

MILBANK[®]
ENERGY AT WORK

TENNESSEE

AREA

Meter Mounting Equipment



Meter mounting
equipment approved
for use within the
Tennessee service area.

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.



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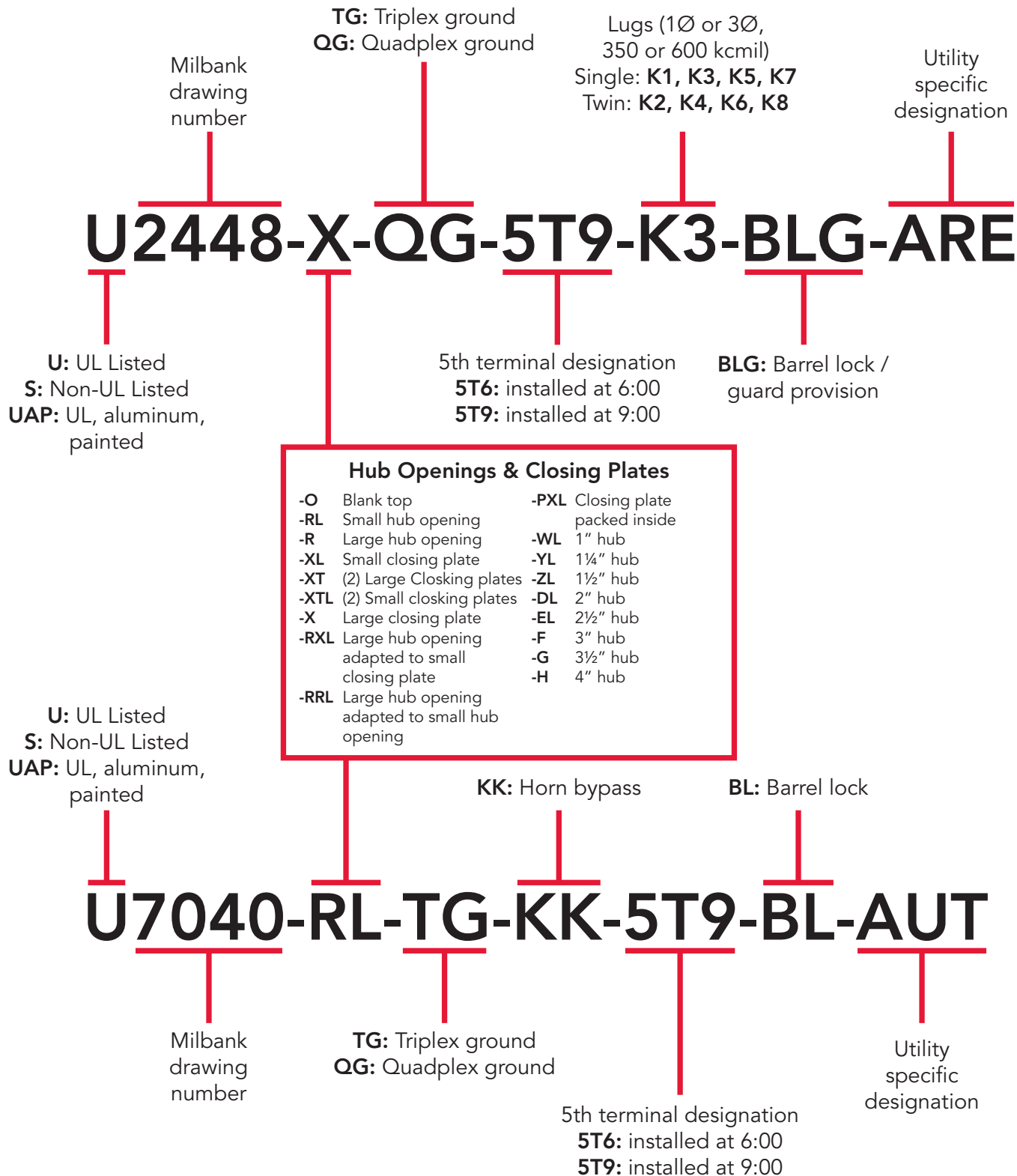


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Catalog Number Logic

How Our Product Catalog Numbers are Derived

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Air Conditioner Disconnects

30 and 60 Amps | Fusible and Non-Fusible



U3802



U3812



U3832

Milbank's air conditioner disconnect features a removable hinged cover for easy installation. Our compact design meets NEC wiring space requirements and also complies with NEC Article 440-14. To ensure safe working conditions, our disconnect pullers can be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. Like 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 provides a durable and fade-resistant finish.

30–60 Amps | 1Ø 240V | 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
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	2½	5	7	60°/75°	60°/75°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2⅞	5	9	60°/75°	60°/75°

Notes

- UL-listed as Enclosed Pullout Switch
- Type 3R
- Weather-resistant
- 1" concentric knockouts



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Air Conditioner Disconnects

20 Amps GFCI Receptacle



U3822-20GWR

Specifications

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

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

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

Notes

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

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Hot Tub Disconnect

Type 3R Enclosures



U4881-O-50GB



U4881-O-60GB

Specifications

- 240V ground fault protection
- UL-listed, Type 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 | Type 3R

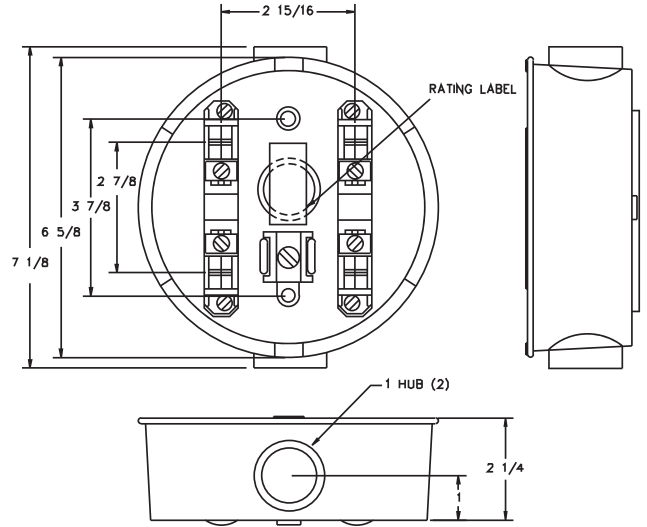
Catalog Number	Amps	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
U4881-O	—	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½



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Single Position Sockets

100 Amps | 4-5 Terminals | Ring-type



Applications

100 Amps max rated is ideal for use on:

- Temporary Service
- Outdoor Advertising
- Small Customer Service
- Other Low Amps Requirements

100 Amps | 4-5 Terminals | Economy Cast Socket | Ring-type | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Quantity Per Package	Knockouts
				Line	Load		
AP2300-03	4	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-04	4	OH/UG	1 1/4"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-03-5T	5	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-03-5T-AB*	5	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-03-6T	6	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-03-6T-AB*	6	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1
AP2300-08	4	OH/UG	1"	#12-1/0	#12-1/0	12	3/4, 1

Notes

- **Ampere Rating:** 80 Amps continuous.
- **Max Amps Rating:** 100 Amps.
- **Fifth and sixth terminals:** For factory installation contact your local Milbank Manufacturer's Representative.
- **Sealing ring:** Supplied with a snap-action sealing ring.
- **Hub:** Units supplied with cast in hub on top and bottom. Contact factory for availability of other hub sizes.
- ***Bypass:** Available with auto bypass.

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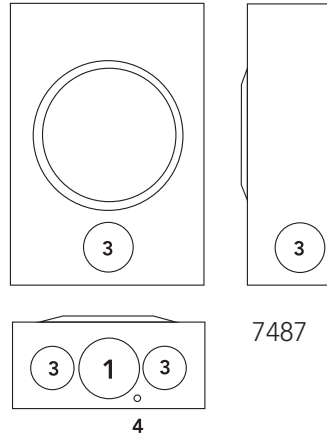


Single Position Sockets

125 Amps | 4 Terminals | 600V



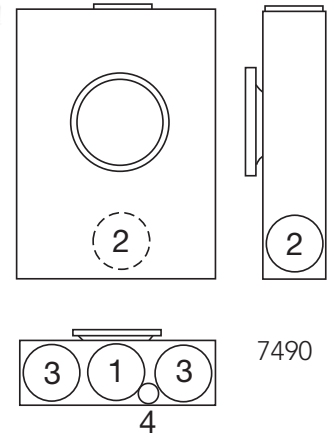
U7487-RL-TG



7487



U7490-RL



7490

125 Amps | 4 Terminals | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U7487-RL-TG	OH/UG	H.O.	#6-2/0	None	3 5/16	8	11 1/2	2	1 1/2	1 1/4	1/4
U8435-RL-TG	OH/UG	H.O.	#6-2/0	None	3 5/16	8	11 1/2	2	1 1/2	1 1/4	1/4

125 Amps | 4 Terminals | Ring-type

Catalog Number	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U7490-RL-TG	OH/UG	H.O.	#6-2/0	None	3 5/16	8	11 1/2	2	1 1/2	1 1/4	1/4

Notes

- **Fifth terminal:** For field-mounted fifth terminal on the **U7487**, **U7490** and **U8435** 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.



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Single Position Sockets

200 Amps | 4 Terminals | Ringless

1 1



U7021-DL-TG



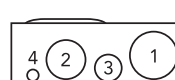
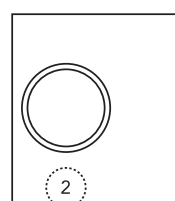
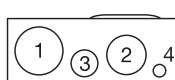
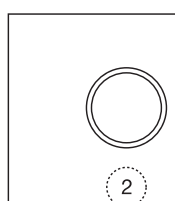
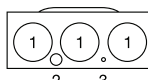
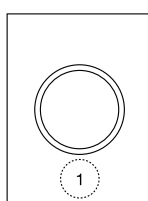
U7040-XL-TG



U7040-RL-TG



U1980-O



200 Amps | 4 Terminals | Single Position | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7021-DL-TG	OH	2	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U7021-RL-TG	OH	H.O.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U7040-RL-TG	OH/UG	H.O.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	14 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U7040-XL-TG	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{1}{8}$	8	14 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U1980-XL**	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{1}{2}$	13	15 $\frac{1}{4}$	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
U1980-O**	UG	Blank	#6-350	#6-350	None	4 $\frac{1}{2}$	13	15 $\frac{1}{4}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
U1980-O-BL**	UG	Blank	#6-350	#6-350	None	4 $\frac{1}{2}$	13	15 $\frac{1}{4}$	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
*U4413-O-KK-BLG**	UG	Blank	#6-350	#6-350	None	4 $\frac{1}{2}$	13	15 $\frac{1}{4}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U7043-XL-TG-BL	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{27}{32}$	13	15 $\frac{1}{2}$	3	2 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$
U2569-O**	UG	Blank	#6-350	#6-350	None	4 $\frac{1}{2}$	13	19	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$

Notes

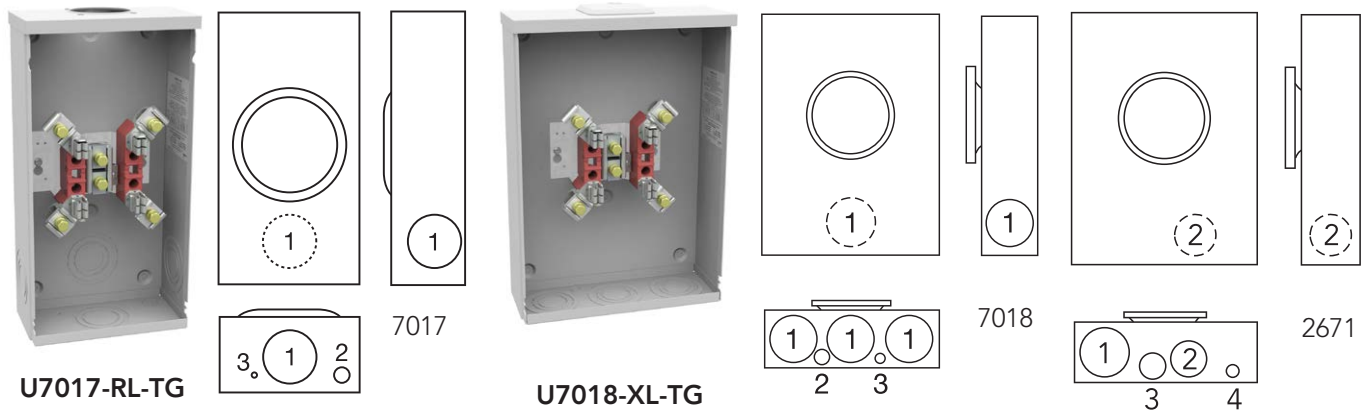
- **Hubs:** For proper hub selection see the hub suffix chart on the accessories page.
- **Fifth terminal:** For field-mounted fifth terminal, order catalog number **K5T** to fit into square opening at the 9 o'clock position.
- **Connectors:** Units with **-TG** suffix include triplex ground connector.
- ***Bypass:** The horn-type bypass is factory-installed (suffix **-KK**). This permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- **Side wireway.

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Single Position Sockets

200 Amps | 4 Terminals | Ring-type



200 Amps | 4 Terminals | Ring-type

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

Notes

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

*Sold without sealing ring.

**Side wireway.

INTERCHANGEABLE UNIT HUBS

Size	Milbank Cat. No.	Suffix
1" (25.4mm)	A7514	-WL
1 1/4" (31.75mm)	A7515	-YL
1 1/2" (38.1mm)	A7516	-ZL
2" (50.8mm)	A7517	-DL
2 1/2" (63.5mm)	A7518	-EL



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Single Position Lever Bypass

1 3

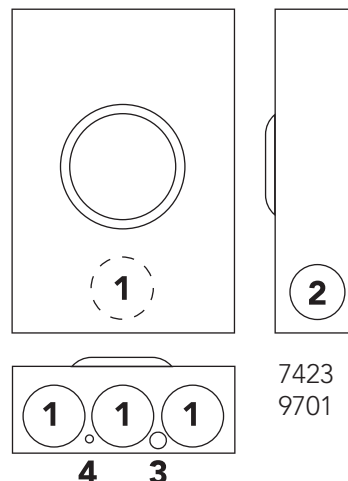
200 Amps | 4-7 Terminals | Ringless | 600V



U9701-RRL-BL



U7423-RXL



7423
9701

200 Amps | 4 Terminals | Single Position | Jaw-clamping | Lever Bypass | **Ringless**

Catalog Number	Terminals	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U9801-RXL	4	OH/UG	C.P.	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	3	3	$\frac{1}{4}$, $\frac{1}{2}$

200 Amps | 7 Terminals | Single Position | Non Jaw-clamping | Lever Bypass | **Ringless**

Catalog Number	Terminals	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U7423-RXL	7	OH/UG	C.P.	#6-350	Lever	4 $\frac{1}{2}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$

200 Amps | 7 Terminals | Single Position | Jaw-clamping | Lever Bypass | **Ringless**

Catalog Number	Terminals	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U9701-RRL-BL	7	OH/UG	H.O.	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U9701-RRL	7	OH/UG	H.O.	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	3	3	$\frac{1}{4}$, $\frac{1}{2}$

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bypass:** The lever on the **U9701** and **U9801** units supply clamping action on meter spades and also operates bypass device. *Lever bypass is fully rated at 200 Amps.*
- **Fifth Terminal:** For field-installed fifth terminal for **U9801-RXL** order as extra part number **K3866**.

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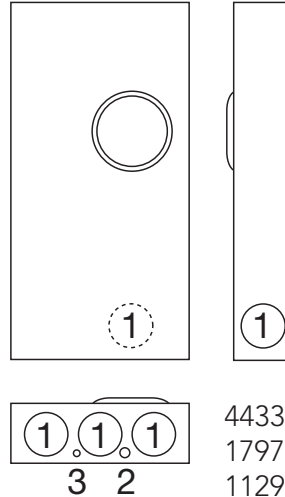


Single Position Lever Bypass

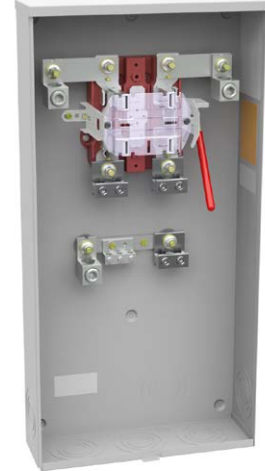
320 Amps | 4 Terminals | Side Wireway | Ringless



U1797-O-K3L-K2L-BL



4433
1797
1129



U1129-O-K3L-K2L

320 Amps | 4 Terminals | Lever Bypass | 600V | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
			Line	Load		D"	W"	H"	1	2	3
U4433-X-BL	OH/UG	C.P.	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 ⁷ / ₈	15	31 ¹ / ₂	3	1/4, 1/2	1/4
U2448-X	OH/UG	C.P.	3/8 x 16 Studs	3/8 x 16 Studs	Lever	4 ⁷ / ₈	15	30	4	1	1/4
U1129-O-K3L-K2L	UG	Blank	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4
U1797-O-K3L-K2L-BL	UG	Blank	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4
U1797-O-K3L-K2L	UG	Blank	#4-600 or (2) 1/0-250	TWIN #6-350	Lever	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4

Notes

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

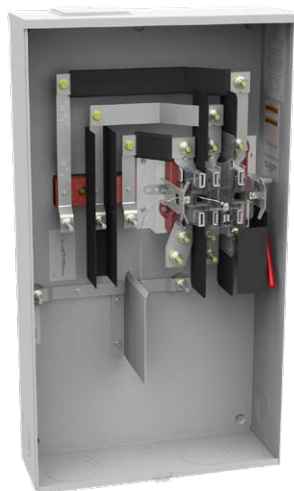


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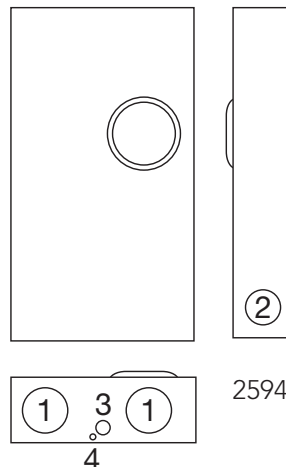
Single Position Lever Bypass

15

320 Amps | 7 Terminals | Side Wireway | Ringless



U2594-X



2594

320 Amps | 7 Terminals | Side Wireway | Ringless

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

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessories page.
- **Bypass:** Lever supplies clamping action and also operates bypass device.
- **Connectors:** Order two kits to cover both line- and load-on sockets not supplied with line connectors.
- **NOTE:** Single lug connector kits for the **U2594** need to be ordered separately, either **K3082** (350 kcmil) or **K3441** (600 kcmil). For twin lug connectors, order **K3442** (350 kcmil). Separate kits are required for both line and load.

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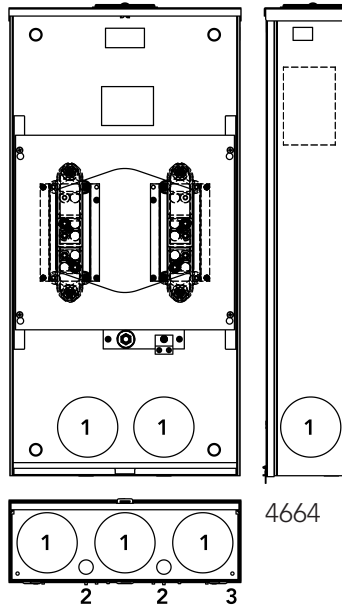


Bolt-in Bypass Single Position

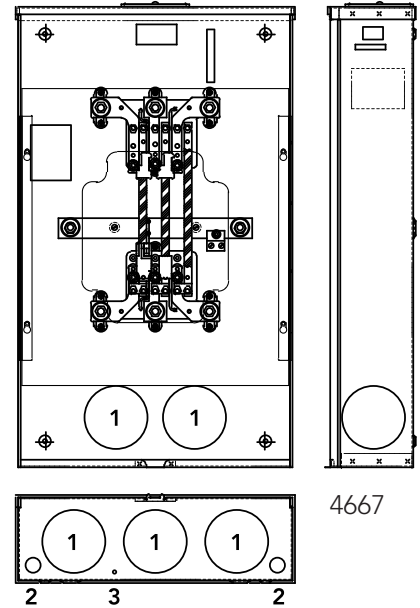
600 Amps (480 Cont.) | 4-7 Terminals | Ringless



U4667-X-8013



4664



4667

4-7 Terminals | K-Series

Catalog Number	Service	Phase	Hub	Connectors Line/Load	Ground Lug	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
U4664-X-8502	OH/UG	1	C.P.	(2) 6-350 MCM	1/0-2/0	6	17 ³ / ₄	36	4	³ / ₄	¹ / ₄
U4667-X-8013	OH/UG	3	C.P.	NONE	1/0-2/0	6	20 ¹ / ₄	43	4	³ / ₄	¹ / ₄
UA4667-X-9504*	OH/UG	3	C.P. (2)	NONE	1/0-2/0	6	20 ¹ / ₄	43	4	³ / ₄	¹ / ₄

Notes

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



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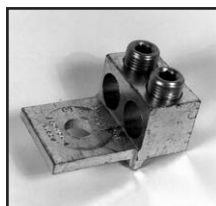
Bolt-in Bypass Single Position

Connector Kits

17



Z703916-AC



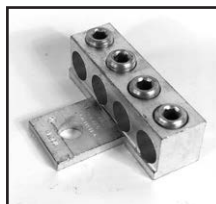
Z703918-AC



Z703919-AC



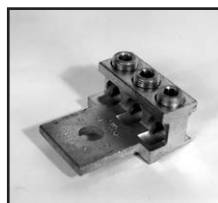
Z703921-AC



Z705420-AC



Z705456-AC



Z708145-AC

Bolt-on type lugs for Milbank stud-type meter mounting devices are constructed from 6061-T6 aluminum, ensuring both high strength and high conductivity. All lugs are tin-plated to minimize contact resistance and prevent corrosion. Additionally, Allen or hex head pressure screws are included to facilitate optimal conductor spread, maximizing binding action with the lug.

4 Terminals, 1Ø3W Connector Kits

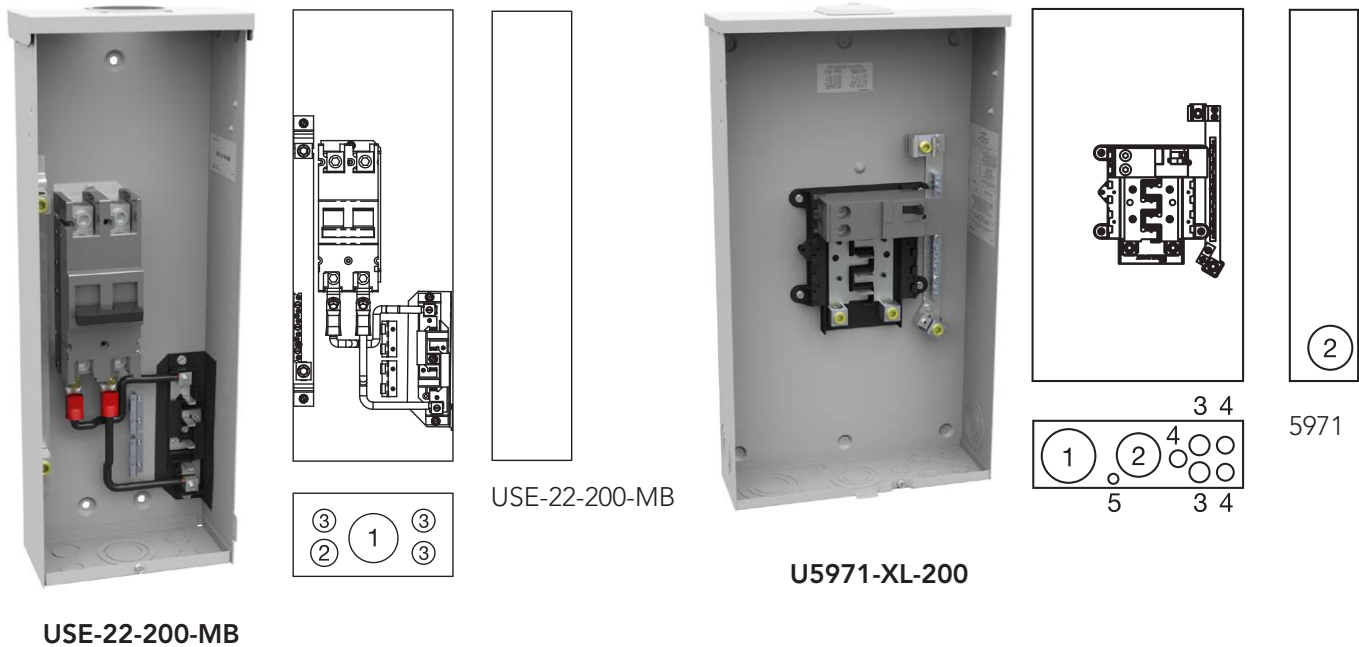
Catalog Number	Wire Range	Type	Wire Entry
Z703917-AC	#6-350	Twin	Side
Z704693-AC	#2-500	Twin	Side
Z705456-AC	#6-350	Twin	Rear
Z705420-AC	#6-350	Quad	Rear

7 Terminals, 3Ø4W Connector Kits

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

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200 Amps Main Power Outlet | Branch Provisions | 1Ø3W

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

Notes

- **USE-22-200-MB:** 200 Amps main with provisions for 200 Amps direct wire feeder. 200 Amps bolt-on breaker wired-in series with plug-in style bus. Space for four single pole or two two-pole plug-in, branch circuit breakers. Single 2" hub included. Quadplex style breakers may be used in accordance with the NEC.
- **Replacement breaker:** USE is **UQFB-M-200**, U5971 is **QN2200R**.

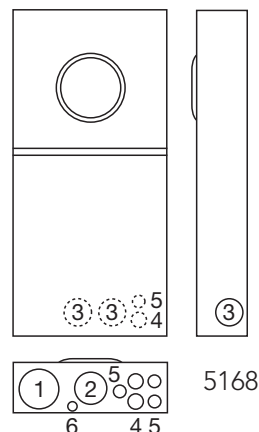


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Meter Main with Load Center

100-200 Amps | 4 Terminals | Ringless | 120/240V
NEC 2020 Compliant

19



U5168-XTL-200

100-200 Amps | 4 Terminals | Meter Main | **22K AIC** | 1Ø3W | OH/UG | **Ringless**

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

Notes

- **Hubs:** Supplied with two closing plates packed inside. Hubs need to be ordered as a separate item, see accessories page for options.
- **Fifth terminal:** Order **K5T** and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- **Interlock kit:** For generator auxiliary circuit breaker interlock, order **K5815** for large **QN** with small frame **Q**; order **K5820** for large frame **QN** with large frame **QN**.
- Ring-type also available. Contact factory.
- **Replacement breaker:** -100 is **Q2100H** and -200 is **QN2200RH**.
- **Sub-feed lugs:** #6-350 kcmil sub-feed lugs provided.

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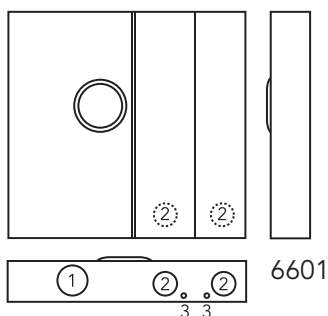
20

Heavy Duty Lever Bypass Meter Mains

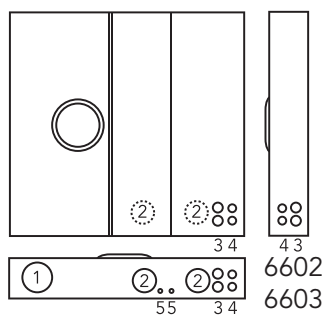
320 Amps | 4 Terminals | Ringless | 120/240V | NEC 2020 Compliant



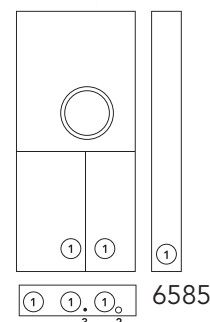
U6601-X-2/200-BL



U6602-X-2/200-MLK-BL



U6585-X-2/200-K3L



320 Amps | 4 Terminals | Single Position | **22K AIC** | Heavy Duty Lever Bypass | **Ringless**

Catalog Number	Service	Hub	Branch Circuits	Connectors CU/AL		Dimensions			Knockouts					
				Line	Load	D"	W"	H"	1	2	3	4	5	6
U6585-X-2/200-K3L	OH/UG	C.P.	—	#4-600	1/0-300	4 ⁷ / ₈	20 ¹ / ₄	45	3	1/4, 1/2	1/4	—	—	—
U6601-X-2/200-BL	OH/UG	C.P.	—	3/8 x 16 Studs	1/0-300	6	34 ³ / ₁₆	35	4	2 ¹ / ₂	1/2	5/16	—	—
U6602-X-2/200-MLK-BL	OH/UG	C.P.	—	3/8 x 16 Studs	1/0-300	6	34 ³ / ₁₆	35	4	2 ¹ / ₂	1/2	5/16	—	—
U6603-X-2/200	OH/UG	C.P.	24	3/8 x 16 Studs	1/0-300	6	38	41	4	2 ¹ / ₂	1	1/2, 3/4	1/3	5/16

Notes

- **Short circuit current withstand rating:** 22K AIC standard.
- **Bypass:** Lever supplies clamping action and operates bypass device.
- **-MLK:** Feed-through lug kit.
- **Replacement breaker:** For the U6585, U6601, U6602, and U6603 both breakers are UQFBH-200.

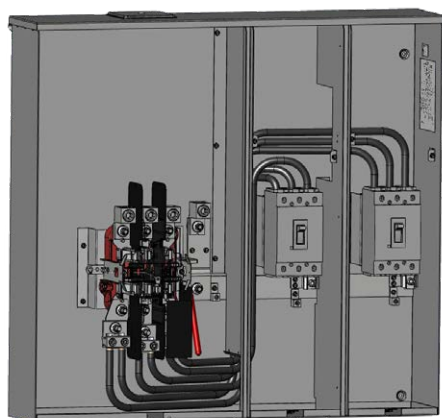


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Lever Bypass Meter Mains

21

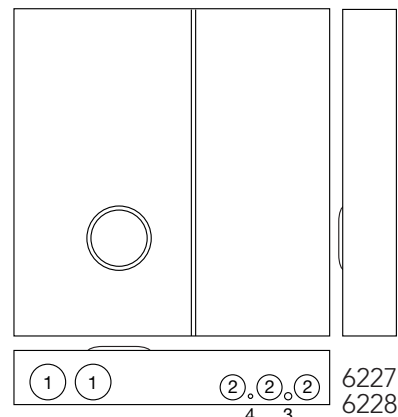
320-400 Amps | 4-7 Terminals | Ringless | NEC 2020 Compliant



U6056-X-2/200-K7L



U6228-X-400



320 Amps | 7 Terminals | Lever Bypass | 3Ø4W | 480V | **Ringless**

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6056-X-2/200-K7L	OH/UG	C.P.	(2) 1/0 - 250 or 4-600kcmil	7	34 1/4	34	1 1/2, 3/4	1 1/2, 3/4	1 1/2, 3/4	1 1/2, 3/4

400 Amps | 4 Terminals | Lever Bypass | 1Ø3W | 240V | **Ringless**

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6227-X-400-K3L-BL	OH/UG	C.P.	(2) 1/0 - 250 or 4-600kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4
U6228-X-400-K3L-BL	OH/UG	C.P.	(2) 1/0 - 250 or 4-600kcmil	6	36 1/4	34	4	2 1/2	1/2	1/4

Notes

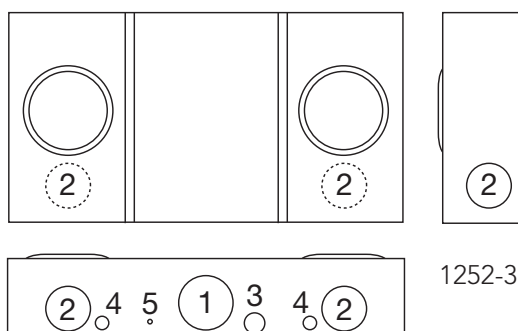
- Short circuit current withstand rating: **22K AIC**.
- Breakers: **U6056** comes with two, 200A main breakers.
- Bypass: Lever supplies clamping action and operates bypass device.

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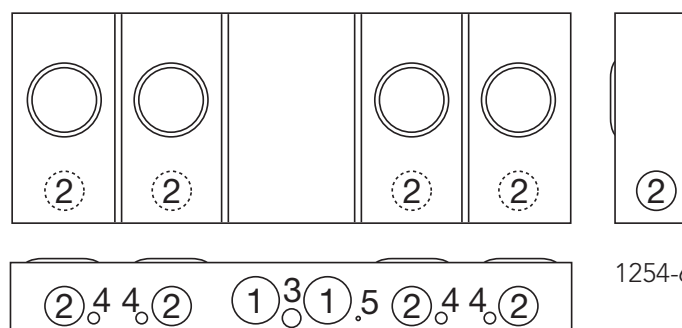




U1252-X-K1



1252-3



1254-6

200 Amps | Multiple Position | 4 Terminals | 1Ø3W | OH/UG | Ringless

Catalog Number	No. of Positions	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
			Line	Load		D"	W"	H"	1	2	3	4	5
U1252-X-K1	2	2½	#6-350	#6-350	None	5⅞	26½	14	3	2½	1	½	¼
U1253-X-K3	3	C.P.	4-600 (2) 1/0-250	#6-350	None	5⅞	34⅞	14	3	2½	1	½	¼
U1254-X-K3	4	C.P.	4-600 (2) 1/0-250	#6-350	None	5⅞	42⅞	16	3	2½	1	½	¼
U1256-X-K4	6	C.P.	(2)#2-600	#6-350	None	5⅞	63⅞	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 for **U1252-6**, order catalog number **K5T** (9 o'clock position).
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bussing:** Bussing is 5/16" x 1" aluminum on the **U1252-1253**. On the **U1254-6** gangs the bussing is 3/8" x 1" aluminum.

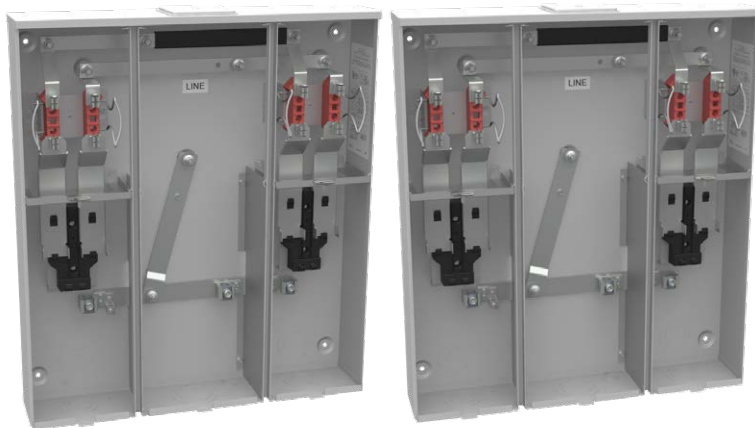


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Multi-Position Meter Mains

23

125-200 Amps | 4 Terminals | Ringless | 120/240V | NEC 2020 Compliant



U5902-X

U5882-X

Breaker Chart

Rating kAIC	Circuit Breakers 125 Amps
10	Siemens: QP. Cutler-Hammer: BR, HQP, QPGF Square D/Homeline: GE (50 Amps max) THQL, THQL-GF
22	Siemens: QPH
Rating kAIC	150-200 Amps
10	Siemens: QN
22	Siemens: QNH

125 Amps per Position | 4 Terminals | Multi-Position Meter Main | Ringless

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

200 Amps per Position | 4 Terminals | Multi-Position Meter Main | Ringless

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

Notes

- **NEC 2020 Compliant:** All products are NEC 2020 compliant.
- **Knockouts:** See drawings on the next page.
- **AIC Rating:** All models are rated 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- **Hub:** Units supplied with one closing plate. Order hubs separately, see accessory page.
- **Fifth Terminal:** For field-installed fifth terminal, order **K5T**.
- **Connectors:** Socket is supplied with 3/8" - 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on page 66. Separate lug kits are required for line and load.

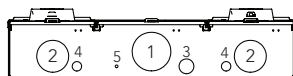
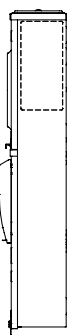
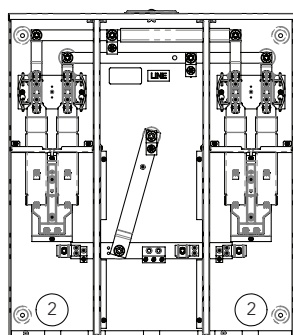
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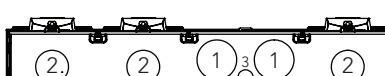
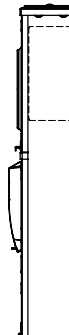
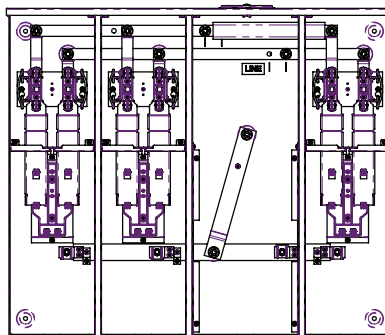
Multi-Position Meter Mains

U5902 and U5882 Series Knockout Information

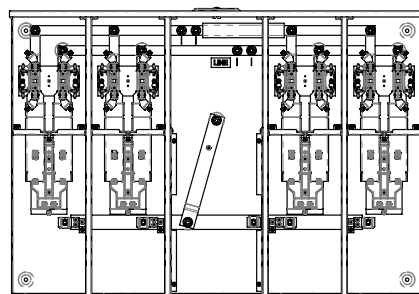
Knockouts				
1	2	3	4	5
3	2½	1	7/8	1/4



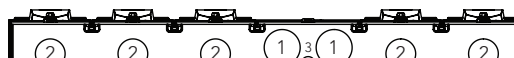
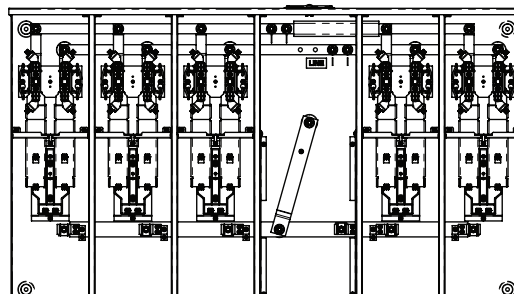
5882
5902



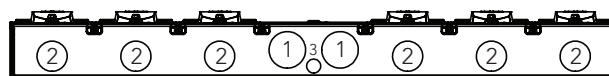
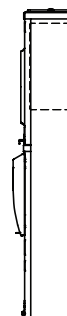
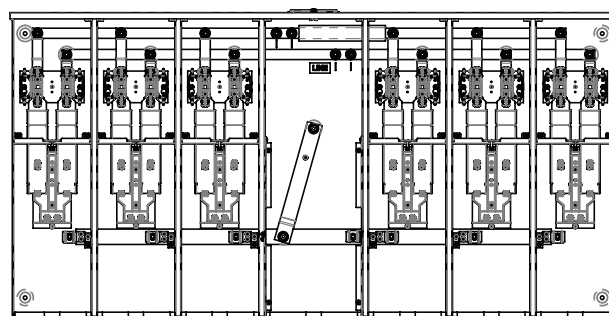
5883
5903



5884
5904



5885
5905



5886
5906

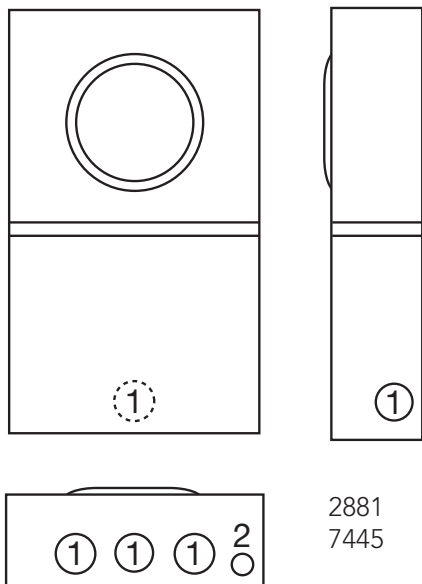


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Current Transformer Rated Sockets

25

20 Amps | One-Piece Cover | With Test Switch Provision



UC7445-RL-421*

20 Amps | 1-Piece Cover | Ringless

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

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, contact factory for details. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "U" (i.e. UC7445-XL becomes U7445-XL).
- **Test switch cover:** Units on this page are not designed for use with test switch covers without removing test switch bridge prior to installing test switch.
- ***Prewiring:** Both units in table are factory prewired. Picture shown does not illustrate prewiring option. Please contact your local Manufacturer's Representative for more information.

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Current Transformer Cabinet

NEMA Type 3R



323215-TC3RXA-SP1

Features

- Standard CT Cabinets available.
- Available in sizes ranging from 36x30x10 to 60x60x10.
- Cabinets are made from .100 aluminum.
- CTCs provide protection against rain, sleet, snow and dripping water.
- The cover is mounted on galvanized lift-off hinges with stainless steel hinge pins.
- Cover is fastened with a padlockable draw latch.
- Comes with three-point padlockable handle.
- Panel-mounting studs provided for optional back panels.
- Drip shield top and seam-free sides, front and back.

Current Transformer Cabinet | Panel Enclosure

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



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Multi-Position Tap Box

Three Phase | Nashville Electric Service Approved

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Features

- **Painted aluminum construction:** Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder coat paint finish helps prevent corrosion.
- **Capable of wall- or pad-mounting:** Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- **Smaller Footprint:** The **UAP6094** model has a more compact footprint compared with the leading competitor.
- **Comes with multi-port ground lugs.**
- **Penta bolt secured handle** (see pics below): Enclosure handle includes a penta bolt locking mechanism (see photos below) for enhanced protection.



Common Applications



Apartment Buildings



Strip Malls



Housing Developments

Catalog Number	Phase	Position Lugs	Maximum Wire Size	Maximum Amperage	Dimensions		
					D"	W"	H"
UAP6094-O-NES	3	16	500 kcmil	3000 Amps	16	25 ⁵ / ₈	43
UAP6095-O-NES	3	22	500 kcmil	4000 Amps	16	32 ³ / ₈	43
UAP6096-O-NES	3	14	750 kcmil	3300 Amps	16	25 ¹⁵ / ₁₆	51

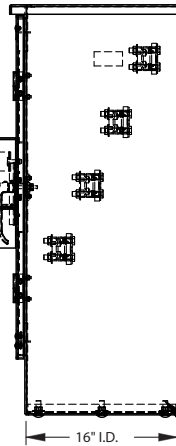
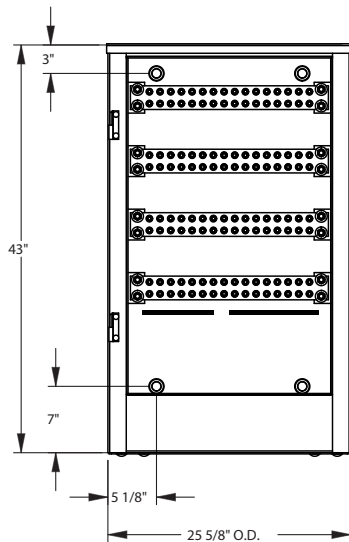
Stainless steel pad-mount spacing brackets included

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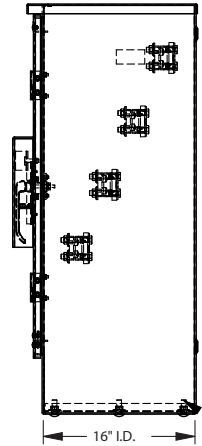
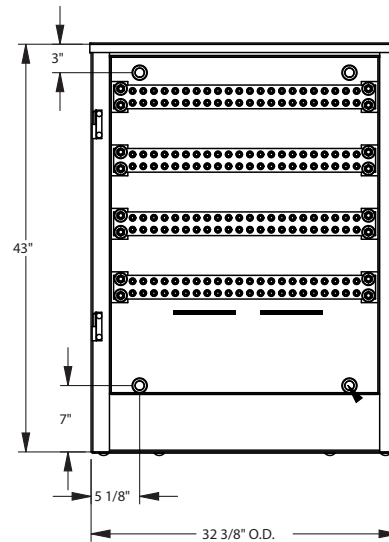


Multi-Position Tap Box

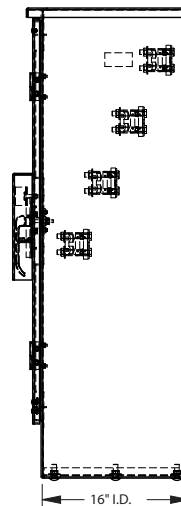
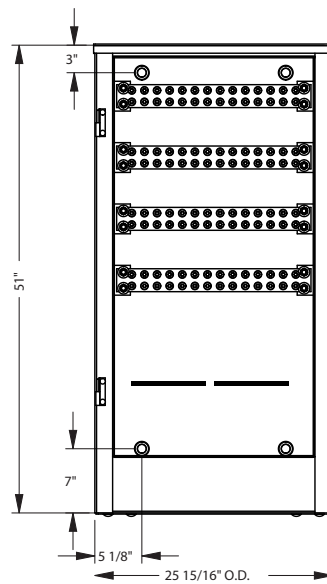
Line Drawings



6094



6095



6096



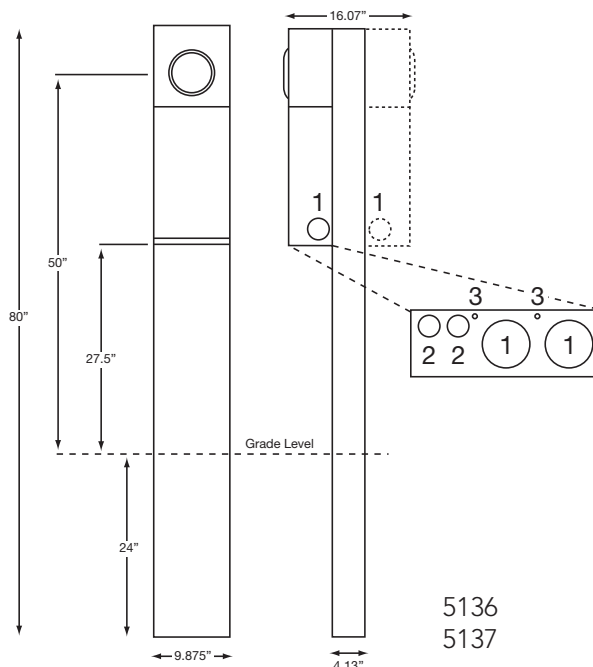
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Meter Main with Load Center Pedestal 29

200 Amps | 4 Terminals | Ringless | 120/240V | NEC 2020 Compliant



U5136-O-200S



5136
5137



U6220-O-100-KK-10GR

100-200 Amps | 4 Terminals | Meter Main Pedestal | Horn Bypass | Ringless

Catalog Number	Breaker Amps	Service	Powerheads	Branch Circuits	Connectors CU/AL		Knockouts		
					Line	Load	1	2	3
U6220-O-100-KK-10GR	100	UG	Single	10	#6-350	FTL*	2	1/2, 3/4	1/4
U6220-O-200-KK-10GR	200	UG	Single	8	#6-350	FTL*	2	1/2, 3/4	1/4
U5136-O-200S	200	UG	Single	4	#6-350	#1-300	2	1/2, 3/4	1/4

Notes

- **Stabilizer foot:** For field-installed stabilizer foot, order **K5415**.
- **Penta bolt locking:** For field-installed pedestal fronts penta bolt locking, order **K5039**.
- **Receptacles:** Contact factory for installed receptacle assemblies.
- **Short circuit current rating:** 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- * **Feed Through Lugs:** U5136-O-200S has feed through lugs in the pedestal for loop feed.

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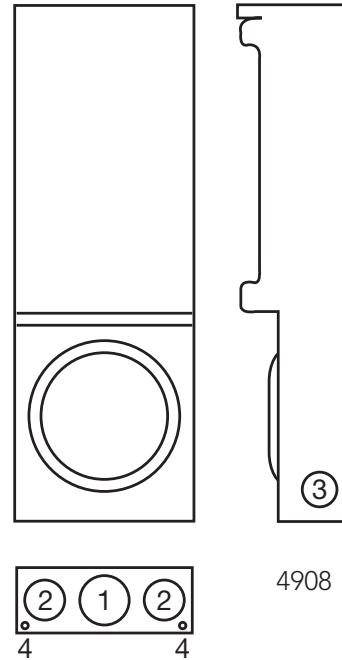


U4908-O-100MB-11GR

*NEC 2020 COMPLIANT



U4908-O-11GR



4908

Specifications

- Available in ringless style (**U4908** series) or ring-type (**U4909** series).
- UL-listed 100 Amps, 120/240V – 1Ø Underground Service Power Outlet.
- Has a short circuit current withstand rating of 10,000 RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16-gauge steel.
- Powder coated with ASA 61 gray polyester finish.
- Convenient concentric knockout configurations and mounting embosses.
- Wire terminations accept copper or aluminum conductors:
 - Service-line and Neutral: One #6-2/0 load ground: two 1/0-#14 and four #6-#14.
 - Load Neutral: Two 1/0-#14 and four #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 terminals, ringless meter socket with stainless steel locking hasp. Ring-type socket has aluminum **MR-2** snap-action sealing ring.
- Lockable hinge cover and deadfront are removable for installation and maintenance. Stay-open hinge cover has safety interlock on deadfront. Deadfront must be removed before hinge cover can be removed.



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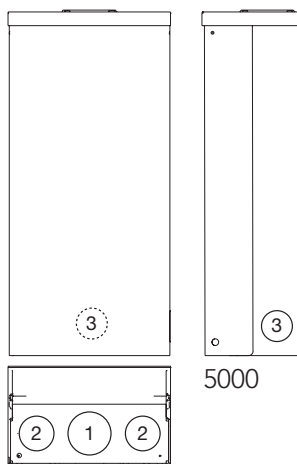
Surface-mount Power Outlet

Millennium Series | 120/240V

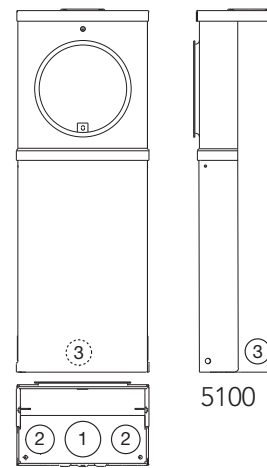
31



U5000-XL-75



U5100-XL-75



125 Amps | Surface-mount Power Outlets

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

Receptacle Configurations

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

NOTE

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

Circuit Breaker Configurations

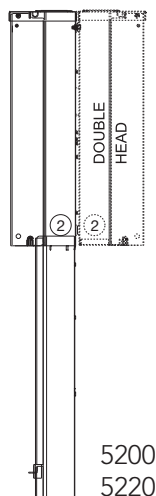
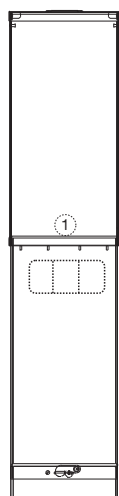
X	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

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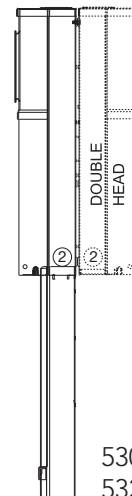
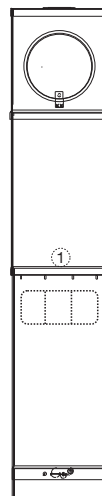




U5200-XL-75

5200
5220

U5300-O-75

5300
5320

125 Amps | Power Outlet Pedestals

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

Receptacle Configurations

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

NOTE

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






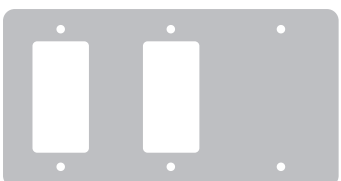


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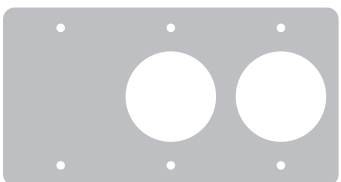
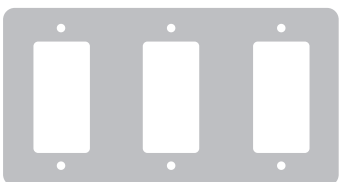

Replacement Receptacle Plates

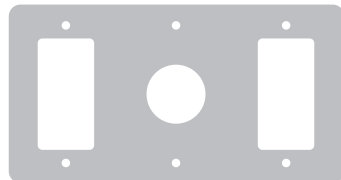
For Millennium Series Products

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K5920-75	K5920-10GR	K5920-54

		
K5920-11GR	K5920-522	K5920-41

		
K5920-58	K5920-111GR	K5920-BLANK


K5920-38

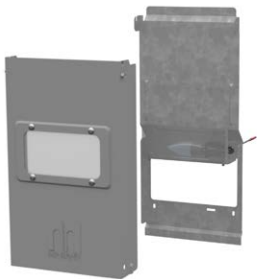
Notes


- For application details, contact factory.

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

Application	Internal light kit for metered power outlets.	
LED Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory-wired to 20 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 -LD suffix (after catalog number) for factory-installed. Order catalog number K6213 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 -L suffix (after catalog number) for factory-installed. Order catalog number K5412 for field-installed.	

Photoelectric Light Control Kit

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

WARNING!

Always disconnect power prior to installing these devices.




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Telecom and Pedestal Accessories

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For Millennium Series Products


Telephone and Cable TV Kit

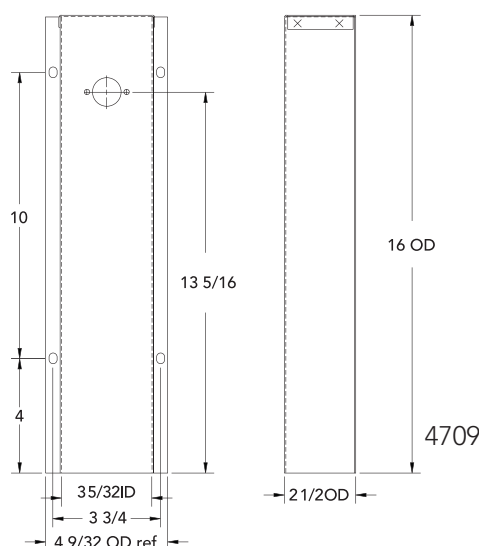
Application	Mounts to rear of pedestal series U5200 and U5300. May also be adaptable to a wooden or similar structure.	
Features	<p>Single: 16" galvanized raceway, (one) RJ11 telephone jack and (one) Type F coaxial CATV jack</p> <p>Dual: 16" galvanized raceway, (two) RJ11 telephone jacks and (one) Type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

K4709-02-3R

K4709-02

Water Shroud with Hardware

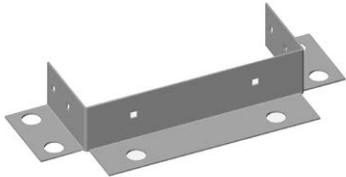
Application	Used to cover water pipe and provide means to mount hose bib to rear of pedestal.	
Features	<p>Includes mounting hardware and instructions.</p> <p>Matches K4709 kits when mounted side-by-side.</p>	
Ordering	Order catalog number K4709-WS .	



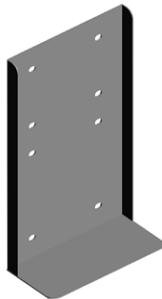
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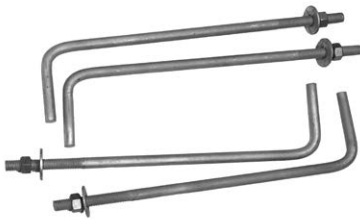
Field-Installed Pad-mount Kit

Application	Field-installed pad-mount kit with 6¾" mounting holes.	
Features	Includes ¼-20 stainless steel hardware to attach pad-mount base to post. Anchor bolt kit sold separately (order catalog number K5421).	
Ordering	Order catalog number K5410 .	

Stabilizer Foot with Hardware

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

Anchor Bolt Kit

Application	Concrete anchor bolt kit designed to attach pad-mount base to concrete.	
Features	(Four) sets of zinc-plated ⅝-11 x 10" bolt with two-inch toe. Includes nut and flat washer.	
Ordering	Order catalog number K5421 .	

Metering and Receptacle Accessories


37

For Millennium Series Products





Field-Installed Meter Kits

Application	Field-installed meter kit for U5000 and U5200 power outlets.	
Features	100 Amps cast meter socket, CL200-D E-Z Read Meter, sealing ring, security seal, one-inch Milbank hub, nipple and mounting screws. See CL200-D for watthour meter specification.	
Ordering	Order catalog number K4800-D digital meter kit.	

E-Z Read Watthour Meter

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

Single Receptacle Only Power Outlet


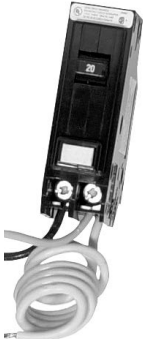


Application	Overhead/underground power outlet receptacle, suitable for RV, temporary service, campground, marina and boat yard equipment.			
Features	NEMA 3R, 120/240V single phase. Comes with lockable cover. Breaker not included in receptacle box.			
Ordering	Order catalog number from chart below.			
Receptacle Options	 P-10GWR 20A 5-20GR 120V GFI	 P-13WR 30A TT-30R 120V	 P-54WR 50A 14-50R 120/240V	

WARNING!


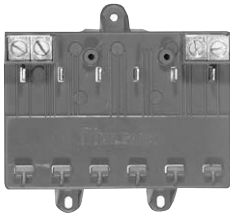
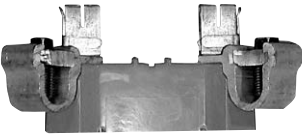
Always disconnect power prior to installing these devices.

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Q120 20 Amps, one-pole circuit breaker	708784-MO 20 Amps, one-pole GFI circuit breaker	Q130 30 Amps, one-pole circuit breaker	Q250 50 Amps, two-pole circuit breaker





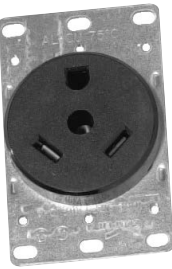
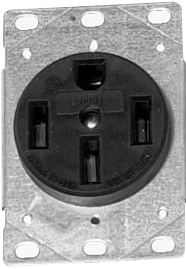
Main Breaker Kit Part number	Metered/Unmetered Surface-mount/ Pedestal	Amps
K5400-100MBM	Metered	100
K5400-100MBU	Unmetered	100
K5400-60MBM	Metered	60
K5400-60MBU	Unmetered	60

		
Z918466-AC Lug landing base	Z917602-AC Circuit breaker base (six circuit)	Z915141-AC Left or right meter block assembly

Replacement Parts and Accessories

For Millennium Series Products

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

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Recreational Vehicles

600/1200 Amps | Pad-mounted Panelboard



Specifications

- 600 to 1200 Amps, 120/240V, 1Ø distribution bus accepts up to up to six, two-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: Contact local code enforcement for pad size requirements. Order catalog number **CP-24-PDMNT-CALT** pad-mount base or catalog number **CP-ABK5/8** anchor bolt kit separately.

Circuit Breakers

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



Circuit Breakers

200 Amps Frame | Plug-In | 10K AIC | Two-pole | Common Trip

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



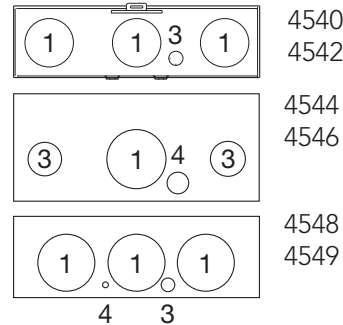
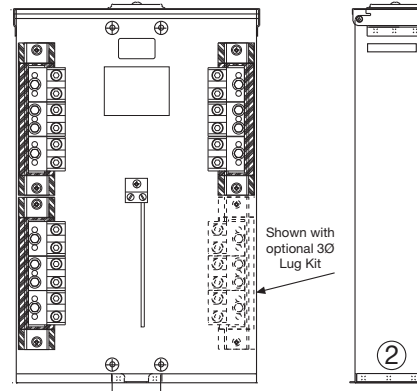
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Terminal Boxes

100, 200 and 400 Amps



U4540-XL



1Ø and 3Ø | 600 VAC

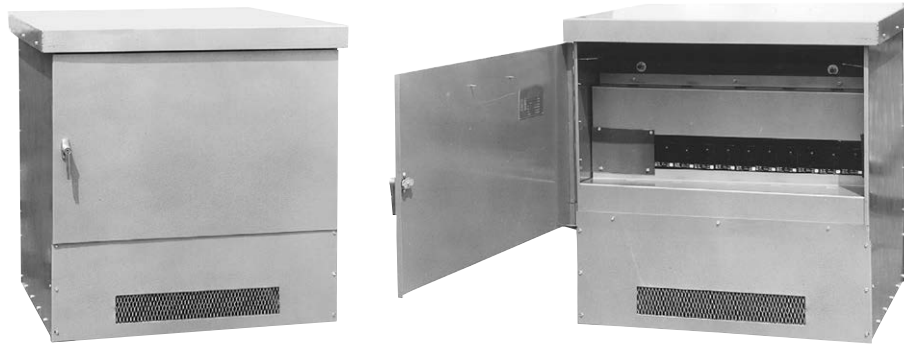
Catalog Number	Amps	Hub	Connectors CU/AL	Phase	1Ø to 3Ø Kit	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U4544-XL	100	C.P.	(6) #12-1/0	1	K4543	4 ¹ / ₈	9 ¹³ / ₁₆	18	2	1	1/4, 1/2	—
U4546-XL	100	C.P.	(6) #12-1/0	3	N/A	4 ¹ / ₈	9 ¹³ / ₁₆	18	2	1	1/4, 1/2	—
U4540-XL	200	C.P.	(6) #6-350	1	K4539	4 ¹ / ₈	14 ¹³ / ₁₆	23	2 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄	1/4, 1/2
U4542-XL	200	C.P.	(6) #6-350	3	N/A	4 ¹ / ₈	14 ¹³ / ₁₆	23	2 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄	1/4, 1/2
U4548-RXL	400	C.P.	(3) #6-350 or (2) #4-600	1	K4547	5	15 ¹ / ₂	27	3	3	1/4, 1/2	1/4
U4549-RXL	400	C.P.	(3) #6-350 or (2) #4-600	3	N/A	5	15 ¹ / ₂	27	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 120/240 VAC Application:** Field-installable 3Ø lug kit converts 1Ø unit to 3Ø unit (consult factory).

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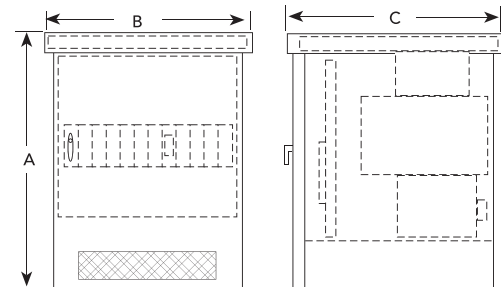
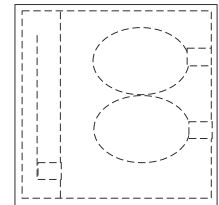


480 Volts to 120/240 Single Phase		
Catalog Number	KVA	Weight
10URMD*	100	1050 lbs.
16URMD*	167½	1400 lbs.
20URMD*	200	1650 lbs.
25URMD	250	1950 lbs.

* 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		
	A	B	C
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. Contact 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. Contact local utility for 480V overcurrent protection requirements. Single fuse primary overcurrent protection provided on 2400V and above units.
- Other primary voltages available: 4160, 4800, 7200, 7960, and 12,470. Contact 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

Enclosure

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



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Enclosed Controls

Attractive | Easy to Install | Secure | Cost-Effective

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Milbank enclosed controls provide a superior alternative to unsightly and inefficient strut and backboard structures. These enclosed controls offer an appealing, secure and cost-effective solution for underground remote site power distribution. The weather-resistant cabinets can be tailored to fit any environment, with a range of mounting options at your disposal. Each unit includes a utility pull section, complete with an optional meter socket, and a separate customer section equipped with distribution and control equipment.



Strut and Backboard

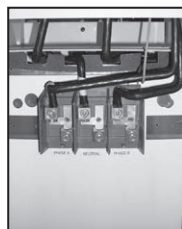


Commercial Pedestal

UL-listed as Industrial Control Equipment (File E113855)

Standard Features

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



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Applications

These units are ideal for controlling and metering:

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

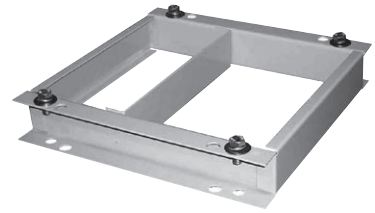
Available Factory-Installed Options

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

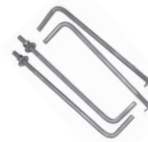
Options

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

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 terminal kit for
use with ring-type
meter sockets



K3865

Fifth terminal 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



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Enclosed Controls

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Main Load Center Commercial Pedestals

Main Load Center Commercial Pedestal

1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads.

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

- All units feature a load center with a plug-on, back-fed main breaker.
- Standard units are equipped with 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 a "dusk-to-dawn" feature, see the Milbank Switched Load Center Commercial Pedestal products page.

Features

These units include everything required for remote site service:

- Expandable load centers allow future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth terminal kit available.
- Amps interrupting capacity (AIC) standard is 22K.
- 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.



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Switched Load Center Commercial Pedestals

1Ø3 wire 120/240V or 208Y/120V

Designed to provide power for various loads and switch specific loads on/off under certain conditions. A photoelectric cell is used for these controlled loads with an available optional time clock.

Features

These units include everything required for remote site service:

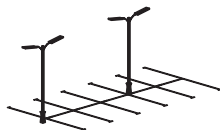
- Load centers are expandable. They allow future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth terminal kit available.
- Amps interrupting capacity (AIC) standard is 22K.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including:
 - PE receptacle
 - Lexan® window
 - Glare shield
 - Hand-Off-Auto (HOA) switch
 - Contractor controlling a 16-circuit load center for controlled loads
 - A pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



Ringless Lever Bypass shown



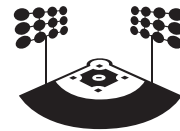
Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



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Enclosed Controls

400 Amps Commercial Pedestals

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Pedestals are designed to provide a weather- and vandal- resistant metered enclosure for various loads and distribution. Each pedestal is designed to handle a wide range of applications using standard and stocked configurations.

- Available in single main breaker or twin service disconnect breakers, allowing for flexibility within the 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 side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.

Features

These units include everything required for remote service:

- Available with main circuit breaker or dual service disconnects.
- Load centers are expandable. They allow 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 customer section with a circuit directory and print pocket, also sealable and lockable.
- Meter socket options include ring-type with bypass studs, ringless with heavy duty lever bypass, or K-Type bolt-on.

Applications



**Commercial
Job Sites**



Remote Site

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Surface-Mount Commercial Pedestal

Surface-mount enclosed controls offer the flexibility of larger EC products but don't take up as much space. While these commercial pedestals have a smaller footprint, they are still available with several mounting options.

Features

- Crafted for a faster, simplified installation process.
- Designed with both overhead and underground entry and exit, all in one unit.
- Both the meter and components are located in one enclosure.
- Meter and components in one enclosure
- UL508A and UL891:
 - Custom component configurations.
 - UL listing covers all internal components.
- Can be mounted on multiple surfaces:
 - Walls
 - Poles – narrow profile will have minimal extension past sides
 - H-Frames (Strut)
- Multiple bypass options available.
- Available with monitoring options.
- Powder coating available in standard Milbank EC colors or custom colors.



Benefits

- Smaller footprint
- Flood resistant
- No need for connecting components:
 - Wire-in
 - Wire-out

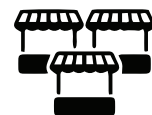
Applications



Communications
Power
Distribution



Lighting
Control



Streetscape
Power
Distribution



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Designed to provide battery backup power for various loads and to switch specific loads on and off under certain conditions, such as a photoelectric cell or time clock controlling lighting circuits. Metered and unmetered power distribution options are available. The backup power pedestal is designed to meet the vast majority of today's backup power requirements. Utilizing a 19-inch rack design, shelves can be adjusted to accommodate the necessary batteries, manufactured DC to AC inverters, transfer switches and other related equipment. We offer complete turnkey, ready-to-power-up pedestals, as well as basic units ready to accept batteries and inverters supplied by others.

Features

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

Note

- May require customization based on regional requirements.



Traffic Signals



Communications
Power Distribution



Parking Lots



Camera and Security
Locations

Options

- | | | |
|--|---|--|
| • Manual bypass switch | • Metered load center distribution | • GFCI duplex receptacles |
| • Transfer switch for generator power back-up | • Unmetered load center distribution | • Thermostat for heating control |
| • Generator inlet receptacles 30 Amps through 200 Amps | • Photo electric controls (for street lighting) | • Heating pads or elements |
| • Padlockable provision for receptacles | • Time clocks | • Roll out shelves for batteries |
| • Police access door | • HOA switches | • Surge arrestors and lighting arrestors |
| | • Contactors | |

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Enclosed Controls

Power Transfer Commercial Pedestals



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

Features

- Available in 120/240V 1Ø3W through 277/480V 3Ø4W ratings.
- Units can be metered or unmetered.
- Choice of EUSERC ring-type or ringless meter sockets.
- Available in 60 through 400 Amps ratings.
- Isolated utility compartments are padlockable.
- GFCI convenience receptacle rated at 20 Amps.
- Recessed generator receptacle door is lockable.
- Options for utility and generator indicator lights.
- All hardware is stainless steel.
- 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



Communications
Power Distribution



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Enclosed Controls

CT Metered Commercial Pedestals

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CT metered commercial pedestals are designed for use where a smaller service package is a better option, as opposed to larger switchgear equipment.

Features

- For applications of up to 800 Amps.
- All utility equipment is isolated in separated padlockable and sealable compartments.
- Separate customer compartment designed to hold distribution and control equipment.
- Designed with a deadfront panel.
- Optional mounting base is available.
- Optional construction in steel, aluminum and stainless steel.
- Powder coating is available in a variety of Milbank stock or custom colors.

Note

- May require customization based on regional requirements.



Commercial and
Industrial Control
Systems



Pump and Lift
Stations



Water Treatment
Plants



Electric Vehicle
Charging Stations

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

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

Features

- Available in either 100 or 200 Amps.
- Vandal-resistant and secure with an 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.
- Slimline pedestals have a smaller footprint by design.
- 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 from 120V to 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.

Note

- May require customization based on regional requirements.



Water Treatment
Plants



Highways



Parks and
Landscaping



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



and contractors alike. It's constructed with 14-gauge steel and only available for 12-inch pedestals.

Constructed with 14-gauge steel, available only for 12" pedestals.



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Circuit Breakers

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UQFP Plug-in and UQFB Bolt-on Series | 120/240V



UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFB-X



UQFB

200 Amps Frame | Plug-In | 10,000 AIC and 22,000 AIC | Two-pole - Common Trip

Amp	10K AIC Plug-In	22K AIC Plug-In	10K AIC Plug-In	22K AIC Plug-In	Wire Range	
					CU	AL
100	UQFP-100	UQFPH-100	UQFP-M-100	UQFPH-M-100	#3-#1	#1-1/0
125	UQFP-125	UQFPH-125	UQFP-M-125	UQFPH-M-125	#3-#1	#1-1/0
150	UQFP-150	UQFPH-150	UQFP-M-150	UQFPH-M-150	1/0-300	2/0-300
175	UQFP-175	UQFPH-175	UQFP-M-175	UQFPH-M-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

200 Amps Frame | Bolt-On | 10,000 AIC and 22,000 AIC | Two-pole - Common Trip

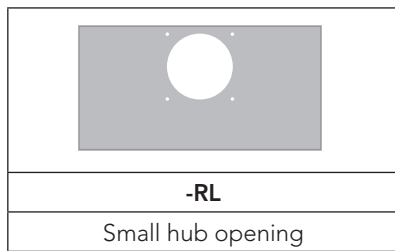
Amp	10K AIC Bolt-On	22K AIC Bolt-On	10K AIC Bolt-On	22K AIC Bolt-On	Wire Range	
					CU	AL
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1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

Notes

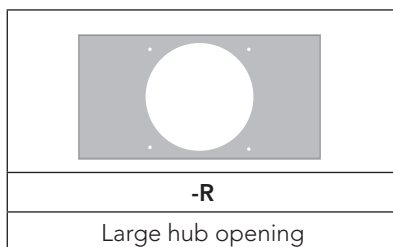
- **UL-listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications split-load tab features allow for feed-through capability.
- **UQFB:** Two 1/0-300 lugs provided on load and line side (cable-in, cable-out).
- **UQFB3:** Three-pole available. Contact factory.
- **UQFB-X:** Two 1/0-300 lugs provided on load side and two line bar bus connections on line side.
- **UQFB-M:** For series main circuit breaker applications. Split load tab features allow for feed-through capability.
- **UQFB-X-MOD:** Replacement circuit breaker with line barriers removed.

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





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

Accessories

55

Connector Kits, Closing Kits and Sealing Rings



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

					
Single			Twin		
Suffix	Part #	(3 per set) - 1Ø	Suffix	Part #	(3 per set) - 1Ø
K1	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

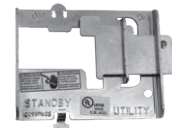
Bypass Link



Closing Covers

	
Meter Closing Plate (ring-type/ringless)	Metal Closing Plate (for ringless sockets)
6003 - Gray plastic	CP-21
6116 - Clear plastic	

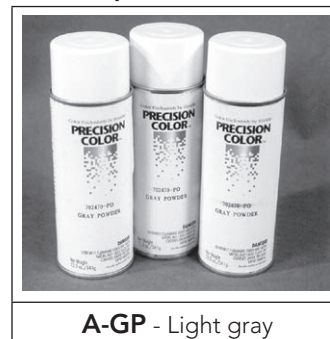
Generator Interlock


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

Sealing Rings

	
MR-2 - Snap-action	MR-4 - Screw-type (stainless steel)
MR2-SS - Stainless steel	

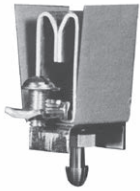
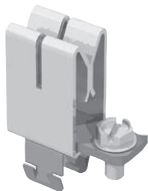

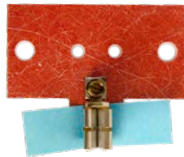
Touch-Up Paint



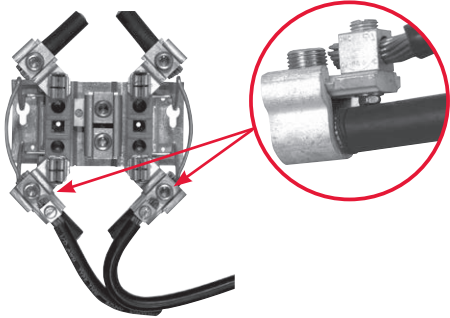
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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



Fifth Terminal

			
5T8K2 - 100-200 Amps "Plug-in"	K5T - 200 Amps (Block with square hole)	K3865 - Heavy Duty Jaw-clamping (K3866 without neutral wire)	This is for Condo metering banks (125-200 Amps) K2381

Tap Connectors (3 per set)

	<p>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.</p>
K4977-INT - Internal Hex	
K4977-EXT - External Hex	
K5022-INT - Internal Hex (set of 4 w/ barrier)	


Pedestal Extension Units

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

Isolated Neutral Kit


K1047*

Anti-Inversion Clip


K4802

Disconnect Sleeve


M5-144

Triplex Ground


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

*Isolated neutrals are specific to the meter socket. Contact your local Milbank Manufacturer's Representative for correct isolated neutral.



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Conduit, Ampacity and SCCR

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Reference Information

MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

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

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

SAMPLE RATING LABEL

CATALOG NUMBERS U5952 & U5953
100A MAXIMUM, 120/240 VAC SINGLE PHASE, THREE WIRE
RAINPROOF NEMA TYPE 3R

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

SUITABLE FOR USE AS
RECREATIONAL VEHICLE SITE
SUPPLY EQUIPMENT

UNDERGROUND FEED ONLY

ON
TRIP
OFF

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

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

WIRE TERMINAL INFORMATION USE AL-CU CONDUCTORS

TERMINAL	WIRE RANGE	TORQUE LB-IN
LINE AND LINE NEUTRAL	350 KCMIL - #6	250
GROUND CONNECTOR	2/0 AWG - #14 AWG	120
LOAD NEUTRAL SLOTTED HEAD (LARGE HOLE)	14 - 10 8 6 - 4 3 - 1/0	35 40 45 50
LOAD NEUTRAL SLOTTED HEAD (SMALL HOLE)	14 - 10 8 6	20 25 35

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

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

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

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

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

AMPACITY CORRECTION FACTORS

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

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

GANG SOCKET OVERALL AMPACITIES

# of Meter Pos.	100A/Pos. Ampacity	125A/Pos. Ampacity	150A/Pos. Ampacity	200A/Pos. Ampacity
2	200A	200A	200A	200A #
3	200A	225A	225A	270A
4	200A	250A	270A	360A
5	225A	285A	338A	450A
6	270A	330A	396A	528A

† Unless otherwise permitted elsewhere in the Code, the overcurrent protection for conductor types marked with an obelisk (†) shall not exceed 15 Amps for 14 AWG, 20 Amps for 12 AWG, and 30 Amps for 10 AWG copper; or 15 Amps for 12 AWG and 25 Amps for 10 AWG aluminum and copper-clad aluminum after any correction factors for ambient temperature and number of conductors have been applied.
Some constructions are rated at 400 Amps overall (1252). Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.

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Important Note

In addition to national and local electrical codes, many utilities have specific requirements for metering equipment. Always contact the serving utility for their specifications and requirements prior to ordering or installing Milbank meter mounting equipment.

Before Energizing

1. Give equipment a thorough visual examination to determine that:
 - a) No shipping or installation damage exists.
 - b) Proper clearances have been maintained.
 - c) All connections have been made.
 - d) Equipment is clean and dry.
2. Make a thorough examination to:
 - a) Verify tightness of all bolted connections (see table below).
 - b) Manually operate all circuit breakers, switches, relays, etc.
 - c) Check rigidity of all mountings, bus bars and components.
 - d) Use test equipment to check continuity of circuitry and integrity of insulation.
3. All switches and circuit breakers should be in the OFF position.
4. Verify that manual meter bypass (if applicable) is in non-bypass position.
5. Install cover and/or close doors.
6. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

When Energizing

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

After Energizing

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

Recommended Torque for General Applications*

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

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



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Materials

Steel Quality

The meter equipment listed in this catalog is made of galvanized steel (AISI* G90) to afford the best possible weather-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-Terminal: 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 the factory.

Metal Fasteners

Zinc-coated with a chromate dip.

Ratings and Compliance

Ratings and Compliance

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

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

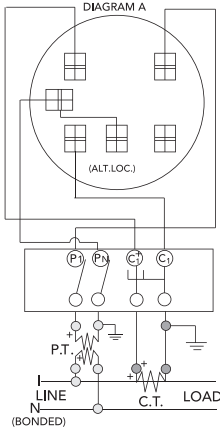


DIAGRAM B
1 \emptyset 3W with 1 C.T.
Single Stator Meter(3W1 \emptyset) - Form 3S
5T Socket, Test Switch #TS04-0101

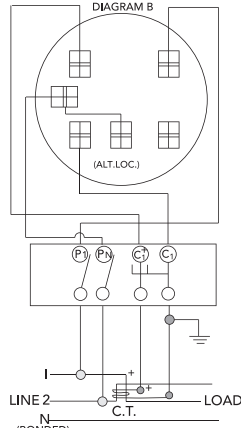


DIAGRAM C
1 \emptyset 3W with 2 C.T.'s
Single Stator Meter(3W1 \emptyset) - Form 4S
6T Socket, Test Switch #TS07-0105

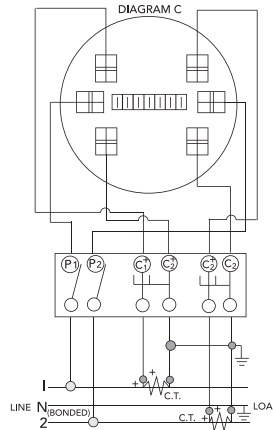


DIAGRAM D
1 \emptyset 3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

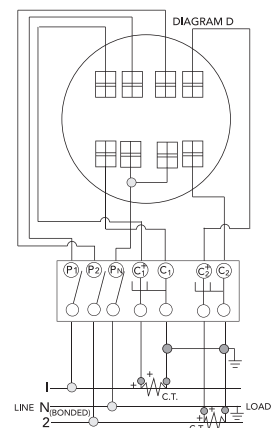


DIAGRAM E
3 \emptyset 3W "A" with 2 P.T.'s and 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

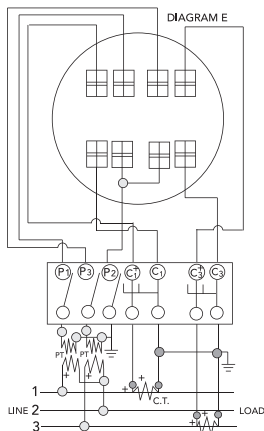


DIAGRAM F
3 \emptyset 3W "A" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

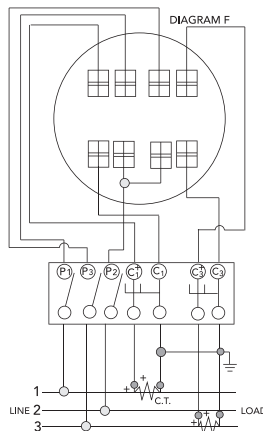


DIAGRAM G
3 \emptyset 4W "Y" with 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

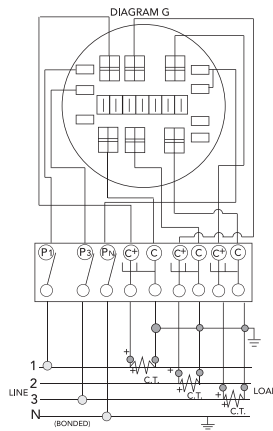


DIAGRAM H
3 \emptyset 4W "Y" with 2 P.T.'s and 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

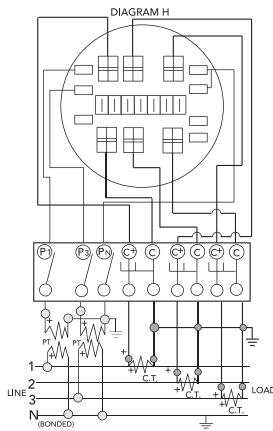


DIAGRAM I
3 \emptyset 4W "Y" or "A" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"A" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

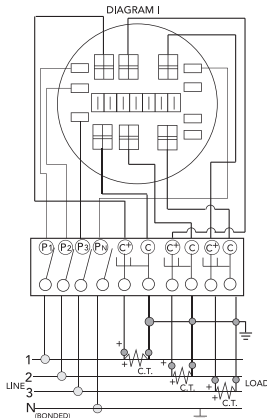
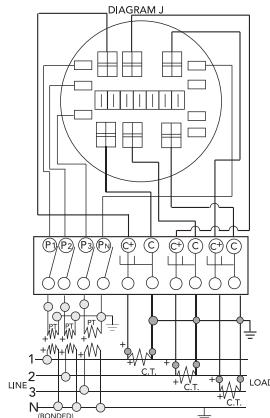


DIAGRAM J
3 \emptyset 4W "Y" with 3 P.T.'s and 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109

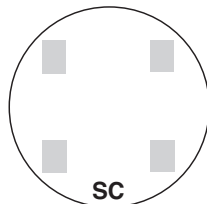


Prewiring: If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter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

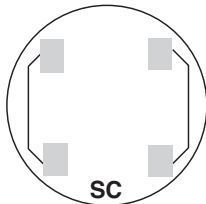
Watthour Meter Forms

Standard Forms | Transformer Rated or Self-Contained

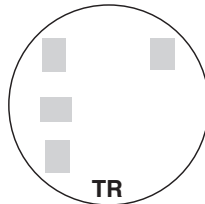
61



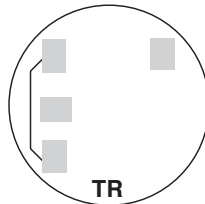
2 and 3-WIRE FORMS
1S & 2S



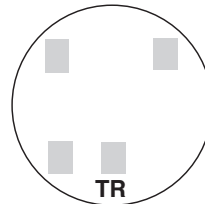
2 and 3-WIRE FORMS
1S & 2S with BYPASS



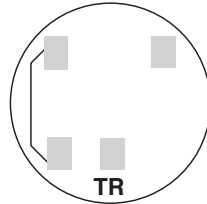
2-WIRE FORM 3S
5th Term. 9 o'clock



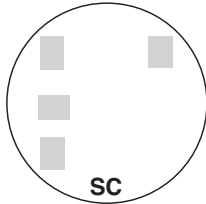
2-WIRE FORM 3S
with BYPASS



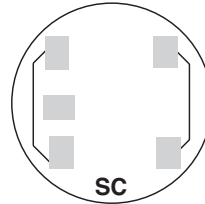
2-WIRE FORM 3S
5th Term. 6 o'clock



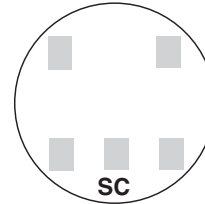
2-WIRE FORM 3S
with BYPASS



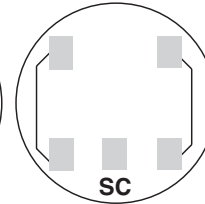
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 9 o'clock



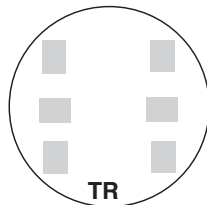
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 9 o'clock



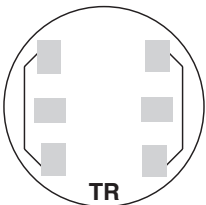
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



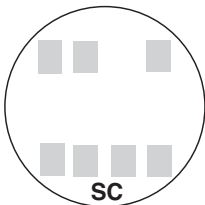
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 6 o'clock



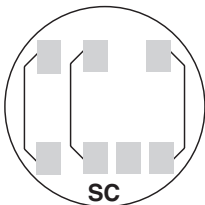
3-WIRE FORM 4S



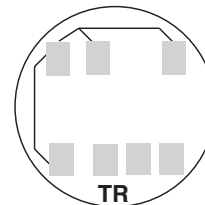
3-WIRE FORM 4S
WITH BYPASS



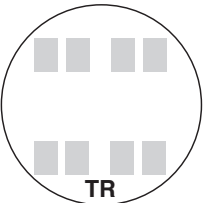
2 or 3 ELEMENT
3Ø4W Y or Δ
Y FORM 14S
Δ FORM 15S



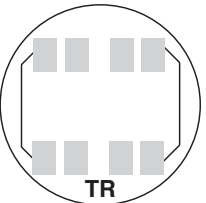
2 or 3 ELEMENT
3Ø4W Y or Δ
FORMS 14S & 15S
with BYPASS



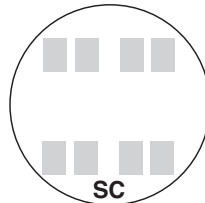
2 ELEMENT
3Ø4W Y or Δ
Y FORM 7S
Δ FORM 24S
with BYPASS



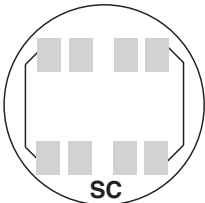
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



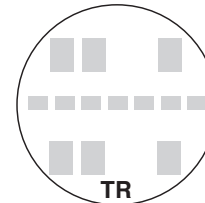
2 ELEMENT 2Ø3W,
2Ø4W, 3Ø3W
FORM 5S with
BYPASS



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S

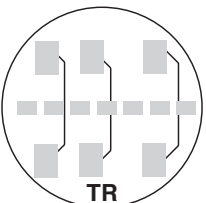


2 or 3 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S with
BYPASS

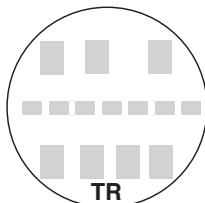


2 or 3 ELEMENT
3Ø4W Y or Δ
Y FORM 9S
Δ FORM 8S

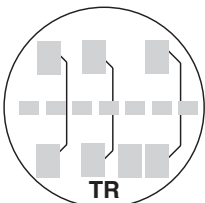
TR = TRANSFORMER RATED
SC = SELF CONTAINED



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



2 ELEMENT
3Ø4W Y
FORM 6S

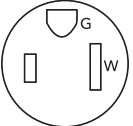
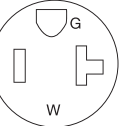
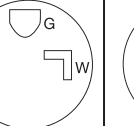
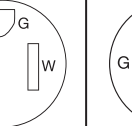
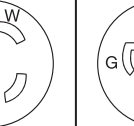
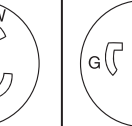
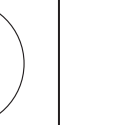
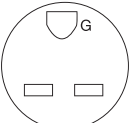
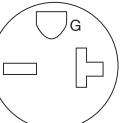
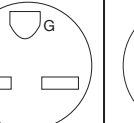
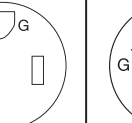

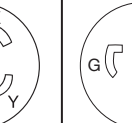
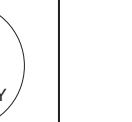
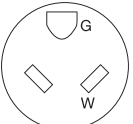
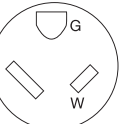
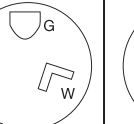
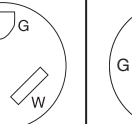
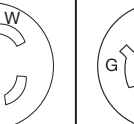
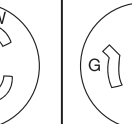
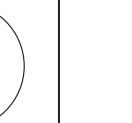


2 ELEMENT
3Ø4W Y
FORM 6S
with BYPASS

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Two-pole | 3-Wire | Grounding Receptacles

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

Three-pole | 3-Wire | Special Applications

Straight Blade Wiring Devices				Twist-Lock Wiring Devices		
Volts	Code	20 Amps	30 Amps	50 Amps	20 Amps	30 Amps
125V 250V	10					
		10-20R	10-30R	10-50R	L10-20R	L10-30R

Three-pole | 4-Wire | Grounding

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

Two-pole | 3-Wire | Grounding | NEMA Trailer

Straight Blade Wiring Devices		
Volts	Code	30 Amps
125V	TT	



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This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

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