

MILBANK[®]
ENERGY AT WORK



INDIANA

Meter Mounting Equipment



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

Milbank Overview

Energy At Work Since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With nearly a century of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and power distribution and 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.



Power Distribution & Controls

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our power distribution and controls are custom control equipment, engineered and built to your exact specifications. Milbank Power Distribution & 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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Air Conditioner Disconnects

30-60 Amps AC Disconnects	6
60 Amps AC Disconnect with 20 Amps GFCI Receptacle	7
Hot Tub Disconnects.....	8

Single Position Sockets

125-200 Amps, 4 Terminals, Ringless	9
200 Amps, 4-7 Terminals, Ringless, Lever Bypass	10
320 Amps, 4 Terminals, Ringless, Side Wireway, Lever Bypass	11
320 Amps, 7 Terminals, Side Wireway, Ringless, Lever Bypass	12

Unmetered Load Centers

200 Amps, Unmetered Load Center with Main Breaker	13
---	----

Meter Mains

125-200 Amps, 4 Terminals, Ringless	14
200 Amps, 4 Terminals, Load Center, Ringless, Horn Bypass	15
200 Amps, 4-7 Terminals, Ringless, Lever Bypass.....	16
320 Amps, 4 Terminals, Ringless, Lever Bypass	17
400 Amps, 4-7 Terminals, Ringless	18
400 Amps, 7 terminals, Ringless	19
200-400 Amps, 4-7 Terminals, Ringless	20

Multi-Position Sockets

150 Amps, 4 Terminals, Ringless	21
200 Amps, 4 Terminals, Ringless	22
Knockout information	23

Lever Bypass Multi-Position Sockets

200 Amps, 5 Terminals, Ringless	24
200 Amps, 7 Terminals, Ringless	25

Multi-Position Meter Mains

125-200 Amps, 4 Terminals, Ringless	26
Dimensional Information	27

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Transformer Rated Sockets

20 Amps, 6-13 Terminals, Plunger Bypass	28
20 Amps, 6-13 Terminals, Test Switch Provision	29
80 Amps, 6-13 Terminals, Lever Bypass	30
Test Switches	31-32
Current Transformer Cabinet, Panel Enclosure	33

Multi-Position Tap Box

3-Phase, Aluminum Construction, Wall- or Pad- Mountable.....	34-35
--	-------

Meter Main with Load Center Pedestal

100-200 Amps, 4 Terminal, Ringless	36-39
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Temp Power

125 Amps, 4 Terminals, Ringless	40
125 Amps, Surface-Mount, Millennium Series	41
125 Amps, Power Outlet Pedestal	42-43

Miscellaneous

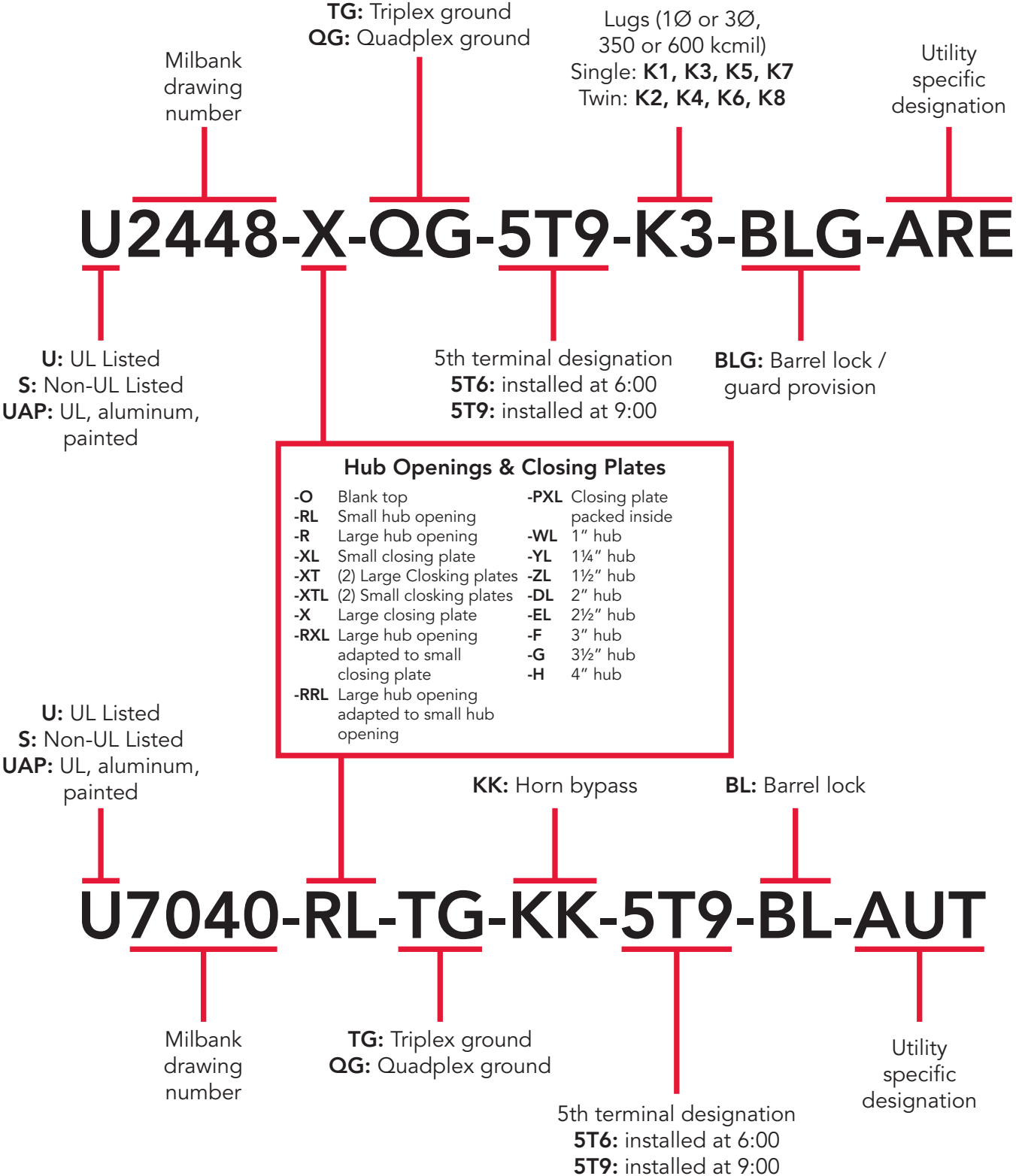
Lighting and Mounting Accessories	44-48
Circuit Breakers	59-51
Accessories	52-54
Power Distribution & Controls	55-64
Reference Information	65-69
Index.....	70-72



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Catalog Number Logic

How Our Product Catalog Numbers are Derived



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Air Conditioner Disconnects

30-60 Amps | Fusible and Non-Fusible



U3802



U3812



U3832

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

30-60 Amps | 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	2⅞	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
- One-inch concentric knockouts



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Air Conditioner Disconnects

7

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 ⁴ / ₅	5 ¹ / ₄	7 ³ / ₅	60°/75°	60°/75°

Notes

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

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Hot Tub Disconnects

Type 3R Enclosures



U4881-O-50GB



U4881-O-60GB

Specifications

- 240V ground fault protection
- UL-listed
- Type 3R
- Weather resistant
- Two-pole, 50 or 60 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

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

Catalog Number	Breaker Amps	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
U4881-O-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

9

125-200 Amps | 4 Terminals | Ringless | 600V



U7487-RL-TG-KK



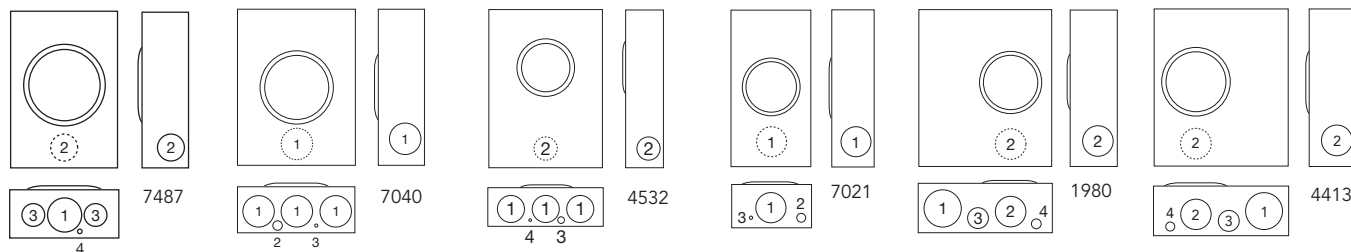
U7040-RL-TG-KK



U4532-XL



U1980-O-KK



4 Terminals | Single Position | Ringless | Horn Bypass | 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U7487-RL-TG-KK	125	OH/UG	H.O.	#6-2/0	#6-2/0	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U7487-RL-TG-KK-BLG	125	OH/UG	H.O.	#6-2/0	#6-2/0	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	—	1 ¹ / ₄	1 ¹ / ₄
U7021-RL-TG-KK	200	OH	H.O.	#6-350	#6-350	4 ¹ / ₈	8	15 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7021-RL-TG-KK-BLG	200	OH	H.O.	#6-350	#6-350	4 ¹ / ₈	8	15 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7040-RL-TG-KK	200	OH/UG	H.O.	#6-350	#6-350	4 ¹ / ₈	11	14 ⁵ / ₈	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7040-RL-TG-KK-BLG	200	OH/UG	H.O.	#6-350	#6-350	4 ¹ / ₈	11	14 ⁵ / ₈	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7040-XL-TG-KK	200	OH/UG	C.P.	#6-350	#6-350	4 ¹ / ₈	11	14 ⁵ / ₈	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U4532-XL	200	OH/UG	C.P.	#6-350	(2) #6-350	4 ⁷ / ₈	15	20 ¹ / ₂	3	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄

200 Amps | 4 Terminals | Single Position | Ringless | Horn Bypass | Side Wireway | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U1980-O-KK	UG	Blank	#6-350	#6-350	4 ¹ / ₂	13	15 ¹ / ₄	3	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U1980-O-KK-BLG	UG	Blank	#6-350	#6-350	4 ¹ / ₂	13	15 ¹ / ₄	3 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U4413-O-KK-BLG	UG	Blank	#6-350	#6-350	4 ¹ / ₂	13	15 ¹ / ₄	3	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂

Notes

- **Hubs:** Order hubs separately — see accessory page for ordering information.
- **Fifth terminal:** For field mounted fifth terminal for **U7021**, **U7040**, **U4532** and **U1980**, order catalog number **K5T**. For the **U7487**, order catalog number **5T8K2**.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **U4532:** Includes twin lug connector on load side.
- **Tap connector:** For tap connector, order **K4977-INT**.
- **Product numbers with BLG are used in AEP service areas.**

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Single Position Lever Bypass

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



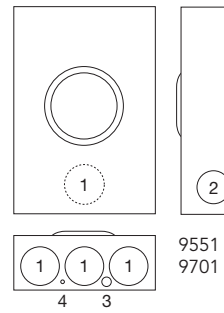
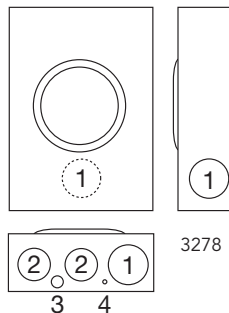
U3278-RL



U9551-RRL



U9701-RRL



200 Amps | Single Position | Lever Bypass | Ringless | Non-Jaw Clamping

Catalog Number	Terminals	Phase	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U3278-RL	4	1Ø3W	OH	H.O.	#6-350	4 $\frac{7}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	2	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$

200 Amps | Single Position | Heavy Duty Lever Bypass | Ringless | Jaw Clamping

Catalog Number	Terminals	Phase	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U9551-RRL	5	1Ø3W or 3Ø3W	OH/UG	H.O.	#6-350	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U9701-RRL*	7	3Ø4W	OH/UG	H.O.	#6-350	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U9701-RRL-BLG*	7	3Ø4W	OH/UG	H.O.	#6-350	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Bypass:** The lever on the **U3278** unit operates the bypass device only; it does not provide clamping action on the meter spades. The levers on the **U9551** and **U9701** units supply clamping action on meter spades and also operate the bypass devices.
- **Product numbers with BLG are used in AEP service areas.**

*Can be used in a 100 Amps 3 phase applications due to lug range.



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Single Position Lever Bypass

1 1

320 Amps | 4 Terminals | Ringless | 600V



U4363-X-QG-K3-K2



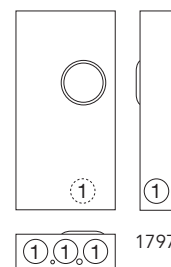
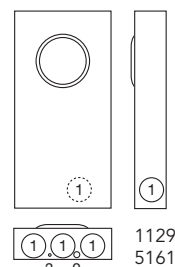
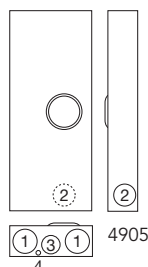
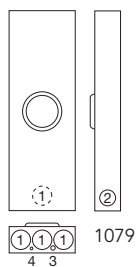
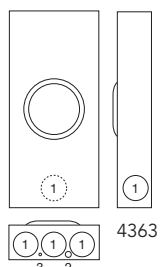
U1079-RRL-K3



U1129-O-K3L-K2L



U1797-O-K3L-K2L



320 Amps Continuous (400 Amps Max) | 4 Terminals | Single Position | Ringless | Lever Bypass | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U4363-X-QG-K3-K2	OH	C.P.	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 ⁷ / ₈	13	28 ¹ / ₄	3	1/4, 1/2	1/4	—
U1079-RRL-K3	OH	H.O.	(1) #4-600 or (2) 1/0-250	3/8" x 16 Studs	4 ⁷ / ₈	13	38 ³ / ₄	3	2 1/2	1/4, 1/2	1/4
U4905-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	5 ³ / ₄	16	38 ³ / ₄	4	3 1/2	3	1/4, 1/2
U4905-X-BLG	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	5 ³ / ₄	16	38 ³ / ₄	4	3 1/2	3	1/4, 1/2
U5161-X-K3L-K2L-BLG	OH/UG	C.P.	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 ⁷ / ₈	15	3 1/2	3	1/4, 1/2	1/4	—
U1129-O-K3L-K2L	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4	—
U1797-O-K3L-K2L	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4	—
U1797-O-K3L-K2L-BLG	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 ⁷ / ₈	15	30	3	1/4, 1/2	1/4	—

Notes

- **Side wireway:** U1797 and U4905 are side wireway units.
- **Bypass:** Lever supplies clamping action and also operates bypass device.
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessory page.
- **Connectors:** Some units supplied with 3/8" x 16 hex head nuts with Belleville washers. For connector kits, order as extra **K1540** (single 600 kcmil). For twin lug connectors, order as extra **K1350** (twin 350 kcmil). Order two kits to cover both line and load on U4905 and one kit for load side of U1079.
- **Fifth terminal:** For factory-installed fifth terminal in the 6 o'clock position, add the suffix **-5T6** to the catalog number. For factory-installed fifth terminal in the 9 o'clock position, add the suffix **-5T9** to the catalog number. For field-installed fifth terminal, order as extra catalog number **K3865** for U1129, U1797 and U4905 and **K3866** for U1079.
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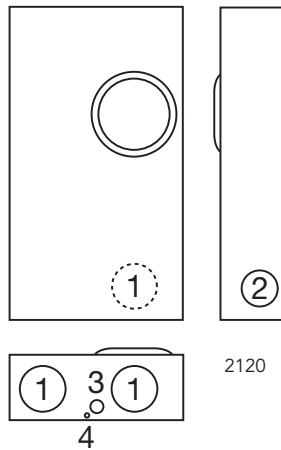


Single Position Lever Bypass

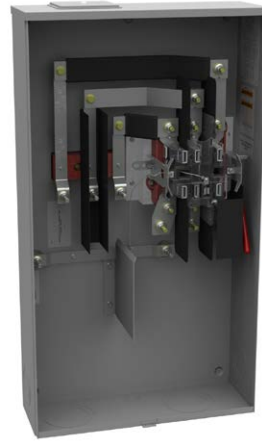
320 Amps | 7 Terminals | Ringless | 600V



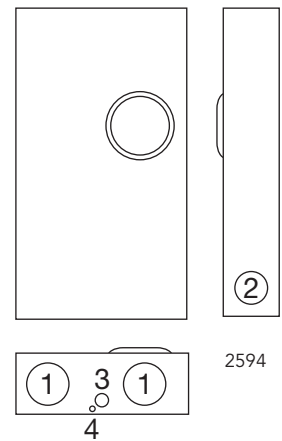
U2120-X-K7



2120



U2594-X



2594

320 Amps | 7 Terminals | Single Position | Ringless | Side Wireway | 3Ø4W | Jaw Clamping

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U2594-X	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	$\frac{3}{8}$ " x 16 Studs	Lever	6½	19	34⅞	4	3	1	¼
U2594-X-BLG	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	$\frac{3}{8}$ " x 16 Studs	Lever	6½	19	34⅞	4	3	1	¼
U2120-X-K7	UG	C.P.	(1) #4-600 or (2) 1/0-250	$\frac{3}{8}$ " x 16 Studs	Lever	6½	17¾	31¾	4	3	1	¼

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessory page.
- **Bypass:** Lever supplies clamping action and also operates bypass device.
- **Connectors:** Supplied with $\frac{3}{8}$ " x 16 hex head nuts with Belleville washers. For connector kits, order as extra **K3441** (single 600 kcmil). For twin lug connectors, order as extra **K3442** (twin 350 kcmil). Separate kits are required for both line and load. Line side connectors furnished on **U2120**.
- **Product numbers with BLG are used in AEP service areas.**



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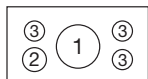
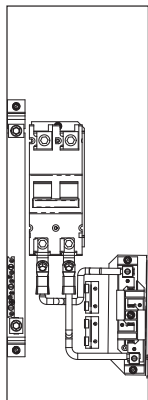
Unmetered Load Centers

200 Amps | 120/240V

1 3



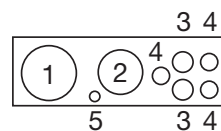
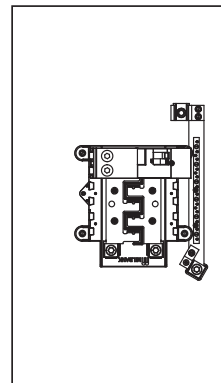
USE-22-200-MB



USE-22



U5971-XL-200



5971

200 Amps | Unmetered Load Center with Main Breaker

Catalog Number	Main Breaker Amp	Circuits	Service	Hub	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
USE-22-200-MB	200	4	OH	2"	4	8	23	2	1	1/2, 3/4	—	—
U5971-XL-100	100	10	OH/UG	C.P.	4 1/2	14 1/8	25 1/16	3	2	1	1/2, 3/4	1/4, 1/2
U5971-XL-150	150	8	OH/UG	C.P.	4 1/2	14 1/8	25 1/16	3	2	1	1/2, 3/4	1/4, 1/2
U5971-XL-200	200	8	OH/UG	C.P.	4 1/2	14 1/8	25 1/16	3	2	1	1/2, 3/4	1/4, 1/2

Notes

- **AIC Rating:** This units are rated 22K AIC.
- **Breaker interlock:** U5971 accepts breaker interlock kits — order **K5815** for large QN with small frame Q, **K5820** for large frame QN with large frame QN, or **K5830** for small frame Q to small frame Q.

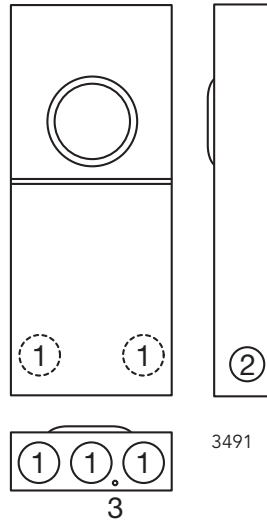
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125-200 Amps | 4 Terminals | Ringless | 120/240V



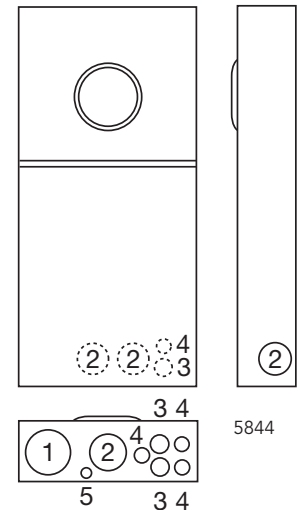
U3491-XL-200



3491



U5844-PXL-200-KK



5844

200 Amps | 4 Terminals | Meter Mains | Ringless | OH/UG | 1Ø3W

Catalog Number	Amp	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
			Line	Load		D"	W"	H"	1	2	3	4	5
U3491-XL-200	200	C.P.	#2-350	CB	None	4 $\frac{1}{8}$	12	29	2 $\frac{1}{2}$	2	$\frac{1}{4}$	—	—
U5844-PXL-200-KK	200	C.P.	#6-350	CB	Horn	4 $\frac{1}{2}$	14	30	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
U5844-PXL-200-KK-BLG	200	C.P.	#6-350	CB	Horn	4 $\frac{1}{2}$	14	30	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessory page.
- **Breaker:** For replacement breakers for **U5844** order **QN2200H**.
- **Fifth terminal:** For field installable fifth terminal kit, order **K5T**.
- **AIC rating:** The **U5844** is 22K AIC rated.
- **PXL** - Closing plate packed inside of carton.
- **Product numbers with BLG are used in AEP service areas.**



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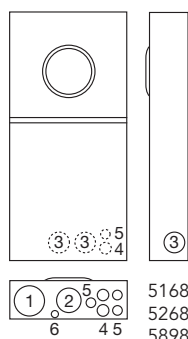
Meter Main With Load Center

15

200 Amps | 4 Terminals | Ringless | 120/240V



U5168-XTL-200-KK



U5268-XTL-200-KK

Knockouts					
1	2	3	4	5	6
3	2½	2	1	½, ¾	¼, ½

200 Amps | 4 Terminals | Meter Mains | Horn Bypass | Ringless | 1Ø3W

Catalog Number	Breaker Amps	Circuits	Service	Hub	Connectors CU/AL - Line	Dimensions		
						D"	W"	H"
U5168-XTL-100-KK	100	10	OH/UG	C.P.	#6-350	4½	14⅞	32
U5168-XTL-100-KK-BLG	100	10	OH/UG	C.P.	#6-350	4½	14⅞	32
U5168-XTL-150-KK	150	8	OH/UG	C.P.	#6-350	4½	14⅞	32
U5168-XTL-150-KK-BLG	150	8	OH/UG	C.P.	#6-350	4½	14⅞	32
U5168-XTL-200-KK	200	8	OH/UG	C.P.	#6-350	4½	14⅞	32
U5168-XTL-200-KK-BLG	200	8	OH/UG	C.P.	#6-350	4½	14⅞	32
U5268-XTL-150-KK	150	20	OH/UG	C.P.	#6-350	4½	14⅞	32
U5268-XTL-200-KK	200	20	OH/UG	C.P.	#6-350	4½	14⅞	32
U5268-XTL-200-KK-BLG	200	20	OH/UG	C.P.	#6-350	4½	14⅞	32
U5898-O-200-KK-BLG	200	8	OH/UG	C.P.	#6-350	4½	17	34½
U5898-O-100-KK-BLG	100	10	OH/UG	C.P.	#6-350	4½	17	34½

Notes

- **Fifth terminal:** For field-installed fifth terminal, order **K5T**.
- **Breakers:** Rated 22K AIC with **QN2200H** main installed for **U5168** and **U5268**.
- **Sub feed lugs:** #6-350 sub feed lugs provided on 8 circuit interior. **Not available on 20 circuit interior.**
- **Main lug kit:** Main lug feed-through kit **K3701** available.
- **XTL** - Two small hub closing plate.
- **Product numbers with BLG** are used in **AEP** service areas.

Generator Interlock — for use with U5168 and U5268

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

Branch Breaker Chart

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

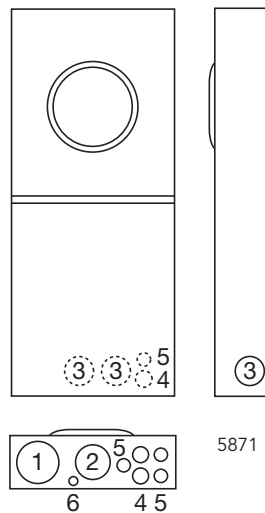
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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



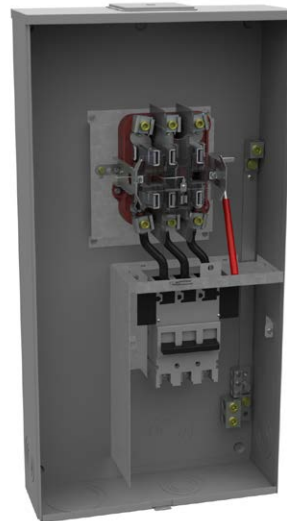
200 Amps | 4-7 Terminal | Lever Bypass | Ringless



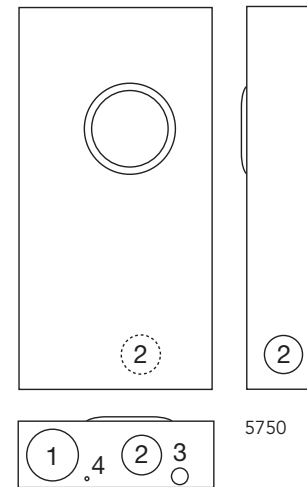
U5871-XL-200



5871



U5750-RXL-200-BL



5750

200 Amps | Meter Main | Lever Bypass | Ringless | Jaw Clamping

Catalog Number	Terminals	Breaker Amps	Service	Hub	Connectors CU/AL - Line	Dimensions			Knockouts					
						D"	W"	H"	1	2	3	4	5	6
U5871-XL-200	4	200	OH/UG	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5750-RXL-200-BL	7	200	OH/UG	C.P.	#6-350	5¾	17¾	34	4	3	1	¼	—	—

Notes

- **Breakers:** **U5871** is rated 22K AIC with **QN2200RH** main installed. **U5750** is rated 10K AIC with **UQFB-3200** main installed.
- **U5871-** Has 8 branch circuits
- **-BL:** Barrel lock
- **Fifth terminal:** For field-installed fifth terminal for **U5871**, order **K5T**.
- **Interlock kit:** For generator auxiliary circuit breaker interlock for **U5871**, order **K5815** for large **QN** with small frame **Q**; order **K5820** for large frame **QN** with large frame **QN**.



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Lever Bypass Meter Mains

320 Amps | 4 Terminals | Ringless | 120/240V



U6585-X-2/200-K3L



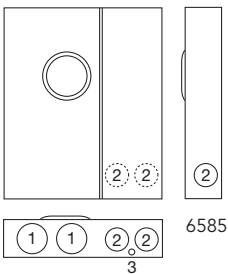
U6601-X-2/200-BL
(shown with lugs installed)



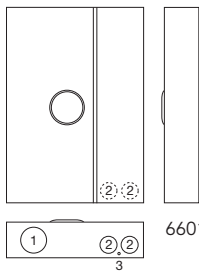
U6601-X-2/200-BLG



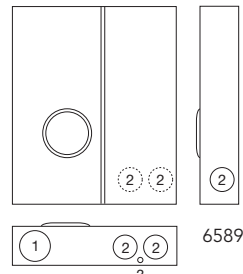
U6589-X-2/200-BL



6585



6601



6589

320 Amps | 4 Terminals | Meter Mains | Lever Bypass | Ringless | OH/UG

Catalog Number	Hub	Connectors CU/AL - Line	Breaker Amps	Branch Circuits	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
U4031-O-2/200	—	3/8" x 16 Studs	200	N/A	5 3/4	25	30	4	4	1/4, 1/2	—	—
U6585-X-2/200-K3L	C.P.	(1) #4-600 or (2) 1/0-250	200	N/A	4 7/8	15	42	3	1/4, 1/2	1/4	—	—
U6601-X-2/200-BL*	C.P.	3/8" x 16 Studs	200	N/A	6	24 1/2	35	4	2 1/2	1/4	—	—
U6601-X-2/200-BLG	C.P.	3/8" x 16 Studs	200	N/A	6	24 1/2	35	4	2 1/2	1/4	—	—
U6602-X-2/200-MLK-BL	C.P.	3/8" x 16 Studs	200	12	6	29 1/2	35	4	2 1/2	1	1/2, 3/4	1/4
U6589-X-2/200-BL	C.P.	3/8" x 16 Studs	200	N/A	5 3/4	24 7/8	30	4	3	1/2	—	—

Notes

- **AIC rating:** 22K AIC standard.
- **-MLK:** Main Lug feed-through kit **K3701** factory-installed.
- **Fifth terminal:** For field mounted fifth terminal order catalog number **K3865**.
- **Connectors:** Supplied with 3/8" x 16 hex head nuts with Belleville washers. For connector kits, order as extra **K1540** (single 600 kcmil). For twin lug connectors, order as extra **K1350** (twin 350 kcmil). The extra studs on line side is a wire stop.
- **Product numbers with BLG are used in AEP service areas (Suffix -BLG is barrel lock with gaurd.)**
- For replacement main breaker in **U5890** order Siemens QN series **QN2200H**.
- For replacement main breaker in **U5891**, order **QN2200H** (for left breaker) and a **QN2200RH** (for right breaker).
- * Barrel lock (suffix -BL)

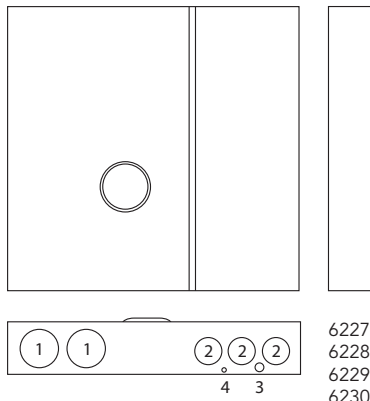
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400 Amps | 4-7 Terminals | Ringless



U6227-X-400-K3L



U6230-X-400-K7

400 Amps Meter Main | 4-5 Terminals | Lever Bypass | 1Ø3W | OH/UG | 240V

Catalog Number	Terminals	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6227-X-400-K3L	4	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6228-X-400-K3L	4	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6227-X-400-K3L-5T6	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6227-X-400-K3L-5T9	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6227-X-400-K3L-BLG	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6228-X-400-K3L-5T6	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6228-X-400-K3L-5T9	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼

Notes

- Side buss Unit: U6228
- AIC Rating: **22K AIC at 240V**
- *300 Amps breaker: Can be installed from the factory (upon request).

400 Amps Meter Main | 7 Terminals | 3Ø4W | OH/UG | 480V | Lever Bypass

Catalog Number	Hub	Connectors CU/AL	Dimensions			Knockouts			
		Line	D"	W"	H"	1	2	3	4
U6229-X-400-K7L	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6229-X-400-K7L-BLG	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼
U6230-X-400-K7L	C.P.	#4-600kcmil or (2) 1/0 - 250	6	36¼	34	4	2½	½	¼

Specifications

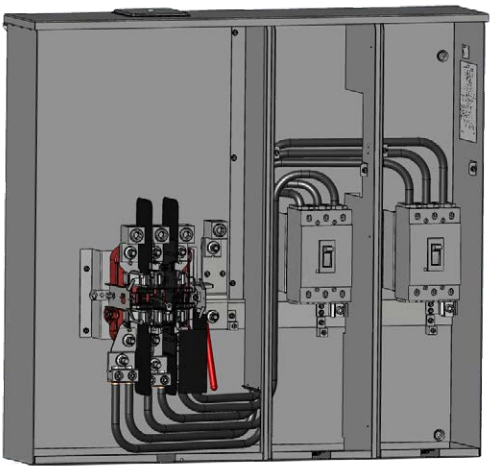
- Side buss units: U6230
- AIC rating: **22K AIC at 240V**; and 10K AIC at 480V.
- 300 Amps breaker: Can be installed from the factory (upon request).



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Meter Mains

400 Amps | 7 Terminals | Ringless



U6056-X-2/200-K7L-AMS

400 Amps Meter Main with Breakers | 7 Terminals | 3Ø4W | Ringless | 480V

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

Specifications

- U6056-X-2/200-K7L has two 200A 3Ø breakers installed.

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Cold Sequence Meter Mains

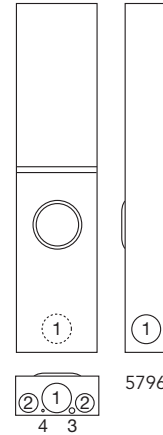
200-400 Amps | 4-7 Terminals | Ringless



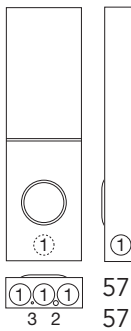
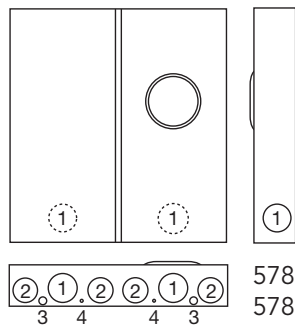
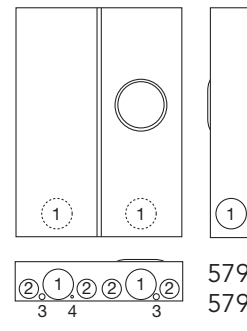
U5767-X-200-CB



U5787-O-200-CB



5796

5764 5767
57655784
57875797
5799

200 Amps Circuit Breaker Disconnect Ahead Of Meter Socket | Lever Bypass

Catalog Number	Terminals	Service	Hub	Connectors CU/AL - Load	Phase	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U5764-X-200-CB	4	OH/UG	C.P.	#6-350	1Ø3W	4 ²⁷ / ₃₂	13	43	4	2½	¼	—
U5784-O-200-CB	4	UG	Blank	#6-350	1Ø3W or 3Ø3W	4 ²⁷ / ₃₂	26	28	4	2½	¼	—
U5765-X-200-CB	5	OH/UG	C.P.	#6-350	1Ø3W or 3Ø3W	4 ²⁷ / ₃₂	13	43	4	2½	1	½, ¾
U5767-X-200-CB	7	OH/UG	C.P.	#6-350	3Ø4W	4 ²⁷ / ₃₂	13	43	4	2½	1	½, ¾
U5787-O-200-CB	7	UG	Blank	#6-350	3Ø4W	6	26	28	4	2½	1	½, ¾

400 Amps (320 Amps Continuous) Circuit Breaker Disconnect Ahead Of Meter Socket | Lever Bypass

Catalog Number	Terminals	Service	Hub	Connectors CU/AL - Load	Phase	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U5797-O-400-CB	4	UG	Blank	3/0-500	1Ø3W or 3Ø3W	6	26	36	4	2½	1	½, ¾
U5796-X-400-CB	7	OH/UG	C.P.	3/0-500	3Ø4W	6	13	56	4	2½	¼	—
U5799-O-400-CB	7	UG	Blank	3/0-500	3Ø4W	6	26	36	4	2½	1	½, ¾

Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.



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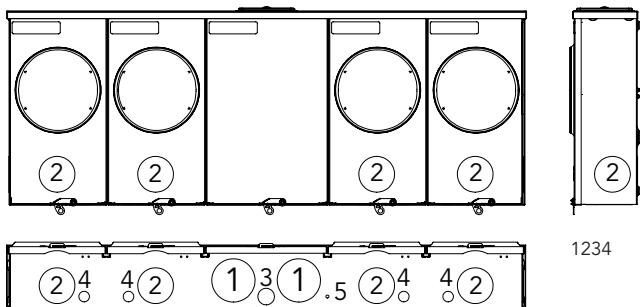
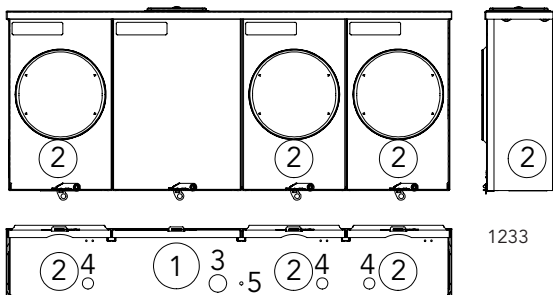
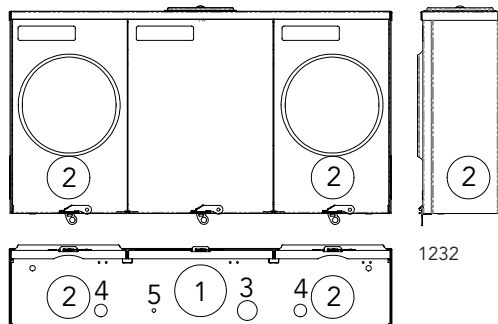
Multi-Position Sockets

21

150 Amps | 4 Terminals | Ringless | 300V



U1232-RRL-KK-K1



150 Amps per Position | 4 Terminals | Multi-Position | Ringless | Horn Bypass

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U1232-RRL-KK-K1	2	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1233-RRL-KK-K1	3	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	34 $\frac{3}{4}$	14	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1234-RXL-KK-K1	4	OH/UG	C.P.	#6-350	#6-350	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$

Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- **Fifth terminal:** For field mounted fifth terminal, order catalog number **K5T** (9 o'clock position).

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U1252-RRL-KK-K1-SLVG

200 Amps per Position | 4 Terminals | Multi-Position | Ringless | Horn Bypass

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions		
				Line	Load	D"	W"	H"
U1252-RRL-KK-K1-SLVG	2	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14
U1252-RRL-KK-K1-BLG-SLVG	2	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14
U1253-RRL-KK-K1-SLVG	3	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	34 $\frac{3}{4}$	14
U1253-RRL-KK-K1-BLG-SLVG	3	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	34 $\frac{3}{4}$	14
U1254-RXL-KK-K1-SLVG	4	OH/UG	C.P.	#6-350	#6-350	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16
U1254-RXL-KK-K1-BLG-SLVG	4	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16
U1255-RXL-KK-K1-SLVG	5	OH/UG	C.P.	#6-350	#6-350	5 $\frac{1}{8}$	54 $\frac{1}{2}$	16
U1255-RXL-KK-K1-BLG-SLVG	5	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	54 $\frac{1}{2}$	16
U1256-RXL-KK-K1-SLVG	6	OH/UG	C.P.	#6-350	#6-350	5 $\frac{1}{8}$	63 $\frac{1}{16}$	18
U1256-RXL-KK-K1-BLG-SLVG	6	OH/UG	H.O.	#6-350	#6-350	5 $\frac{1}{8}$	63 $\frac{1}{16}$	18

Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- **Fifth terminal:** For field mounted fifth terminal, order catalog number **K5T** (9 o'clock position).
- **Product numbers with BLG are used in AEP service areas.**



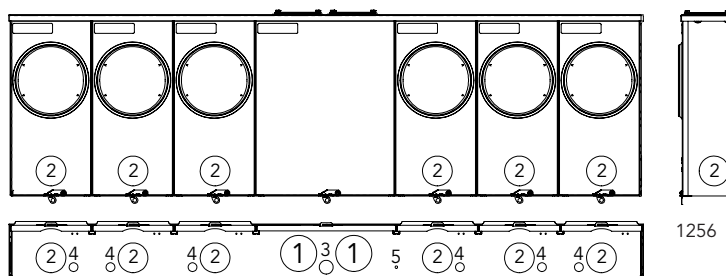
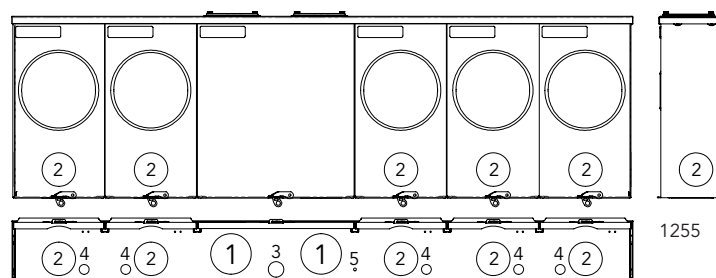
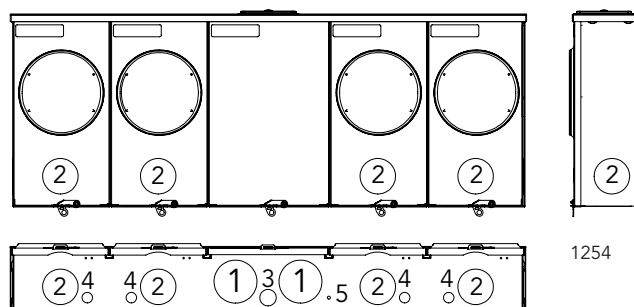
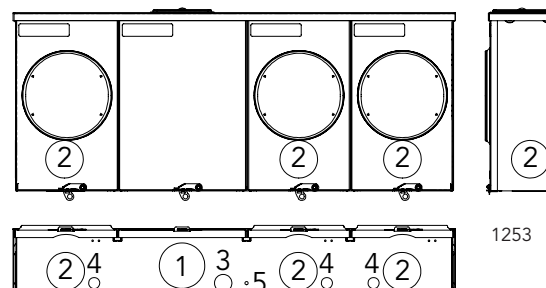
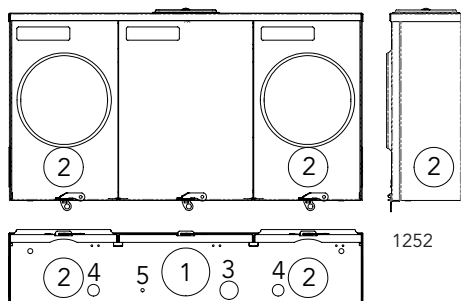
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Multi-Position Sockets

23

Knockout information

Knockouts				
1	2	3	4	5
3	2½	1	½	¼

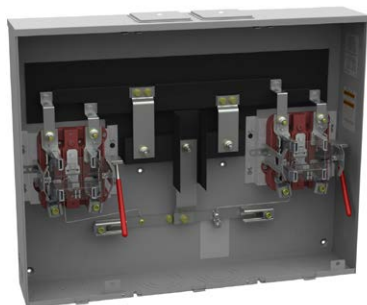


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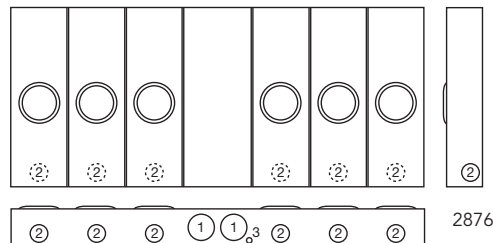
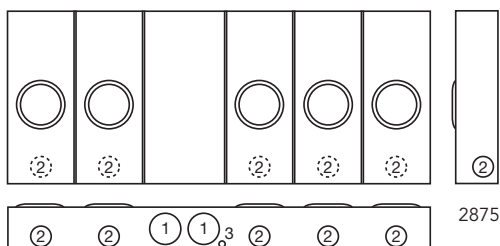
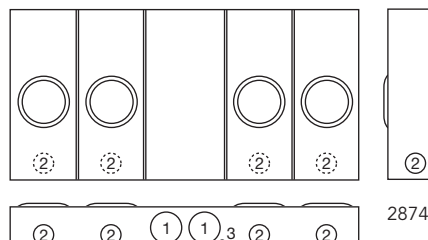
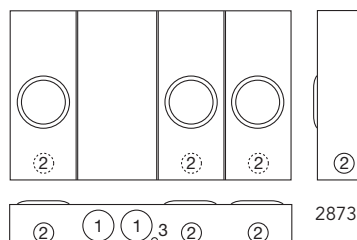
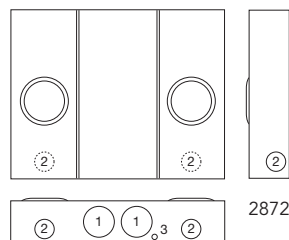


Lever Bypass Multi-Position Sockets

200 Amps | 5 Terminals | Ringless | 600V



U2873-XT



200 Amps per Position | 5 Terminals | Lever Bypass | Multi-Position | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U2872-XT	2	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	32 1/8	25 1/4	4	2 1/2	1 1/4, 1 1/2
U2873-XT	3	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	42 3/16	25 1/4	4	2 1/2	1 1/4, 1 1/2
U2874-XT	4	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	52 1/4	25 1/4	4	2 1/2	1 1/4, 1 1/2
U2875-XT	5	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	62 5/16	25 1/4	4	2 1/2	1 1/4, 1 1/2
U2876-XT	6	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	72 3/8	31 1/4	4	2 1/2	1 1/4, 1 1/2

Notes

- **Hubs:** Units supplied with two closing plates. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Connector Kits:** For line side connector kits, order as extra **K1539** (350 kcmil), **K1540** (600 kcmil), twin **K1350** (350 kcmil), twin **K1541** (600 kcmil). Line connectors can be reversed to change from "OH" to "UG" service. For line side connector lug kits, order as extra from chart on the accessories page.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.

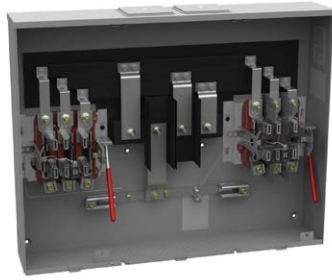


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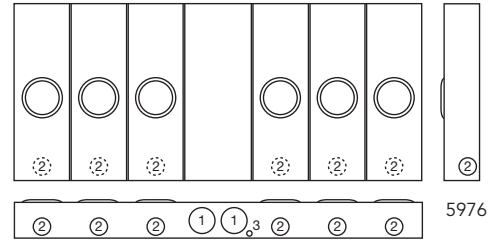
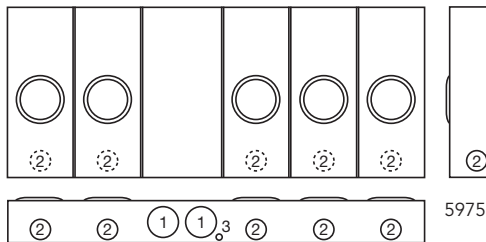
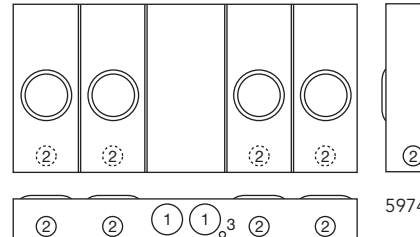
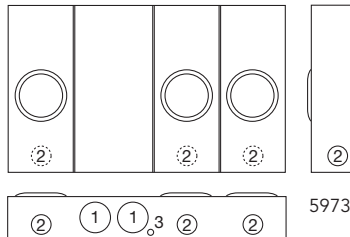
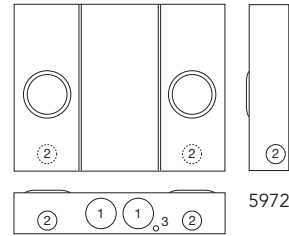
Lever Bypass Multi-Position Sockets

25

200 Amps | 7 Terminals | Ringless | 600V | 3-Phase



U5972-XT



200 Amps per Position | 7 Terminals | Multi-Position | Lever Bypass | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U5972-XT-5T9	2	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	32 1/8	25 1/4	4	2 1/2	1/4, 1/2
U5973-XT-5T9	3	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	42 3/16	25 1/4	4	2 1/2	1/4, 1/2
U5974-XT-5T9	4	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	52 1/4	25 1/4	4	2 1/2	1/4, 1/2
U5975-XT-5T9	5	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	62 5/16	25 1/4	4	2 1/2	1/4, 1/2
U5976-XT-5T9	6	OH/UG	(2) C.P.	3/8" x 16 Studs	#6-350	6	72 3/8	31 1/4	4	2 1/2	1/4, 1/2

Notes

- **Hubs:** Units supplied with two closing plates. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Connector Kits:** For line side connector kits, order as extra **K3082** (350 kcmil), **K3441** (600 kcmil), twin **K3442** (350 kcmil), twin **K3083** (600 kcmil). Line connectors can be reversed to change from "OH" to "UG" service.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.

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26

Multi-Position Meter Mains

125-200 Amps | 4 Terminals | Ringless | 120/240V | 22K AIC



U5882-X-KK-BLG



U5884-X-KK-BLG

Rating kAIC	Circuit Breaker 125A
10	SIEMENS: QP CUTLER-HAMMER: BR, HQP, QHP, QPGF SQUARE D: HOMELINE. GE.: (50AMP.MAX.) THQL, THQL-GF
22	SIEMENS: QPH
150-200 AMPS	
10	SIEMENS: QN
22	SIEMENS: QNH

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

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

200 Amps per Position | 4 Terminals | Multi Position Meter Main | Ringless | OH/UG

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

Notes

- **Knockouts:** See drawings on the next page.
- **Optional:** Factory-installed breakers are available - consult factory.
- **AIC Rating:** All models are rated 22K AIC when used with approved breakers rated at 22K.
- **Hub:** Units supplied with one (1) closing plate. Order hubs separately, see 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 the accessories page. Separate lug kits are required for line and load.



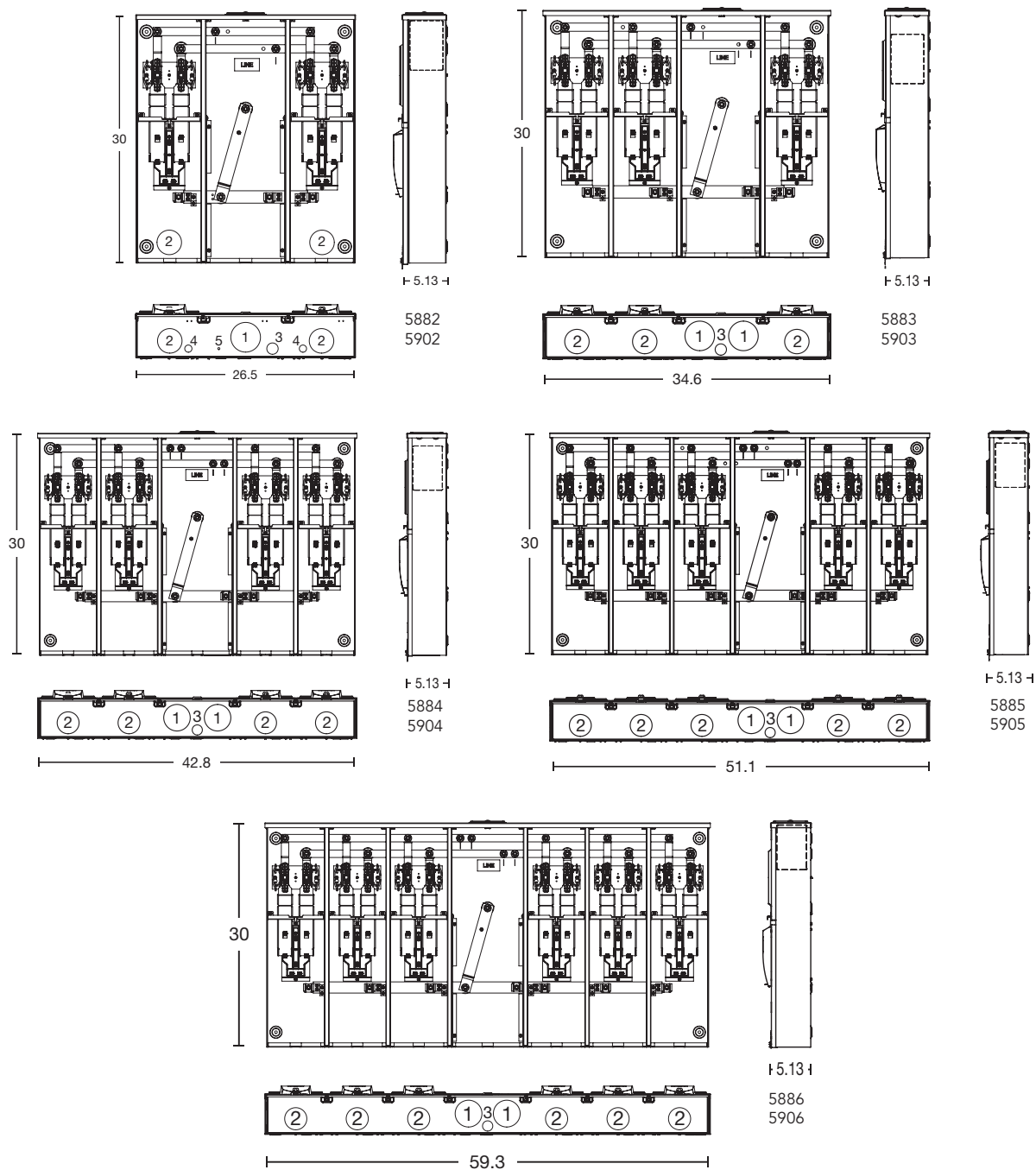
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Multi-Position Meter Mains

27

Dimensional Information

Knockouts				
1	2	3	4	5
3	2½	1	7⁄8	¼

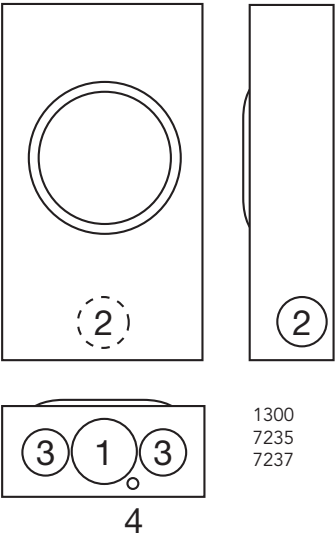


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UC7235-RL



One-piece Cover | Overhead/Underground | Ringless

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
UC1299-RL	6	H.O.	4S	#14-#4 MAX	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC7235-RL	8	H.O.	5S	#14-#4 MAX	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC7237-XL	13	C.P.	6, 8, 9	#14-#4 MAX	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼

One-piece Cover | Overhead/Underground | Ring Type

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
UC1300-RL	6	H.O.	4S	#14-#4 MAX	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.

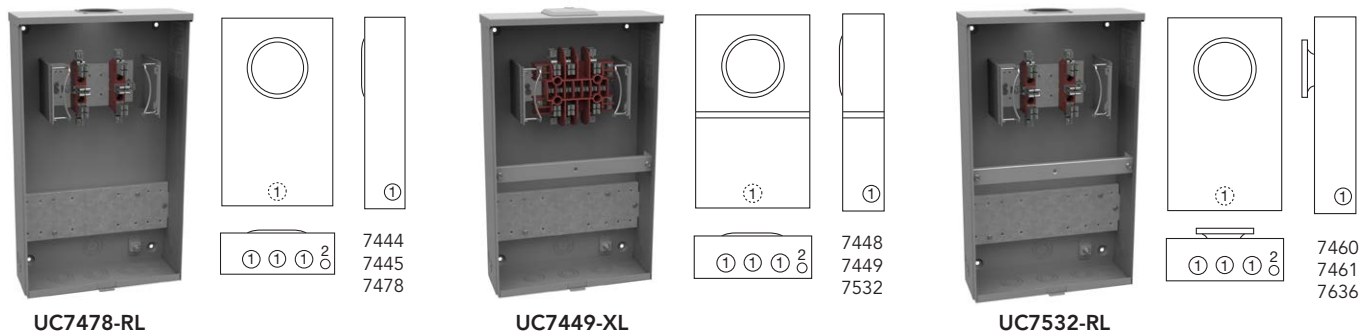


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Transformer Rated

20 Amps | Test Switch Provision

29



One-piece Cover | Ringless | Overhead/Underground | With Test Switch Provision

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7478-RL	6	H.O.	4S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7444-RL	8	H.O.	5S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7445-RL	13	H.O.	6, 8, 9	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7445-WL	13	1 in	6, 8, 9	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7445-RL-641*	13	H.O.	6, 8, 9	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7445-RL-791	13	H.O.	6, 8, 9	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$

*Pre-wired per Lebanon specifications

Two-piece Cover | Ringless | Overhead/Underground | With Test Switch Provision

Ringless Catalog Number	Ring Type Catalog Number	Terminals	Meter Form	Hub	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7532-RL	UC7636-RL	6	4S	H.O.	#14 - #4 Max	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7448-RL	UC7460-RL	8	5S	H.O.	#14 - #4 Max	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
UC7449-RL	UC7461-RL	13	6, 8, 9	H.O.	#14 - #4 Max	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$

Notes

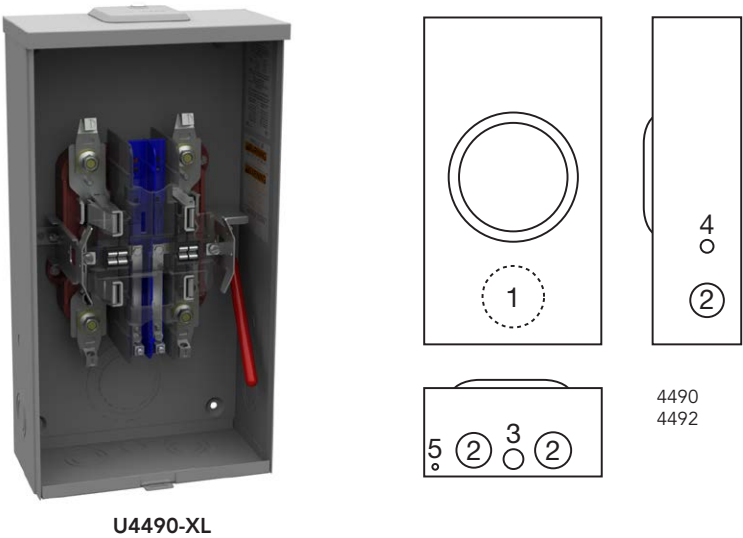
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Sealing rings:** Ring type units are supplied with one MR-2, snap type, sealing ring.
- **Prewiring:** Factory prewiring available.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "S" (i.e., UC7445-XL becomes S7445-XL). The "S" prefix also designates non-U/L.

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Lever Bypass Transformer Rated

80 Amps | 6-13 Terminals



80 Amps | Ringless | Transformer-Rated | Lever Bypass | No Test Switch Provision

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts				
						D"	W"	H"	1	2	3	4	5
U4490-XL	6	OH/UG	C.P.	4S	#14 - #4 Max	4 ⁷ / ₈	10	18 ¹ / ₂	3	1 ¹ / ₂	1/2, 3/4	3/4	1/4
U4492-XL	8	OH/UG	C.P.	5S	#14 - #4 Max	4 ⁷ / ₈	10	18 ¹ / ₂	3	1 ¹ / ₂	1/2, 3/4	3/4	1/4
U4493-XL	13	OH/UG	C.P.	6, 8, 9	#14 - #4 Max	4 ⁷ / ₈	10	18 ¹ / ₂	3	1 ¹ / ₂	1/2, 3/4	3/4	1/4

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Bypass:** Lever operates current bypass device and also supplies clamping action on current meter spades.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max).

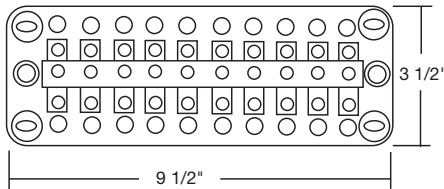
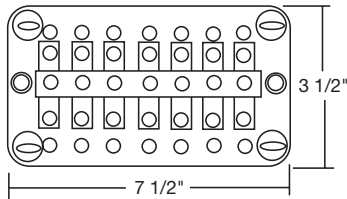
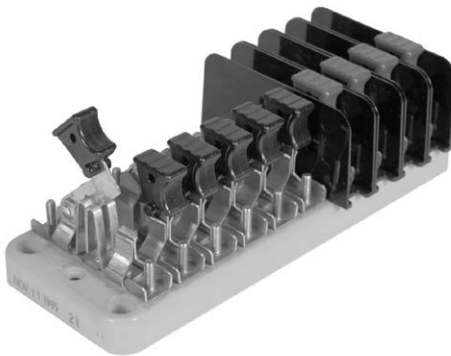


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Test Switches

4-, 7- and 10-Pole

31



Key

P	Potential Switch
C+	Line side current switch with short circuit assembly
C	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral Potential Switch
X	Unused Position on base
	Insulating barrier, isolates both sides of switch

Catalog Number	4-Pole						
TS04-0101	X	P		X	C+	C	X
TS04-0102	X		C+	C	X	Pn	X
TS04-0103	X	P		X	C	C+	X
TS04-0104	X	C+	C	X	P		X

Notes

- 4-pole switches are also available on 10-pole bases. Contact Milbank for appropriate catalog numbers.

Catalog Number	7-Pole						
TS07-0105		P		C+	C	C+	C
TS07-0106		C+	C		C+	C	
TS07-0107		P		C	C+	C	C+
TS07-0108	C+	C	C+	C		P	

Notes

- 4-pole switches are also available on 10-pole bases. Contact Milbank for appropriate catalog numbers.

Catalog Number	7-Pole on a 10-Pole Base								
TS07-0049		X		X		X	C+	C	C+
TS07-0018		X		X		X	C+	C	C+
TS07-0059	X		C+	C		C	C+		X
TS07-0022	P	X	P	X	Pn	X	C	C+	C

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

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Customer Name: _____

Email: _____

Phone: _____

Handle Color Key

BK	Black	P	Purple	Y	Yellow	GN	Green
R	Red	BL	Blue	W	White	BKS	Black Stripe
BR	Brown	GR	Gray	O	Orange	WS	White Stripe

TEST SWITCH BASE

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

Pole Position Chart

1	2	3	4	5	6	7	8	9	10

Special Features

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

Engineering Information: _____

Key	
P	Potential Switch
C+	Line side current switch with short circuit assembly
C	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral Potential Switch
X	Unused Position on base
L	Insulating barrier (one side)
□	Insulating barrier (two sides)

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

Number of Poles

- ☐ 4
☐ 7
☐ 10
☐ Other _____

Test Switch Cover (only available for 10-pole bases)

- ☐ Yes | Clear ____ Black ____
☐ No

Base Size

- ☐ 7-Pole
☐ 10-Pole



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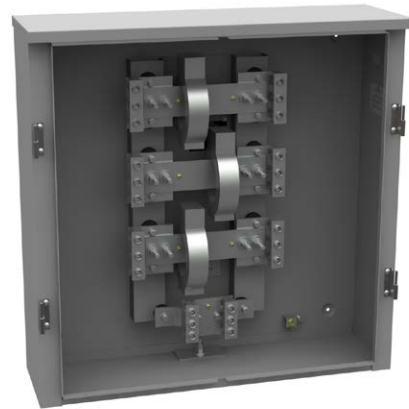
Current Transformer Cabinet

33

Panel Enclosure | Type 3R



304410-CTC3R



U5990-O

Outdoor Transformer Cabinets | NEMA 3R

Catalog Number	Dimensions			Gauge of Steel	Board Size		CT Mounting Provisions	# of Doors	Latching Type
	D"	W"	H"		W"	H"			
U4408-O	14	40	40	12	40	40	Wood	2	3 point latch
U4410-O	12	32	24	14	28	20	Wood	1	Flip latch
S4019-O	10	32	24	14	24	16	Wood	2	3 point latch
S4020-O	10	36	32	14	28	24	Wood	2	3 point latch
S4399-O	10	24	18	14	16	10	Wood	2	3 point latch
S4400-O	10	44	30	14	36	22	Wood	2	3 point latch
304410-CTC3R	10	44	30	12	—	—	None	2	Hasp
243210-CTC3R	10	32	24	14	—	—	None	2	Hasp
363612-LC3R-SP-WB	12	36	36	14	33	33	Rails	1	Wing handle
484812-CT3R-WB	12	48	48	14	44	44	Rails	2	3 point latch
U5990-O	10	36	36	12	CT mounting rack included			2	3 point handle

Notes

- **Features:** Supplied with solid back board when noted, three point locking handle, lift off hinges with stainless steel pins and padlock provisions.
- **U5990-O:** is 3Ø with a 50K RMS rating, and has a wire range of #4-600 kcmil
- Units with U Prefix are UL-listed.

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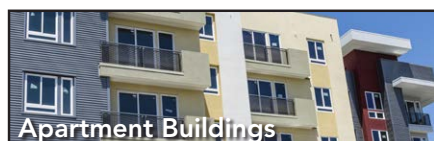


Features

- **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.
- **Multi-port ground lugs**
- **Optional Penta bolt Secured Handle available** (see pics below): Enclosure handle can be included with an optional penta bolt locking mechanism (see photos below) for enhanced protection.



Common Applications



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

Stainless steel pad-mount spacing brackets included

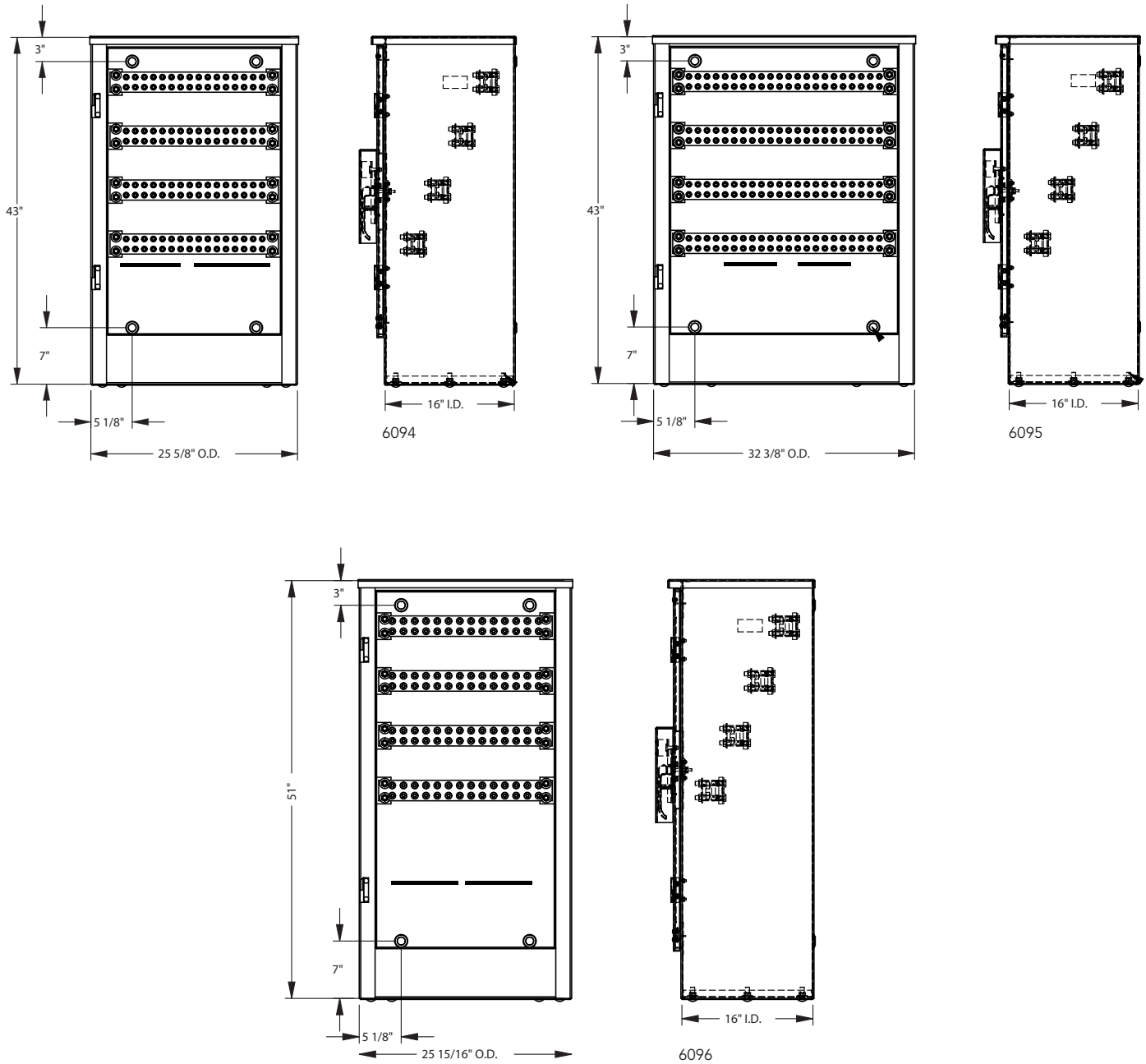


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Multi-Position Tap Box

Line Drawings

35

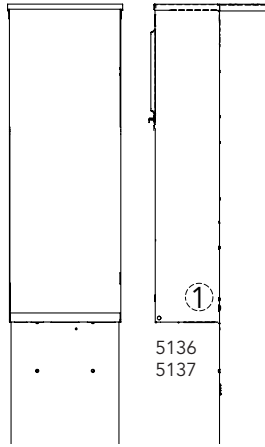


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U5136-O-200S

5136
5137

U6220-O-200-KK-10GR

Breaker Chart U5136 and U5137

AIC Rating	Large Frame Main Breaker	Small Frame Branch Breakers
10k	UQFP-M	SIEMENS: QP, QT CUTLER-HAMMER: QP, BD, BR; GE.: TQ, THQ, THQL SQUARE D: HOM115, HOM2100
22k	UQFPH-M	QPH

Breaker Chart U6220

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

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

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

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

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

Notes

- **Parallel to series conversion:** For field converting from parallel wired to series wired order **K5194**.
- **Fifth terminal:** For field-installed fifth terminal, order **K5T**.
- **Stabilizer foot:** For field-installed stabilizer foot, order **K5415**.
- **Penta bolt locking:** For field-installed pedestal fronts penta bolt locking, order **K5039**.
- **Receptacles:** Consult factory for installed receptacle assemblies.
- **Short circuit current rating:** 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- Receptacle Bridge is ordered separately on part# **K5400-BRIDGE-2POS**.
- Contact factory for receptacle configurations available.
- Pedestals with -10GR suffix include a 20 Amps GFI receptacle.



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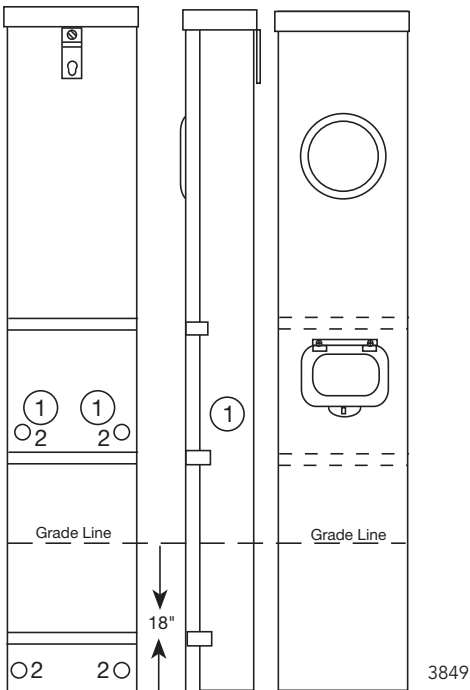
Meter Main Pedestal

37

320 Amps | 4 Terminal | Ringless | 120/240V



U3849-O-2/200



320 Amps | 4 Terminals | Meter Main Pedestal | Ringless | 120/240V

Catalog Number	Service	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U3849-O-2/200	UG	Blank	Lever	3/8" x 16 Studs	1/0-300	4 7/8	13	64	2	1/2, 3/4	1/4

Notes

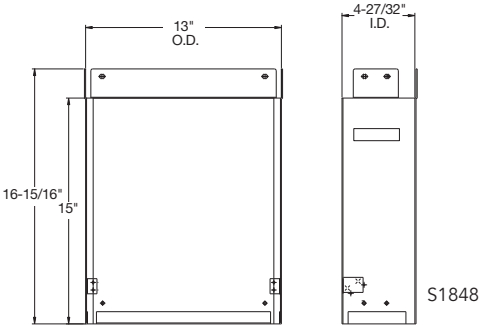
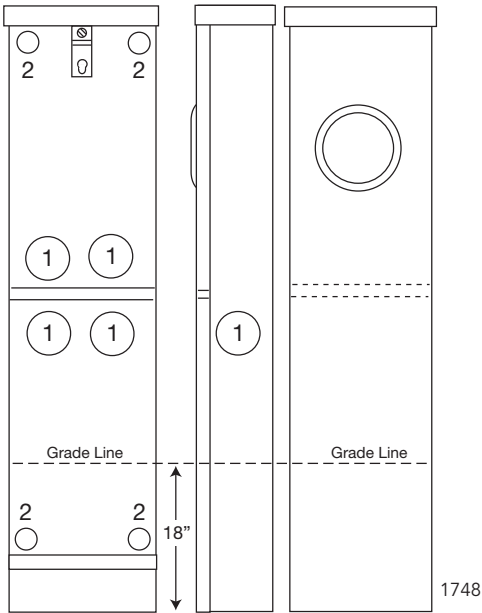
- **Breakers:** Supplied from factory with 2 double-pole, Milbank **UQFB** or **UQFBH** (22K AIC) bolt-on circuit breakers.
- **Connectors:** The line wire section is supplied with 3/8"-16 studs with hex nuts and captive Bellville washers. For line side connectors, order as extra catalog numbers **K1539** (single-350 kcmil), or **K1540** (single-600 kcmil), or for twin **K1350** (twin 350 kcmil). Order one kit per unit.
- **Extension kit:** For extension kit, order as extra catalog number **S1848**.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Short circuit current rating:** These units 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.

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U1748-O



320 Amps | Ringless | 600V

Catalog Number	Service	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts	
				Line	Load	D"	W"	H"	1	2
U1748-O	UG	Blank	Lever	#6-350	(2)#6-350	4 ⁷ / ₈	13	64	2 ¹ / ₂	5 ¹ / ₁₆

Notes

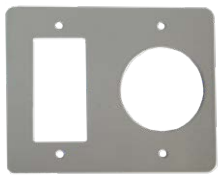
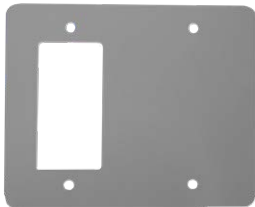
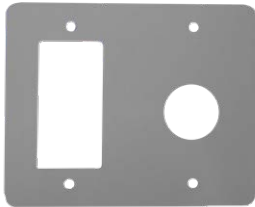
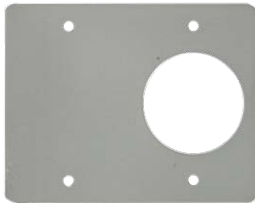
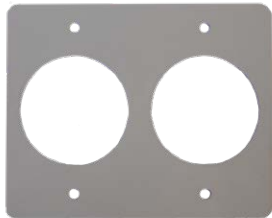
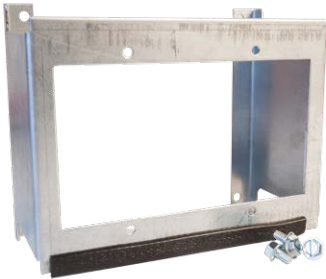
- **Connectors:** On the U1748-O the connectors K1539 (single-350 kcmil) are factory-installed on the line side. Load side is furnished with K1350 (twin-350 kcmil).
- **Extension kit:** For extension kit, order as extra catalog number S1848.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Hanging hook:** Units supplied with hanger hooks for easy mounting.
- **Short circuit current rating:** These units are rated 22K AIC. Watthour meter not included in short circuit current rating.



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Device Plates

U5136 and U5137

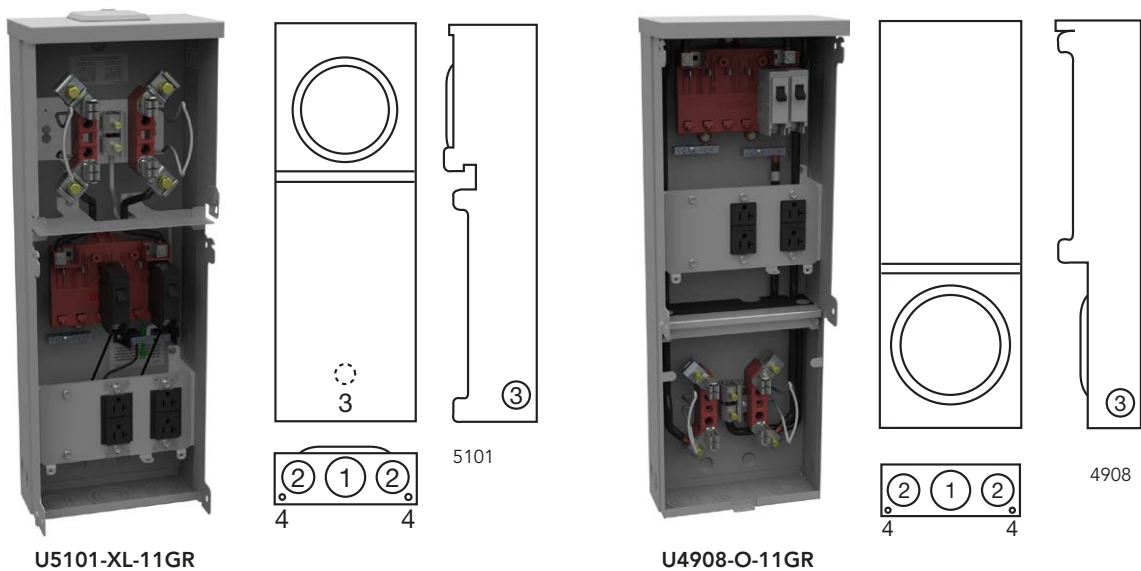
		
K5935-41	K5935-10GR	K5935-11GR
		
K5935-36GR	K5935-54	K5935-2/1450
		
K5400-BRIDGE-2POS		

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Temporary Power Units

125 Amps | 4 Terminals | Ringless | 120/240V



125 Amps | 4 Terminals | Temporary Power Units | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U5101-XL-11GR	OH	C.P.	#6-350	#6-350	5 ³ / ₁₆	8 ⁷ / ₈	25	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U4908-O-11GR	UG	Blank	#6-2/0	#6-2/0	5 ³ / ₁₆	9	25 ¹⁵ / ₁₆	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄

Notes

- **Interior:** Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- **Receptacle bridge:** Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- **Included parts:** U4908 and U5101 come supplied with 2-20 Amps single pole breakers and 2-20 Amps GFCI receptacles installed and pre-wired.

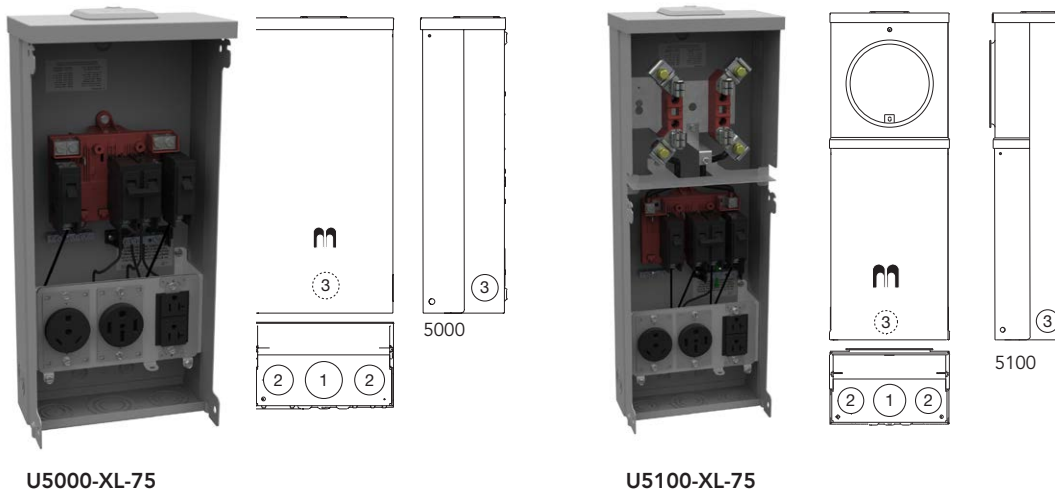


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Surface-mount Power Outlet

41

Millennium Series | Metered and Unmetered | 120/240V



U5000-XL-75

U5100-XL-75

125 Amps | Surface-mount Power Outlets | Ring Type

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

* Comes with circuit breaker bridge

For easy read meter see the accessory pages for **CL200** analog or **CL200-D** digital meter.

Receptacle Configurations

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

Circuit Breaker Configurations

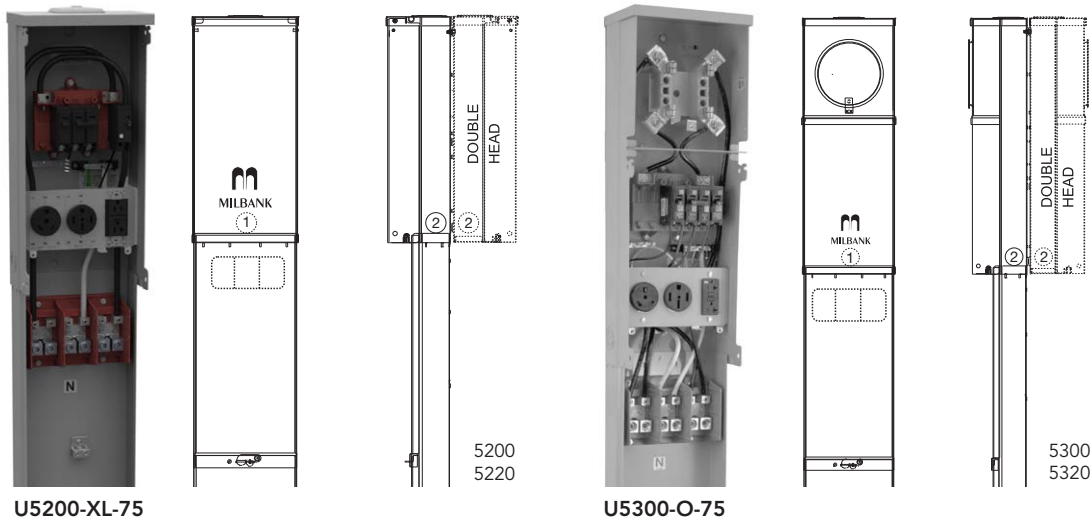
X	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

NOTE

Contact factory for additional configurations not shown here.

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U5200-XL-75

U5300-O-75

125 Amps | Power Outlet Pedestals | Direct-Burial | Ring Type

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

Receptacle Configurations

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

*Circuit Breaker Bridge included

Circuit Breaker Configurations

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

NOTE

Contact factory for additional configurations not shown here.

Pad-mount is available - contact factory for information.



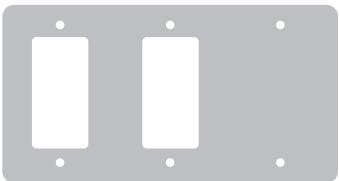
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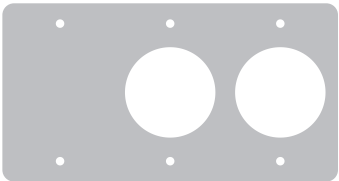
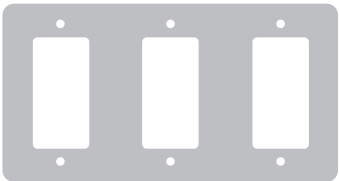
Replacement Receptacle Plates

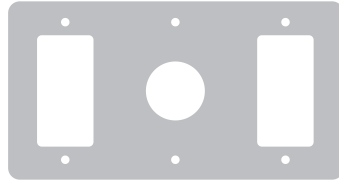
43

For Millennium Series Products

		
K5920-75	K5920-10GR	K5920-54

		
K5920-11GR	K5920-522	K5920-41

		
K5920-58	K5920-111GR	K5920-BLANK


K5920-38

Notes

- For application details, consult factory.

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Lighting Accessories

For Millennium Series Products

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

Application	Internal light kit for unmetered 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 unmetered power outlet is 19 1/8" in height.	
Ordering	Order with -LD suffix (after catalog number) for factory-installed. Order catalog number K6212 for field-installed.	

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

Application	Internal light kit for unmetered power outlets	
Fluorescent Features	Includes 5-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 unmetered power outlet is 19 1/8" in height.	
Ordering	Order with -L suffix (after catalog number) for factory-installed. Order catalog number K5411 for field-installed.	

Photoelectric Light Control Kit

Application	Photoelectric light control kit for K5411 light kits.	
Features	2.5 Amps, 120V photo electrical control wired in series with K5411 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.



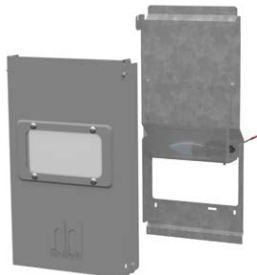
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Lighting Accessories

For Millennium Series Products

45

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 5-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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Telephone and Cable TV Kit

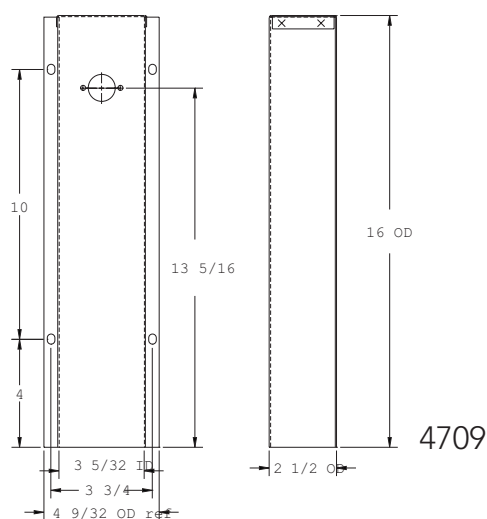
Application	Mounts to rear of pedestal series U5200 and U5300 . May also be adaptable to a wooden or similar structure.	
Features	Single: 16" galvanized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack. Dual: 16" galvanized raceway, (2) RJ11 telephone jacks and (1) Type F coaxial CATV jack. Includes mounting hardware and instructions.	
Ordering	Single line telephone and cable TV kit order 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	Includes mounting hardware and instructions. Matches K4709 kits when mounted side-by-side.	
Ordering	Order catalog number K4709-WS .	



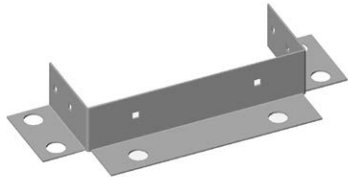
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Pedestal Mounting Accessories

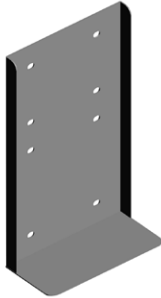
47

For Millennium Series Products

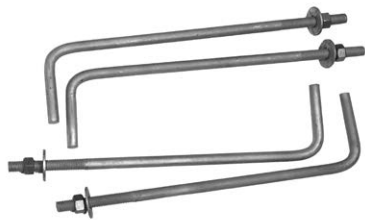
Field-installed Pad-mount Kit

Application	Field-installed pad-mount kit with (6) ¾" mounting holes.	
Features	Includes ¼-20 stainless steel hardware to attach pad-mount base to post. Anchor bolt kit sold separately (order catalog number 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	(4) sets of zinc-plated 5/8-11 x 10" bolt with 2" toe. Includes nut and flat washer.	
Ordering	Order catalog number K5421 .	

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Field-installed Meter Kits

Application	Field-installed meter kit for U5000 and U5200 power outlets.	 K4800-D
Features	100 Amps cast meter socket, CL200D E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws. See CL200D for Watthour meter specification.	
Ordering	Order catalog number K4800-01D mechanical meter kit, or 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.	 CL200-D Digital
Features	200 Amps form 2S 120/240V. Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available. 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 boatyard equipment.			
Features	Type 3R, 120/240V single phase. 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-13 30A TT-30R 120V	 P-54 50A 14-50R 120/240V	

WARNING!

Always disconnect power prior to installing these devices.



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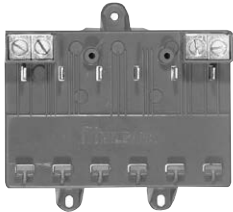
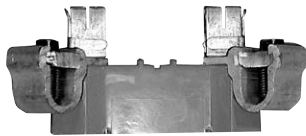
Replacement Parts & Accessories

49

For Millennium Series Products

			
Q120 20 Amps, 1 pole circuit breaker	708784-MO 20 Amps, 1 pole GFI circuit breaker	Q130 30 Amps, 1 pole circuit breaker	Q250 50 Amps, 2 pole circuit breaker

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

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

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UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFBH

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

Amps	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

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

Notes

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



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Circuit Breakers

QP (Small Frame) and QN (Large Frame) | 120/240V

15–125 Amps Breaker

Plug-In Type | One-inch Per Pole

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



QN2200H



QN2200RH



WBJ2200



Q250

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

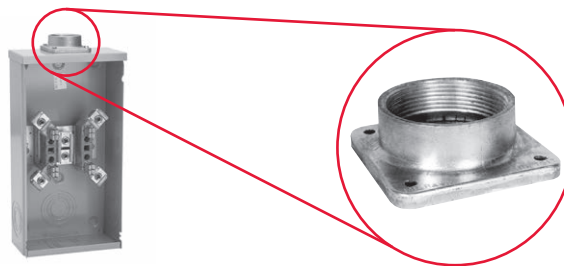
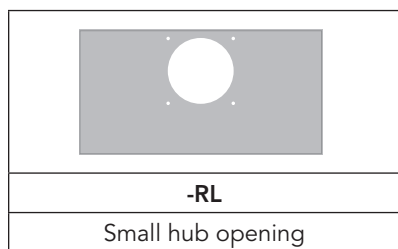
Amps	10K AIC Plug-In	22K AIC Plug-In	Handle Location	Wire Range	
				CU	AL
150	QN2150	QN2150H	Left facing	#4-300	#4-300
200	QN2200	QN2200H	Left facing	#4-300	#4-300
150	QN2150R	QN2150RH	Right facing	#4-300	#4-300
200	QN2200R	QN2200RH	Right facing	#4-300	#4-300
150	WBJ2150	—	Centered	#2-300	#2-300
200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

Notes

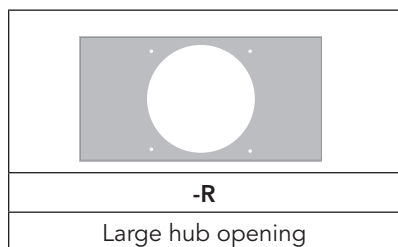
- Load connectors supplied with breakers.
- UL-listed for use with 60°C or 75°C wire.
- Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.

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-WL A7514	-YL A7515	-ZL A7516	-DL A7517	-EL A7518	-XL A7551
1" hub	1 1/4" hub	1 1/2" hub	2" hub	2 1/2" hub	Small closing plate



-F A8110	-G A8111	-H A8112	-X A9064	-RRL S8324	-RXL S8324 A7551
3" hub	3 1/2" hub	4" hub	Large closing plate	Large hub opening adapted to small hub opening	Large hub opening adapted to small closing plate

Notes

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



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Connector Kits, Closing Kits and Generator Interlock

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

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

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

Bypass Link



Note

Consult factory for proper connector kits for studded meter sockets.

Closing Covers

	
Meter Closing Plate (Ring Type / Ringless)	Metal Closing Plate (For Ringless Sockets)
6003 - Gray Plastic	CP-21
6116 - Clear Plastic	
6002 - Clear Plastic	

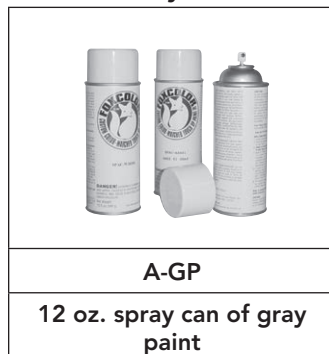
Disconnect Sleeve



Isolated Neutral Kit

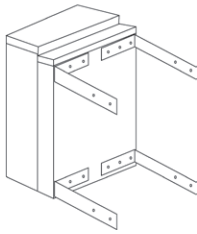


ANSI-61-Gray



Pole Hanger Kit

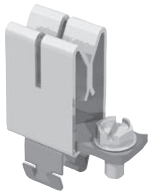
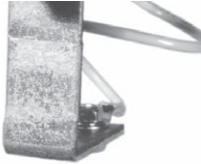
850 comes with 4 pole hangers

	
Catalog Number	Description of pole hanger brackets
850	Two pair (4 pieces) with mounting hardware

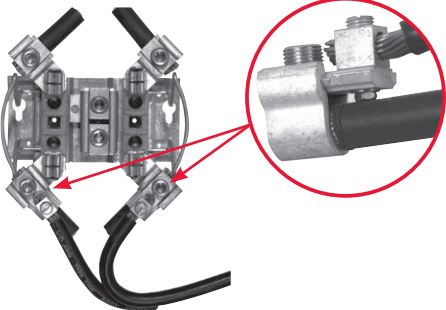
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*Fifth Terminals, Tap Connectors and Block Assemblies***Fifth Terminals**

			
5T8K2 - 100-200 Amps "Plug-In"	K5T - 200 Amps (Block with Square Hole)	K3865 - Heavy Duty Jaw Clamping (K3866 without Neutral Wire)	K3356

Tap Connectors (3 per set)

	Replaces the load or line side slide-in nut assembly on Milbank 200 Amps sockets. Allows for a 100 Amps tap location in addition to the #6-350 kcmil load-side connector. K5022 includes safety barrier extensions for applications over 300V. Three lugs per kit.
K4977-INT - Internal Hex Wire Range #12 - 1/0	
K4977-EXT - External Hex Wire Range #12 - 1/0	
K5022-INT - Internal Hex (set of 4 w/ barrier) Wire Range #12 - 1/0	

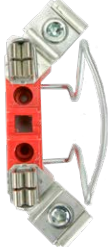
Triplex Ground


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

100 Amps Blocks (single sockets only)


BL7474 - Block Assembly
BL7499 - KK Block Assembly
Z904486-AO - Slotted Nut Assembly
Z802965-AC - Neutral without Nut
Z901925-AC - Hex Nut Set Screw

200 Amps Blocks (single sockets only)


K4527 - Internal Hex Block Assembly (w/ meter support)
K4528 - External Hex Block Assembly (w/ meter support)
Z916265-AO - Internal Hex Slide Nut Assembly
Z916264-AO - External Hex Slide Nut Assembly
Z814898-AC - Neutral without Nut

Power Distribution & Controls

55

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

Milbank Power Distribution & Controls

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



Strut and Backboard

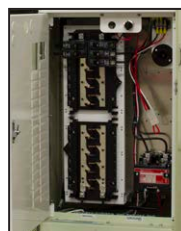


Commercial Pedestal

UL-listed as Industrial Control Equipment (File E113855)

Standard Features

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



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Applications

These units are ideal for controlling and metering:

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

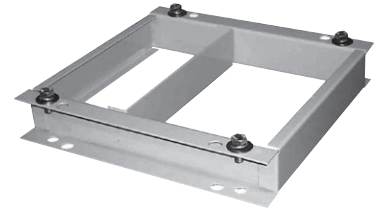
Available Factory-Installed Options

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

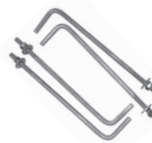
Options

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

Accessories



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



CP-ABK5/8

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



105J

Fifth Terminals kit for
use with ring type
meter sockets



K3865

Fifth Terminals kit
for use with ringless
meter sockets



CP-TC7D

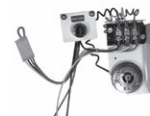
7-day time clock kit

CP-TC24H

24-hour time clock kit

CP-TCWIRE

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



CP-PE-HOA-3POS

HOA switch for field
installation



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Surface-Mount Compact Design

Surface-Mount

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

Features

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



Benefits

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

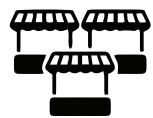
Applications



Communications
Power Distribution



Lighting
Control



Streetscape
Power Distribution

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Application: Remote site service for multiple loads

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

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

If your application requires turning loads on based on “dusk-to-dawn” requirements, be sure to see the Milbank Switched Load Center Commercial Pedestal products on the following page.

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a 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

Switched Load Center Commercial Pedestals

1Ø3 wire 120/240V or 208Y/120V

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

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a 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.

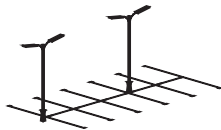


Ringless Lever Bypass shown

Applications



Traffic Signals



Parking Lots



Highways



Athletic Field Lighting

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

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

Features

These units include everything required for remote service:

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

Applications



Commercial Job Sites



Remote Site for
Residential and
Commercial Job Sites



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Battery Backup Commercial Pedestals



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

Features

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

Note

- May require customization based on regional requirements.

Applications



Camera and Security Locations



Parking Lots



Traffic Signals



Communications Power Distribution

Options

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> • Manual bypass switch • Transfer switch for generator power backup • Generator inlet receptacles 30 Amps through 200 Amps • Pad-lockable provision for receptacles | <ul style="list-style-type: none"> • Police access door • Metered load center distribution • Unmetered load center distribution • Photo electric controls (for street lighting) • Time clocks • HOA switches | <ul style="list-style-type: none"> • Contactors • GFCI duplex receptacles • Thermostat for heating control • Heating pads or elements • Roll out shelves for batteries • Surge arresters and lighting arresters |
|--|--|---|

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

Features

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

Note

- May require customization based on regional requirements.



Applications



Traffic Signals



Pump and Lift
Stations



Communications
Power Distribution



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CT Metered Commercial Pedestals



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

Features

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

Note

- May require customization based on regional requirements.

Applications



Commercial &
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. This allows maximum flexibility to install the pedestal anywhere physical space is at a premium.

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

Features

- Available for 100 or 200 Amps.
- Vandal-resistant, secure and attractive design.
- Customer compartment with distribution and control equipment with swing deadfront door, secured with both a hasp/latch and draw latch outer door.
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism.
- Slim design creates a smaller footprint.
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back as close as 14" to walls or structures.
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (unmetered) heights. Includes a print pocket for plans and drawings.
- Voltage range is between 120V and 480V.
- Compatible with both ringless and ring type meter sockets, 4–7 terminals.
- Available in a wide array of colors, including but not limited too all ANSI powder coated paint colors upon request.
- Pedestal mounting base option saves time and labor to install on a cement pad—no anchor bolts required.
- Powder coated G90 galvanized steel or aluminum; raw, anodized or powder coated, as well as stainless steel exterior options.



Notes

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

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

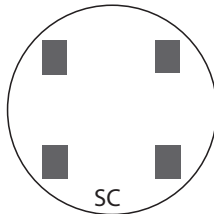


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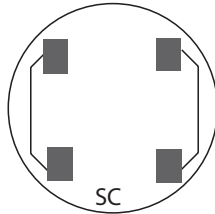
Watthour Meter Forms

65

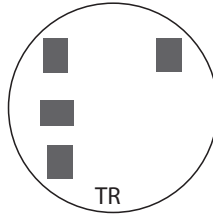
Standard Forms | Transformer Rated or Self-Contained



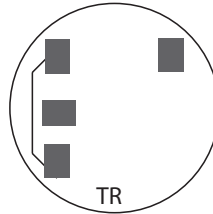
2 and 3-WIRE FORMS
1S & 2S



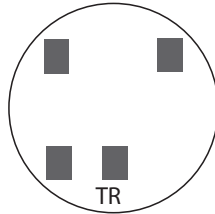
2 and 3-WIRE FORMS
1S & 2S with BYP ASS



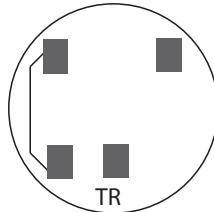
2-WIRE FORM 3S
5th Term. 9 o'clock



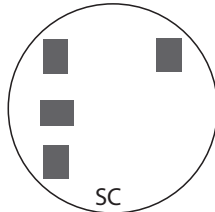
2-WIRE FORM 3S
with BYP ASS



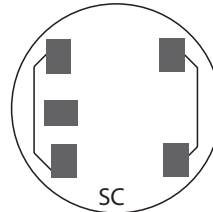
2-WIRE FORM 3S
5th Term. 6 o'clock



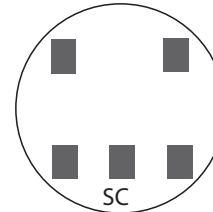
2-WIRE FORM 3S
with BYP ASS



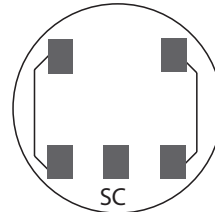
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 9 o'clock



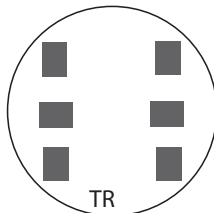
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYP ASS
5th Term. 9 o'clock



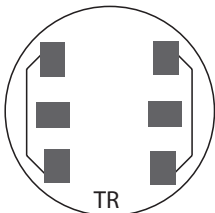
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



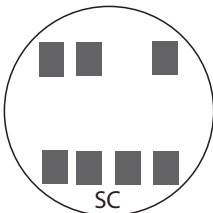
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYP ASS
5th Term. 6 o'clock



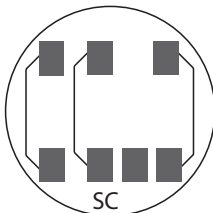
3-WIRE FORM 4S



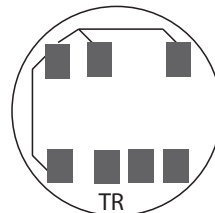
3-WIRE FORM 4S
WITH BYP ASS



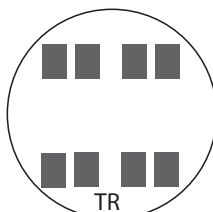
2 or 3 ELEMENT
3 4W Y or Δ
Y FORM 14S
Δ FORM 15S



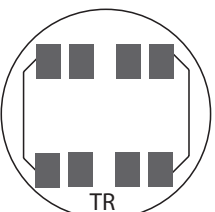
2 or 3 ELEMENT
3 4W Y or Δ
FORMS 14S & 15S
with BYP ASS



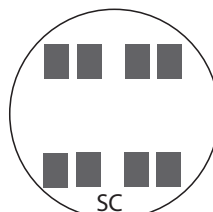
2 ELEMENT
3 4W Y or Δ
Y FORM 7 S
Δ FORM 24S
with BYP ASS



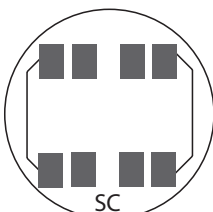
2 ELEMENT
2 3W, 2 4W, 3 3W
FORM 5 S



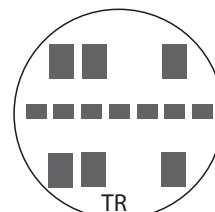
2 ELEMENT 2 3W,
2 4W, 3 3W
FORM 5S with
BYP ASS



2 ELEMENT
2 3W, 2 4W, 3 3W
FORM 13S

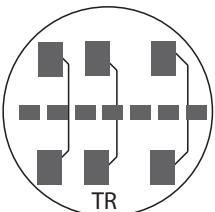


2 or 3 ELEMENT
2 3W, 2 4W, 3 3W
FORM 13S with
BYP ASS

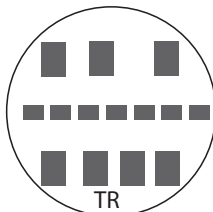


2 or 3 ELEMENT
3 4W Y or Δ
Y FORM 9 S
Δ FORM 8S

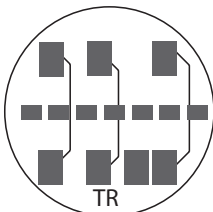
TR = TRANSFORMER RATED
SC = SELF CONTAINED



2 or 3 ELEMENT
3 4W Y or Δ
FORMS 8S & 9 S
with BYP ASS



2 ELEMENT
3 4W Y
FORM 6 S



2 ELEMENT
3 4W Y
FORM 6S
with BYP ASS

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

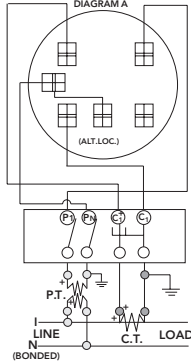


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter (2W1Ø) - Form 3S
5T Socket, Test Switch #TS04-0101

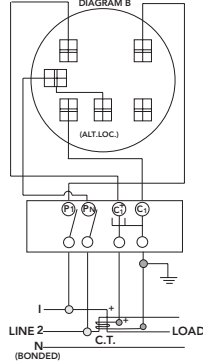


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter (3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

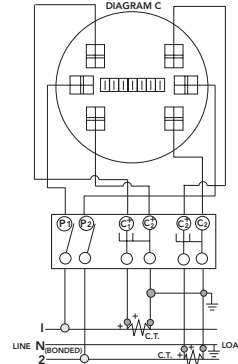


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

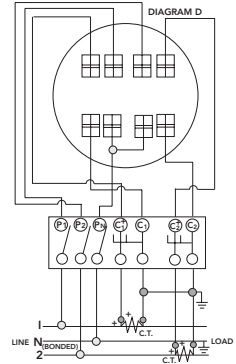


DIAGRAM E
3Ø3W "A" with 2 P.T.'s & 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

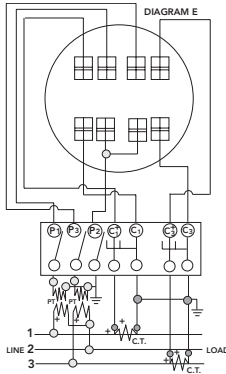


DIAGRAM F
3Ø3W "A" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

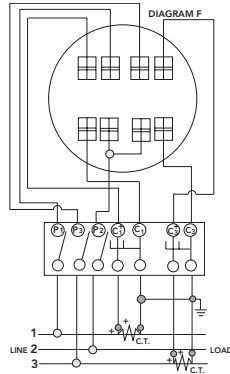


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

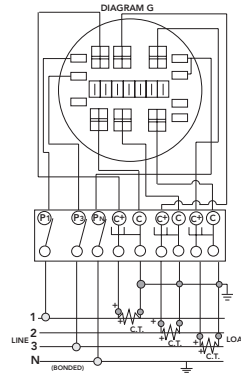


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

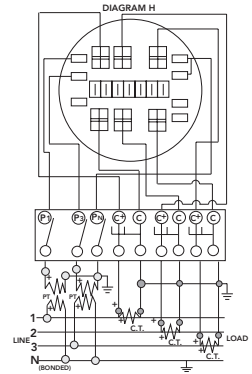


DIAGRAM I
3Ø4W "Y" or "A" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"A" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

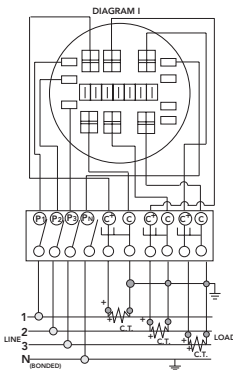
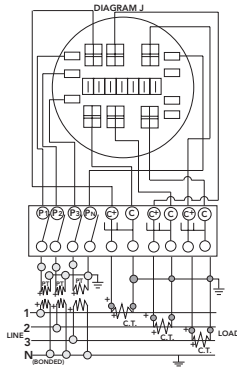


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



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

Conduit, Ampacity and SCCR

67

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.

* ALLOWABLE AMPACITIES OF INSULATED COPPER &

** ALUMINUM CONDUCTORS (3W IN CONDUIT) 75° C (167° F)

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

A = Size: AWG/MCM

*B = Ampere Rating for Insulation Types:

FEPW, RH, RHW, THW, THWN, XHHW, USE, 2W.

**C = Ampere Rating for Insulation Types:

RH, RHW, THW, THWN, XHHW, USE (Per NEC table 310-16)

AMPACITY CORRECTION FACTORS

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

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

GANG SOCKET OVERALL AMPACITIES

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

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

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Important Note

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

Before Energizing

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

When Energizing

Use caution and follow established safety procedures:

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

After Energizing

Secure the installation:

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

Recommended Torque for General Applications*

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

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



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Reference Information

Materials

Steel Quality

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

Steel Sheet

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

Aluminum Extrusion

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

Aluminum Sheet

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

Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fastners

Zinc-coated with a chromate dip.

Ratings 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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Index

Symbols

5T8K2	54
850	53
6002	53
6003	53
6116	53
243210-CTC3R	33
304410-CTC3R	33
363612-LC3R-SP-WB	33
484812-CT3R-WB	33
708784-MO	49

A

A7514	52
A7515	52
A7516	52
A7517	52
A7518	52
A7551	52
A8110	52
A8111	52
A8112	52
A9064	52
A-GP	53

B

BL7474	54
BL7499	54

C

CP-21	53
-------------	----

K

K5T	54
K1047	53
K1190	54
K1350	53
K1350L	53
K1539	53
K1540	53
K1540L	53

K1541	53
K3082	53
K3083	53
K3356	54
K3441	53
K3442	53
K3865	54
K3866	54
K4527	54
K4528	54
K4977-EXT	54
K4977-INT	54
K5022-INT	54
K5400-100MBM	49
K5400-100MBU	49
K5400-BRIDGE-2POS	39
K5920-10GR	43
K5920-11GR	43
K5920-38	43
K5920-41	43
K5920-54	43
K5920-58	43
K5920-75	43
K5920-111GR	43
K5920-522	43
K5920-BLANK	43
K5935-2/1450	39
K5935-10GR	39
K5935-11GR	39
K5935-36GR	39
K5935-41	39
K5935-54	39
K8180	53

M

M5-144	53
--------------	----

Q

Q115	51
Q115H	51
Q120	49, 51
Q120H	51
Q125	51
Q125H	51
Q130	49, 51
Q130H	51

Q135	51
Q135H	51
Q140	51
Q140H	51
Q150	51
Q150H	51
Q160	51
Q160H	51
Q170	51
Q170H	51
Q215	51
Q215H	51
Q220	51
Q220H	51
Q225	51
Q225H	51
Q230	51
Q230H	51
Q235	51
Q235H	51
Q240	51
Q240H	51
Q250	49, 51
Q250H	51
Q260	51
Q260H	51
Q270	51
Q270H	51
Q280	51
Q280H	51
Q290	51
Q290H	51
Q2100	51
Q2100H	51
Q2125	51
Q2125H	51
QN2150	51
QN2150H	51
QN2150R	51
QN2150RH	51
QN2200	51
QN2200H	51
QN2200R	51
QN2200RH	51

S



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S4019-O	33	U2594-X.....	12	U5168-XTL-150-KK-BLG.....	15
S4020-O	33	U2594-X-BLG.....	12	U5168-XTL-200-KK.....	15
S4399-O	33	U2872-XT.....	24	U5168-XTL-200-KK-BLG.....	15
S4400-O	33	U2873-XT.....	24	U5200-XL*	42
S8324.....	52	U2874-XT.....	24	U5200-XL-41.....	42
T					
TS04-0101	31	U2875-XT.....	24	U5200-XL-55.....	42
TS04-0102	31	U2876-XT.....	24	U5200-XL-75.....	42
TS04-0103	31	U3278-RL.....	10	U5220-XL.....	42
TS04-0104	31	U3491-XL-200.....	14	U5220-XL-41.....	42
TS07-0018	31	U3802	6	U5220-XL-55.....	42
TS07-0022	31	U3812	6	U5220-XL-75.....	42
TS07-0049	31	U3822-20GWR.....	7	U5268-XTL-150-KK.....	15
TS07-0059	31	U3832	6	U5268-XTL-200-KK.....	15
TS07-0105	31	U3849-O-2/200	37	U5268-XTL-200-KK-BLG.....	15
TS07-0106	31	U3862	6	U5300-O*	42
TS07-0107	31	U4031-O-2/200	17	U5300-O-41.....	42
TS07-0108	31	U4363-X-QG-K3-K2.....	11	U5300-O-55.....	42
TS10-0109	31	U4408-O	33	U5300-O-75.....	42
TS10-0110	31	U4410-O	33	U5320-O	42
TS10-0111	31	U4413-O-KK-BLG	9	U5320-O-41.....	42
TS10-0112	31	U4490-XL.....	30	U5320-O-55.....	42
U					
U1079-RRL-K3	11	U4492-XL.....	30	U5320-O-75.....	42
U1129-O-K3L-K2L	11	U4493-XL.....	30	U5750-RXL-200-BL	16
U1232-RRL-KK-K1.....	21	U4532-XL.....	9	U5764-X-200-CB	20
U1233-RRL-KK-K1.....	21	U4881-O-50GB.....	8	U5765-X-200-CB	20
U1234-RXL-KK-K1	21	U4881-O-60GB.....	8	U5767-X-200-CB	20
U1252-RRL-KK-K1-BLG-SLVG	22	U4905-X.....	11	U5784-O-200-CB.....	20
U1252-RRL-KK-K1-SLVG	22	U4905-X-BLG.....	11	U5787-O-200-CB.....	20
U1253-RRL-KK-K1-BLG-SLVG	22	U4908-O-11GR.....	40	U5796-X-400-CB	20
U1253-RRL-KK-K1-SLVG	22	U5000-XL*	41	U5797-O-400-CB.....	20
U1254-RXL-KK-K1-BLG-SLVG	22	U5000-XL-41.....	41	U5799-O-400-CB.....	20
U1254-RXL-KK-K1-SLVG	22	U5000-XL-55.....	41	U5844-PXL-200-KK.....	14
U1255-RXL-KK-K1-BLG-SLVG	22	U5000-XL-75.....	41	U5844-PXL-200-KK-BLG.....	14
U1255-RXL-KK-K1-SLVG	22	U5100-XL*	41	U5871-XL-200.....	16
U1256-RXL-KK-K1-BLG-SLVG	22	U5100-XL-41.....	41	U5882-X-KK-BLG.....	26
U1256-RXL-KK-K1-SLVG	22	U5100-XL-55.....	41	U5883-X-KK-BLG.....	26
U1748-O	38	U5100-XL-75.....	41	U5884-X-KK-BLG.....	26
U1797-O-K3L-K2L	11	U5101-XL-11GR.....	40	U5885-X-KK-BLG.....	26
U1797-O-K3L-K2L-BLG	11	U5136-O	36	U5886-X-KK-BLG.....	26
U1980-O-KK	9	U5136-O-100S.....	36	U5890-X-2/200-BL*	17
U1980-O-KK-BLG	9	U5136-O-200S.....	36	U5898-O-100-KK-BLG	15
U2120-X-K7	12	U5137-O-200S.....	36	U5898-O-200-KK-BLG	15
		U5161-X-K3L-K2L-BLG	11	U5902-X-KK-BLG.....	26
		U5168-XTL-100-KK.....	15	U5903-X-KK-BLG.....	26
		U5168-XTL-100-KK-BLG.....	15	U5904-X-KK-BLG.....	26
		U5168-XTL-150-KK.....	15	U5905-X-KK-BLG.....	26

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U5906-X-KK-BLG	26	UQFB-125.....	50	Z814898-AC	54
U5971-XL-100.....	13	UQFB-125-X1	50	Z901925-AC	54
U5971-XL-150.....	13	UQFB-150.....	50	Z904486-AO	54
U5971-XL-200.....	13	UQFB-150-X1	50	Z915141-AC	49
U5990-O	33	UQFB-175.....	50	Z916264-AO	54
U6115-X-2/200-K7L-BL.....	19	UQFB-175-X1	50	Z916265-AO	54
U6115-X-2/200-K7L-BLG.....	19	UQFB-200.....	50	Z917602-AC	49
U6220-O-100-KK-10GR.....	36	UQFB-200-X1	50	Z918466-AC	49
U6220-O-200-KK-10GR.....	36	UQFBH-100	50		
U6227-X-400-K3L	18	UQFBH-125	50		
U6227-X-400-K3L-5T6.....	18	UQFBH-150	50		
U6227-X-400-K3L-5T9.....	18	UQFBH-175	50		
U6227-X-400-K3L-BLG	18	UQFBH-200	50		
U6228-X-400-K3L	18	UQFBH-M-100.....	50		
U6228-X-400-K3L-5T6.....	18	UQFBH-M-125.....	50		
U6228-X-400-K3L-5T9.....	18	UQFBH-M-150.....	50		
U6229-X-400-K7L	18	UQFBH-M-175.....	50		
U6229-X-400-K7L-BLG	18	UQFBH-M-200.....	50		
U6230-X-400-K7L	18	UQFP-100.....	50		
U7021-RL-TG-KK	9	UQFP-125.....	50		
U7021-RL-TG-KK-BLG	9	UQFP-150.....	50		
U7040-RL-TG-KK	9	UQFP-175.....	50		
U7040-RL-TG-KK-BLG	9	UQFP-200.....	50		
U7040-XL-TG-KK	9	UQFPH-100	50		
U7487-RL-TG-KK	9	UQFPH-125	50		
U7487-RL-TG-KK-BLG	9	UQFPH-150	50		
U9551-RRL.....	10	UQFPH-175	50		
U9701-RRL*	10	UQFPH-200	50		
U9701-RRL-BLG*	10	UQFPH-M-100.....	50		
UAP6094-O	34	UQFPH-M-125.....	50		
UAP6095-O	34	UQFPH-M-150.....	50		
UAP6096-O	34	UQFPH-M-175.....	50		
UC1299-RL	28	UQFPH-M-200.....	50		
UC1300-RL	28	UQFP-M-100	50		
UC7235-RL	28	UQFP-M-125	50		
UC7237-XL	28	UQFP-M-150	50		
UC7444-RL	29	UQFP-M-175	50		
UC7445-RL	29	UQFP-M-200.....	50		
UC7445-RL-641*.....	29	USE-22-200-MB.....	13		
UC7445-WL	29				
UC7448-RL	29				
UC7449-RL	29				
UC7478-RL	29				
UC7532-RL	29				
UQFB-100.....	50				
UQFB-100-X1	50				

W

WBJ2150	51
WBJ2200	51

Z

Z802965-AC	54
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Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314
milbankworks.com | @milbankworks