529 .....	30	U4702-X.....	11	Z90327486-AO .....	30
K4530 .....	30	U4769-O .....	23	Z904486-AO .....	30
K4802 .....	29	U4881-O .....	6	Z916264-AO .....	30
K4977-EXT.....	30	U4881-O-50GB.....	6	Z916265-AO .....	30

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment.





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