

MILBANK®
ENERGY AT WORK



MARYLAND AREA

**Maryland, District of Columbia,
North Virginia Area Product Catalog**



Milbank Manufacturing is the
premier manufacturer of
metering equipment,
enclosures and power
distribution and controls in
the United States.

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 equipment. 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 design and deliver complete power distribution solutions. Our custom power distribution and control equipment is engineered and built to your exact specifications. Milbank systems are an attractive, secure, easy to install, and cost-effective option. These units can replace unsightly or insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



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Miscellaneous

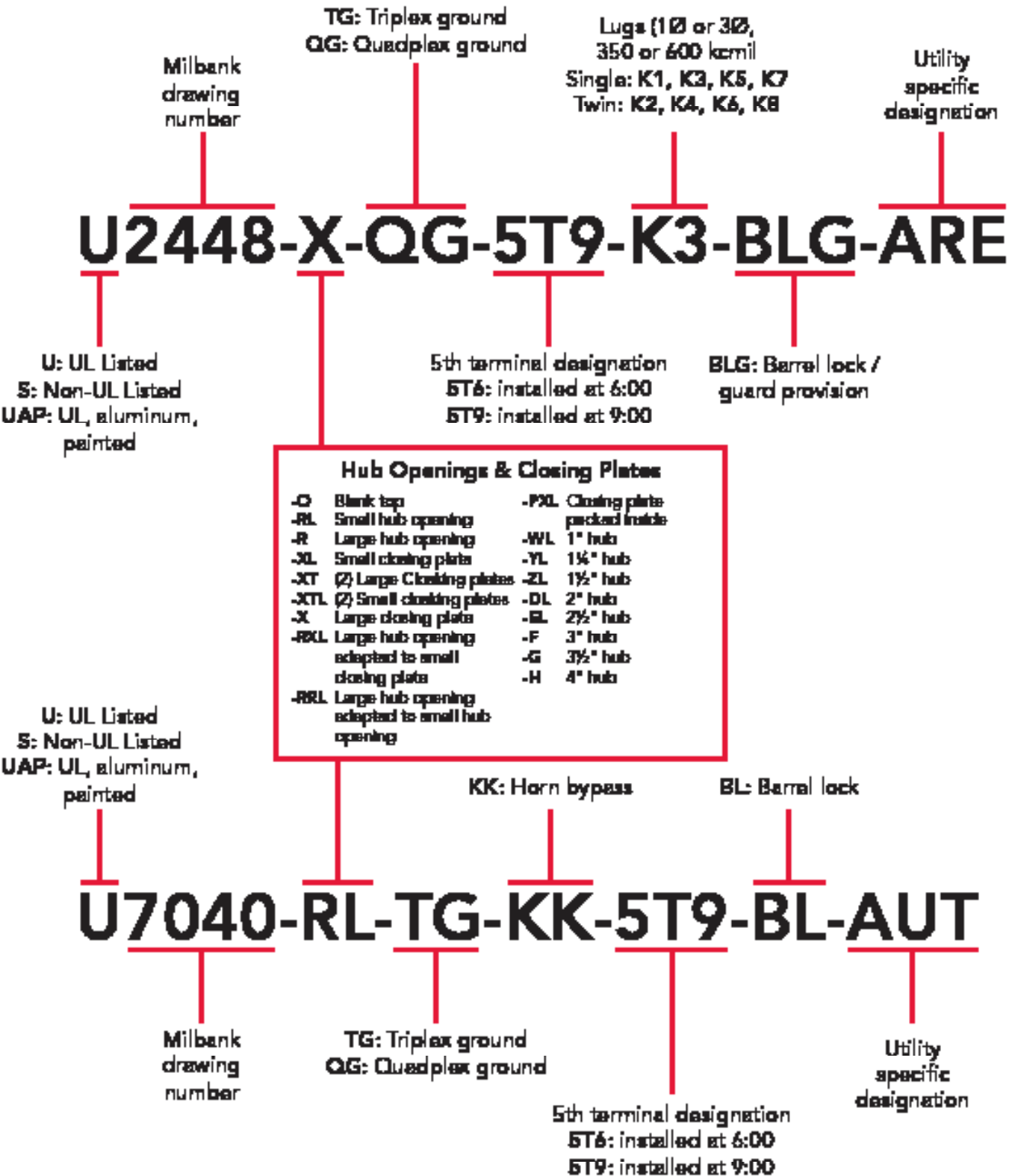
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Catalog Number Logic

How Our Product Catalog Numbers Are Derived



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U3802



U3812



U3832

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

30-60 Amps | 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°
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
- NEMA 3R rain resistant
- One-inch concentric knockout



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Air Conditioner Disconnects

60 Amps | With 20 Amps GFCI Receptacle



U3822-20GWR

Specifications

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

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

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

Notes

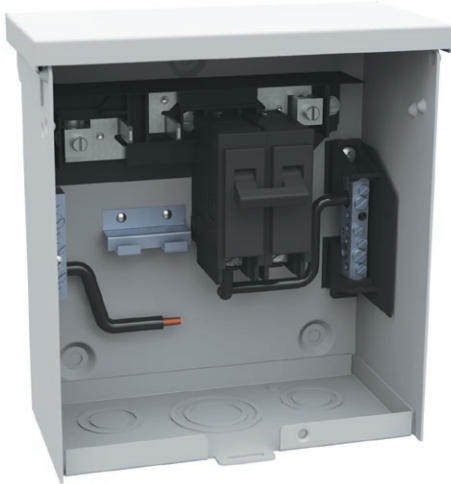
- **Disconnect Pullers:** To ensure the safest conditions, Milbank disconnect pullers are reversible so they may be reinstalled in the OFF position.
- **Padlock Provision:** All units are designed with a padlock provision on the cover for security.
- ***In-Use Cover:** Cover is rated as an in-use cover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

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Hot Tub Disconnects

NEMA 3R Enclosures | NEC 2020 Compliant



U4881-O-50GB



U4881-O-60GB

Specifications

- 240V ground fault protection
- UL-listed, NEMA 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
- 100 Amps overall rating
- Easy to install

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

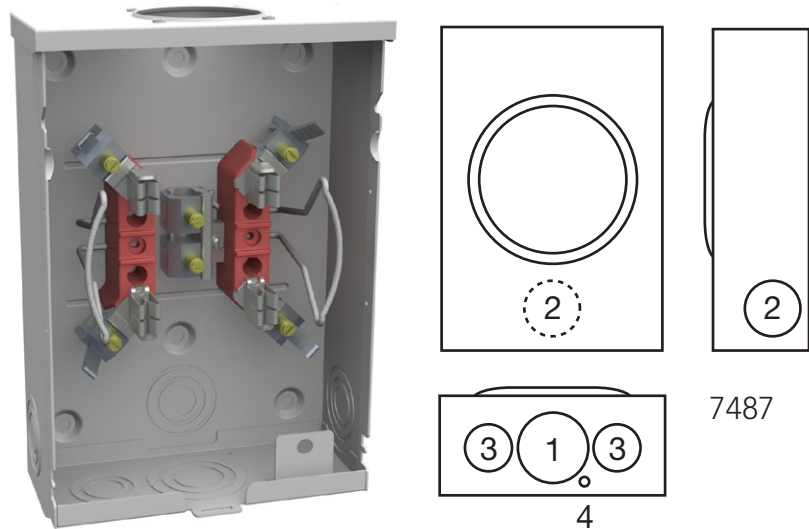
Catalog Number	Breaker Amps	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	7 1/2	8 1/2
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	7 1/2	8 1/2



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Single Position Sockets

125 Amps | 4 Terminals | Ringless



U7487-RL-TG-KK-BLG

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

Catalog Number	Utility Approval	Bypass	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U7487-YL-TG-KK-BLG*	F.E.	Horn	OH	1¼	#6-2/0	3 ⁵ / ₁₆	8	11½	2	1½	1¼	¼
U7487-XL-KK-SMECO	SMECO	Horn	OH/UG	C.P.	#6-2/0	3 ⁵ / ₁₆	8	11½	2	1½	1¼	¼
U7487-RL-TG-KK-BLG*	FE	Horn	OH/UG	H.O.	#6-2/0	3 ⁵ / ₁₆	8	11½	2	1½	1¼	¼

Notes

- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **5T8K2** to fit into round opening at the 9 o'clock position.
 - **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
 - **Connectors** Extruded aluminum connectors are tin-plated.
- * Barrel lock with guard provision (suffix **-BLG**).

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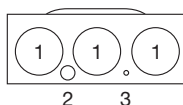
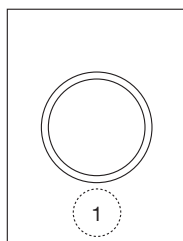
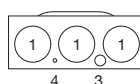
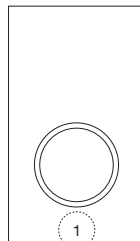


Single Position Sockets

200 Amps | 4 Terminals | Ringless



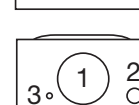
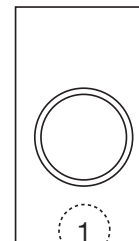
U7040-RL-TG-KK-BLG

7040
1619

4979



U7021-RL-KK-BLG



7021

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

Catalog Number	Utility Approval	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U7021-RL-KK-BLG*	PECO	OH	H.O.	#6-350 kcmil	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7021-RL-TG-KK-BLG*	F.E.	OH	H.O.	#6-350 kcmil	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
S1619-XL	PEPCO	OH	H.O.	#6-350 kcmil	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7040-RL-KK-DPL	DPL	OH	H.O.	#6-350 kcmil	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U7040-XL-KK-SMECO	SMECO	OH/UG	C.P.	#6-350 kcmil	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U4979-XL-SMECO	SMECO	OH/UG	C.P.	(2) #6-350 kcmil	4 $\frac{27}{32}$	13	24	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	1 $\frac{1}{4}$

Notes

- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **K5T** to fit into square opening at the 9 o'clock position of the new style block (#6-350 kcmil).
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bypass:** Units provided with horn-type bypass (suffix **-KK**).
- **S1619-XL** is non-UL-listed.
- * Barrel lock with guard provision (suffix **-BLG**).



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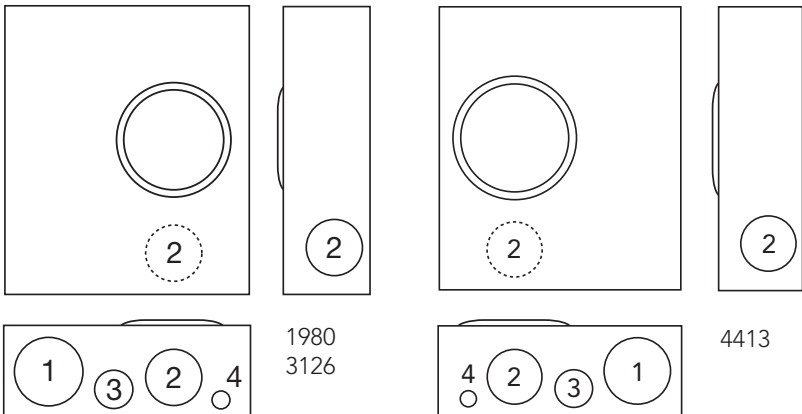
Single Position Side Wireway

1 1

200 Amps | 4 Terminals | Side Wireway | Ringless | Horn Bypass



U1980-O-KK-DPL



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

Catalog Number	Utility Approval	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U1980-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	4½	13	15¼	3	2½	1½	¼, ½
U2986-O-PEP	PEPCO	UG	Blank	3/8" Studs	4½	13	19	3	2½	1½	¼, ½
U1980-O-KK-DPL	DPL	UG	Blank	#6-350 kcmil	4½	13	15¼	3	2½	1½	¼, ½
U3126-O-KK-BLG*	FE	UG	Blank	#6-350 kcmil	4½	13	15¼	3	2½	1½	¼, ½
U4413-O-KK-BLG*	FE	UG	Blank	#6-350 kcmil	4½	13	15¼	3	2½	1½	¼, ½
U4413-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	4½	13	15¼	3	2½	1½	¼, ½

Notes

- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **K5T** to fit into square opening at the 9 o'clock position.
- **Connectors** Extruded aluminum connectors are tin-plated.
- **Bypass:** Units provided with horn-type bypass (suffix **-KK**) except **U2986-O-PEP**.
- * Barrel lock with guard provision (suffix **-BLG**).
- ** Barrel lock provision (suffix **-BL**)

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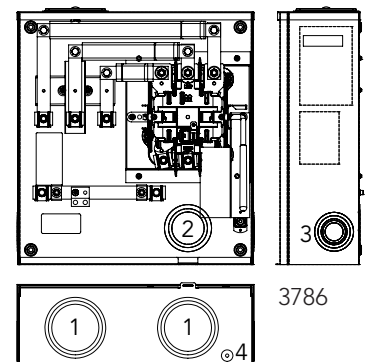
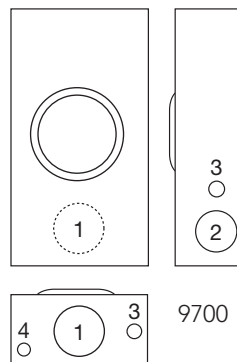
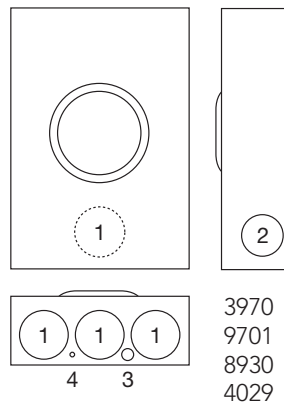


Single Position Lever Bypass

200 Amps | 5-7 Terminals | Lever Bypass | Ringless



U9551-X-DPL



200 Amps | 5 Terminals | Heavy Duty lever Bypass | 1Ø3W | Ringless

Catalog Number	Utility Approval	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U9551-X-DPL	DPL	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
S3970-XL	PEPCO	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
U9551-R-5T9	FE	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄

200 Amps | 7 Terminals | Heavy Duty lever Bypass | 3Ø4W | Ringless

Catalog Number	Utility Approval	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U9700-RRL-BLG	FE	OH	H.O.	#6-350 kcmil	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	3 ¹ / ₄	1 ¹ / ₂ , 1 ¹ / ₄
U9701-RRL-BLG	FE	OH	H.O.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
S8930-XL	PEPCO	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
U9701-RXL-SMECO	SMECO	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
U4029-X-DPL	DPL	OH/UG	C.P.	#6-350 kcmil	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄	1 ¹ / ₄
U3786-O-BLG	PECO	UG	Blank	#6-350 kcmil	6	18	19 ¹ / ₄	4	3	2 ¹ / ₂	1 ¹ / ₂ , 1 ¹ / ₄

Notes

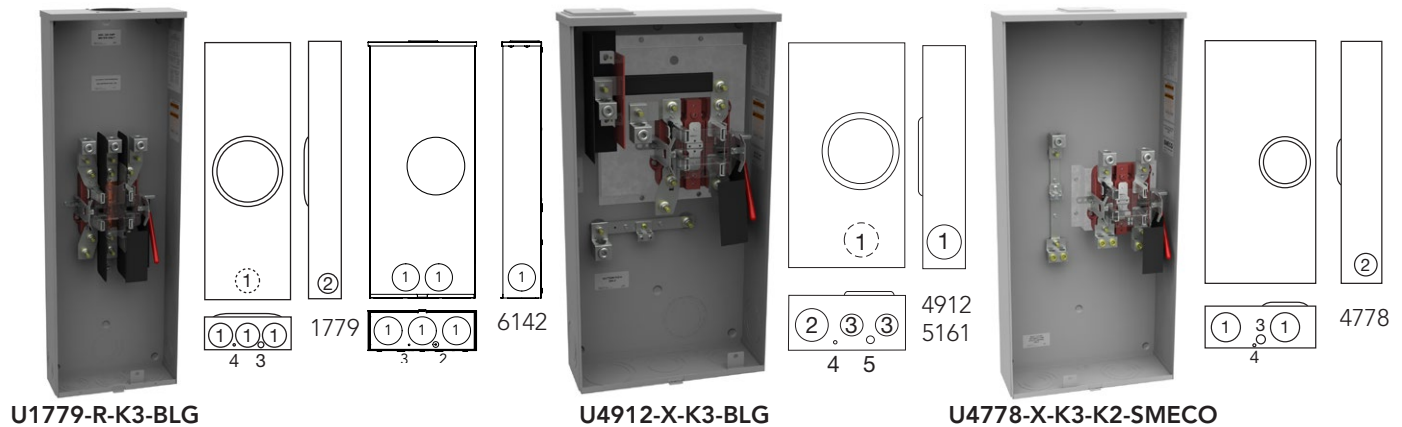
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin-plated. **U9551** units include removable bonding strap for isolated neutral.
- **Bypass:** Heavy Duty lever supplies clamping action and also operates bypass device.
- **S3970-XL** and **S8930-XL** are non-UL-listed.



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Single Position Heavy Duty Lever Bypass 1 3

320 Amps | 4-7 Terminals | Heavy Duty lever Bypass | Ringless



320 Amps | 4 Terminals | Single Position | Heavy Lever Bypass | 1Ø3W | Ringless

Catalog Number	Utility Approval	Service	Hub	Connectors		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U1779-R-K3-BLG	FE	OH	H.O.	#4-600 kcmil (2) 1/0-250	3/8"-16 Studs	4 7/8	13	38 3/4	3	2 1/2	1/2, 1/4	1/4	—
U5161-X-PEP*	PEPCO	OH/UG	C.P.	3/8"-16 Studs	3/8"-16 Studs	4 7/8	15	31	3	3	3	1/4	1/2
S6142-X-INV-DPL**	DPL	OH/UG	C.P.	3/8"-16 Studs	3/8"-16 Studs	5 3/4	16	38 3/4	3 1/2	1/2, 1/4	1/4	—	—
U4778-X-K3-K2-SMECO*	SMECO	OH/UG	C.P.	#4-600 kcmil	(2)#6-350 kcmil	6 1/2	17 3/4	38 3/4	4	3	1	1/4	—
U1797-O-K3L-K2L	DEC	UG	Blank	(2) 1/0-250	3/8"-16 Studs	4 7/8	15	30	3	1/2, 1/4	1/4	—	—
U3000-O-2/K3L-BL	PECO	UG	Blank	#4-600 kcmil, (2)#6-350 kcmil	3/8"-16 Studs	4 7/8	15	30	3	1/2, 1/4	1/4	—	—
U4912-X-K3-BLG*	FE	UG	C.P.	#4-600 kcmil (2) 1/0-250	3/8"-16 Studs	5 3/4	16	30	3 1/2	4	3	1/4	1

320 Amps | 7 Terminals | Single Position | Heavy Lever Bypass | 1Ø3W | Ringless

Catalog Number	Utility Approval	Service	Hub	Connectors		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U4168-X-K7-BLG	FE	OH/UG	H.O.	#4-600 kcmil (2) 1/0-250	3/8"-16 Studs	6 1/2	19	34 1/8	3	2 1/2	1/2, 1/4	1/4	—
U4013-X*	DEC	OH/UG	C.P.	3/8"-16 Studs	3/8"-16 Studs	6 1/2	17 3/4	40 1/2	4	3	1	1/4	—

Notes

- **Fifth Terminal:** For field-mounted fifth terminal order **K3865** for **S6142**, **U4778**, **U4912** and **U5161**. Use **K3866** for **U1779**.
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin-plated. For single lug connector kit order as extra: **K1539** (350 kcmil) or **K1540** (600 kcmil). For twin lug connectors are tinned plated. For twin lug connectors: **K1350** (350 kcmil). Order two kits to cover both line and load on sockets not supplied with line connectors.
- **Lever Bypass:** Lever bypass supplies clamping action on the meter spades and also operates the bypass device.
- **Barrel Lock with Guard Provision:** Affected units have suffix **-BLG**.

*Includes Side Wireway

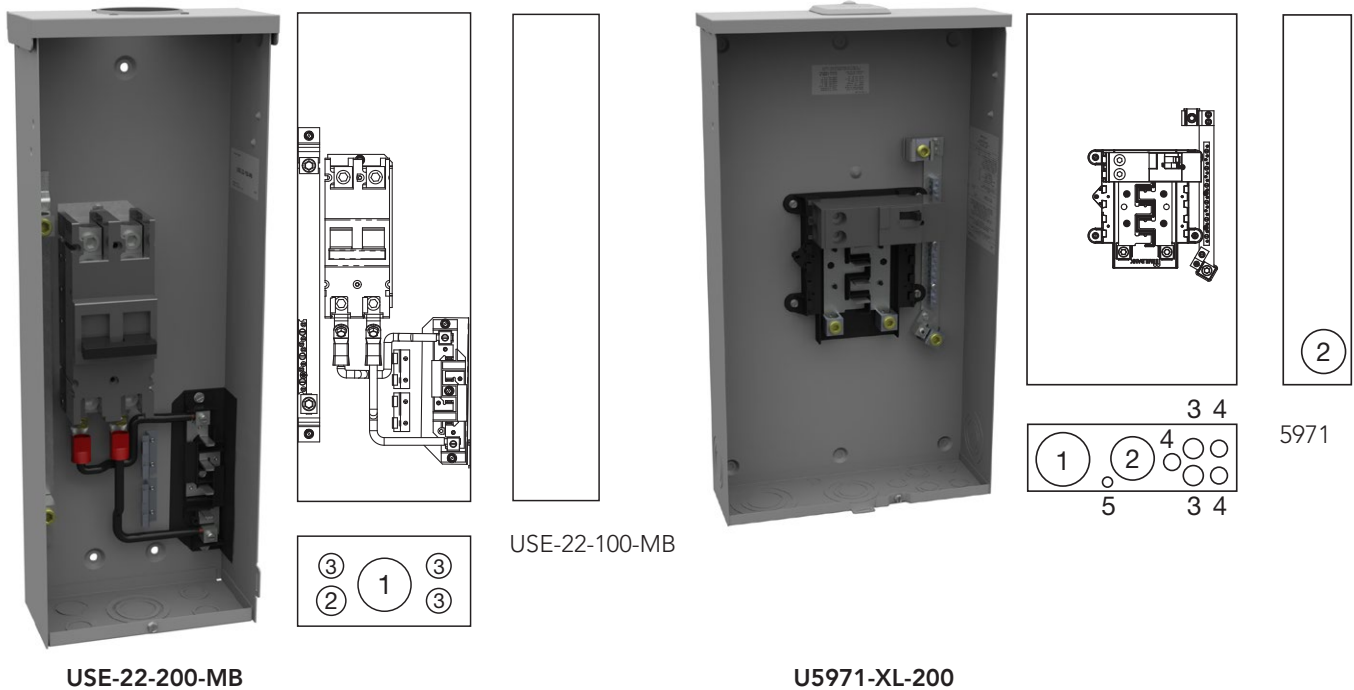
**S6142 is not UL-listed.

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Unmetered Power Outlet

200 Amps | 4 Terminals | 120/240V



200 Amps | 1Ø3W

Catalog Number	Breakers Installed	Service	Branch Circuits	Hub	Connectors	Dimensions			Knockouts				
					Line	D"	W"	H"	1	2	3	4	5
USE-22-200-MB	200	OH	4 Branch	H.O.	2/0-300 kcmil	4	8 $\frac{1}{8}$	22 $\frac{5}{8}$	2	1	1/2, 3/4	—	—
U5971-XL-200	200	OH/UG	8 Branch	C.P.	#1-300	4 $\frac{1}{2}$	14 $\frac{1}{8}$	30	3	2 $\frac{1}{2}$	1	1/2, 3/4	1/2, 1/4

Notes

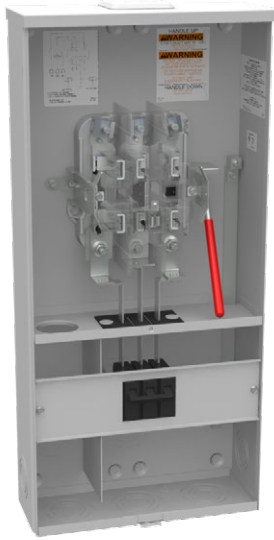
- The neutral buss/ground bar is factory-installed.
- USE-22-200-MB:** 200 Amps main with provisions for 200 Amps direct wire feeder. 200 Amps bolt-on-breaker wired in series with plug-in style buss. Space for four single pole or two two-pole plug-in, branch circuit breakers. Quadplex style breakers may be used in accordance with the NEC.
- AIC Rating :** The **USE -22-200-MB** has an AIC Rating of 10K. **U5971-XL-200** has an AIC Rating of 22K.
- U5971-XL-100** also available when 100 Amps breaker is needed.



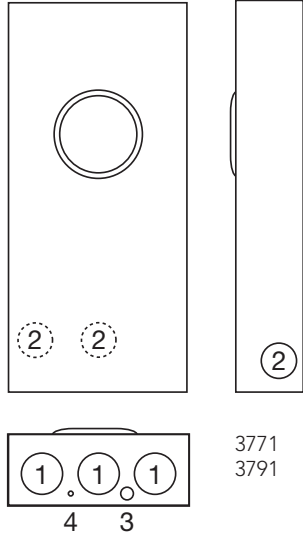
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Meter Mains

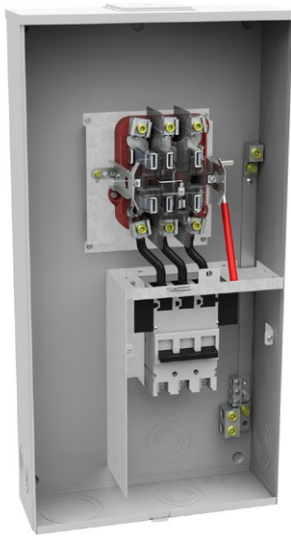
100-200 Amps | 4-7 Terminals | Ringless | 240V



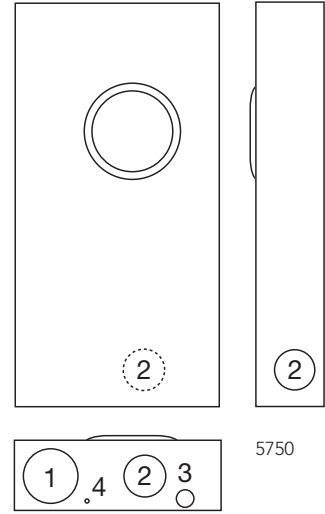
U3771-XL-100



3771
3791



U5750-RXL-200-BL



5750

100-200 Amps | 4-7 Terminals | Lever Bypass | Ringless

Catalog Number	Amps	Terminals	Service	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U3791N-RXL-100-5T9	100	5	OH/UG	#6-350	#1-300	4 ²⁷ / ₃₂	13	34	2½	2	¼, ½	¼
U3791N-RXL-150-5T9	150	5	OH/UG	#6-350	#1-300	4 ²⁷ / ₃₂	13	34	2½	2	¼, ½	¼
U3791N-RXL-200-5T9	200	5	OH/UG	#6-350	#1-300	4 ²⁷ / ₃₂	13	34	2½	2	¼, ½	¼
U3791N-RXL-200-BL	200	4	OH/UG	#6-350	#1-300	4 ²⁷ / ₃₂	13	34	2½	2	¼, ½	¼
U3771-XL-100	100	7	OH/UG	#6-350	#1-300	4 ⁷ / ₈	13	28	1½	½, ¼	¼	-
U5750-RXL-200-BL	200	7	OH/UG	#6-350	#1-300	5¾	17¾	34	4	3	1	¼

Notes

- **NEC 2020 Compliant:** All products are NEC 2020 Compliant.
- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Short Circuit Current Rating:** 10K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.

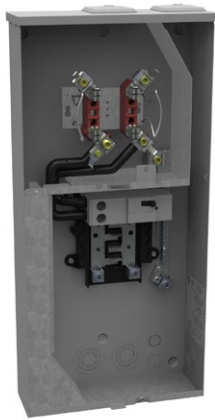
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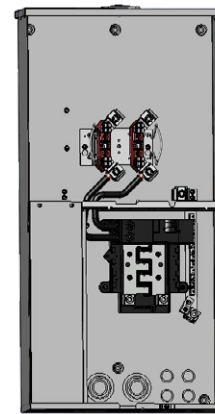
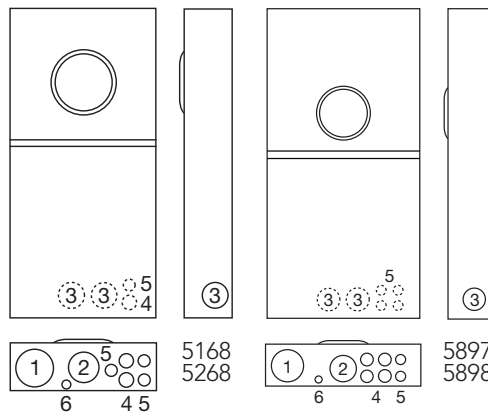
Meter Main With Load Center

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

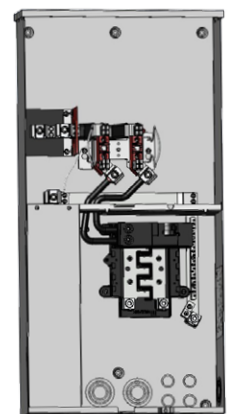
NEC 2020 Compliant



U5168-XTL-200-KK-BLG



U5897-RL-150-KK-PEP



U5898-O-200-KK-BLG

100 and 200 Amps | 4 Terminals | Horn Bypass | OH/UG Entry

Catalog Number	Utility Approval	Amps	Hub	Connectors		Dimensions			Knockouts					
				Line	Load									
U5168-XTL-100-KK-BLG	FE, PECO	100	C.P.	#6-350 kcmil	CB	4½	14⅞	30	3	2½	2	1	¾	½
U5168-XTL-200-KK-BLG	FE, PECO	200	C.P.	#6-350 kcmil	CB	4½	14⅞	30	3	2½	2	1	¾	½

150-200 Amps | 4 Terminals | Horn Bypass | Side Wireway

Catalog Number	Utility Approval	Service	Amps	Hub	Connectors		Dimensions			Knockouts					
					Line	Load	D"	W"	H"	1	2	3	4	5	6
U5897-RL-150-KK-PEP	PEPCO	OH/UG	150	H.O	#6-350 kcmil	CB	4½	17	34½	3	2½	2	1	¾	½
U5897-RL-150-KK-DPL*	DPL	OH/UG	150	H.O	#6-350 kcmil	CB	4½	17	34½	3	2½	2	1	¾	½
U5897-RL-200-KK-DPL*	DPL	OH/UG	200	H.O	#6-350 kcmil	CB	4½	17	34½	3	2½	2	1	¾	½
U5897-RL-200-KK-PEP	PEPCO	OH/UG	200	H.O	#6-350 kcmil	CB	4½	17	34½	3	2½	2	1	¾	½
U5898-O-200-KK-BLG**	FE, PECO	UG	200	Blank	#6-350 kcmil	CB	4½	17	34½	3	2½	2	1	¾	½

Notes

- **Hub:** Order hubs as a separate item. See accessory page for hub options.
- **Interior:** U5168, 5897 and 5898 units have 8 circuit interior.
- **Fifth Terminal:** Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- **Breakers:** Rated 22K AIC with Milbank QN2200RH main installed.
- **Interlock Kit:** For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN.
- **Sub-Feed Lugs:** #6-350 kcmil sub-feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.

*The U5897 has side wireway feed.

**The U5898 has side buss feed.



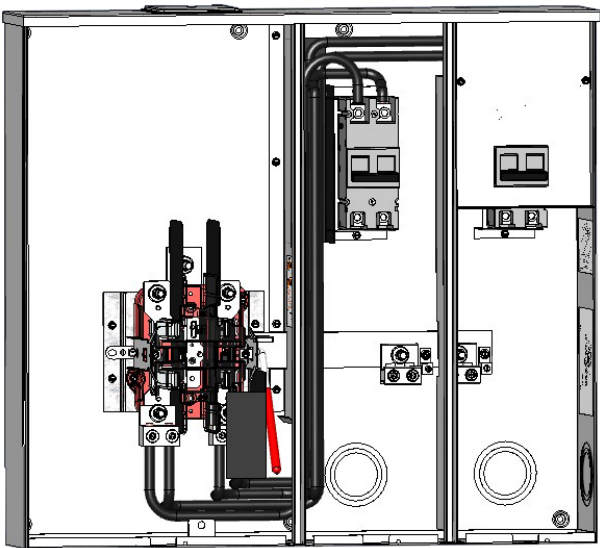
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Lever Bypass Meter Mains

320 Amps | 4 Terminals | Ringless | NEC 2020 Compliant



U6584-O-2/200-BL



U6589-O-2/200-BL

320 Amps | 4 Terminals | Ringless | Meter Mains | 1Ø

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
			Line	Load		D"	W"	H"	1	2	3
U6584-O-2/200-BL	UG	Blank	3/8" x 16 Studs	#1/0-300	Lever	5¾	33	30	4	3	¼, ½
U6589-X-2/200 BL	OH/UG	C.P.	3/8" x 16 Studs	#1/0-300	Lever	5¾	33	30	4	3	¼, ½

Notes

- **NEC 2020:** All products are NEC 2020 compliant.
- **Connectors:** The line wire section is supplied with ¾"-16 studs with hex head nuts and captive Belleville washers. For single lug connector kits, order **K1539** (350 kcmil) or **K1540** (600 kcmil). For twin lug connector kits, order **K1350** (350 kcmil).
- **Breakers:** The **U6584** and **U6589** are supplied with two Bolt-on Milbank **UQFBH-200** breakers.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Fifth terminals:** For field-installable fifth terminal, order catalog number **K3865**.

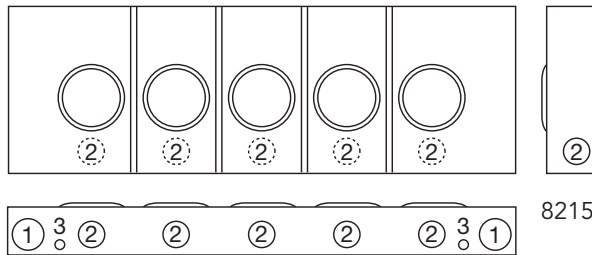
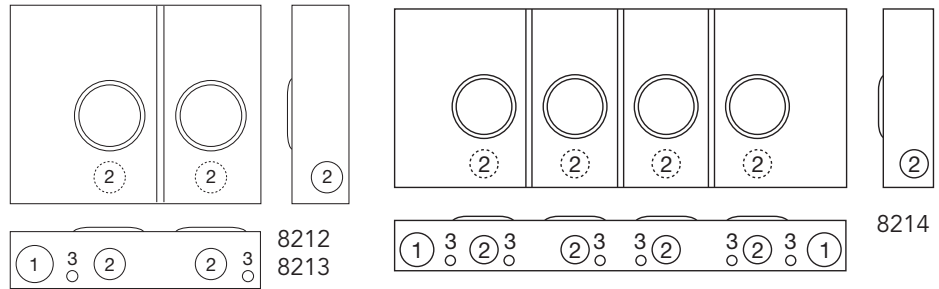
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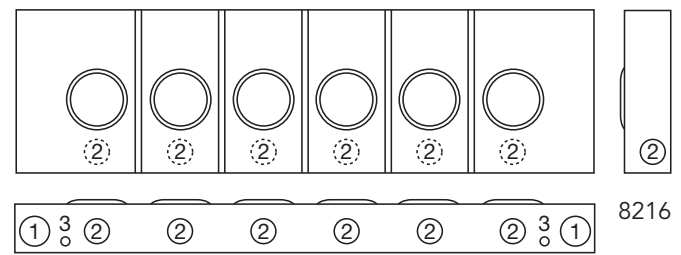
100 Amps | 4 Terminals | Horizontal | Ringless | 300V



U8212-XL-KK-BLG



8215



8216

100 Amps | 4 Terminals | Horn Bypass | Ringless | OH/UG | 1Ø3W | End Wireway

Catalog Number	Utility Approval	Positions	Terminals	Hub	Connectors		Dimensions			Knockouts		
					Line	Load	D"	W"	H"	1	2	3
U8212-XL-KK-BLG*	FE	2	4	C.P.	6-350 kcmil	#6-2/0	4½	20⅝ ₁₆	16	2½	2	¼, ½
U8213-XL-KK-BLG*	FE	3	4	C.P.	6-350 kcmil	#6-2/0	4½	28½	16	2½	2	¼, ½
U8214-XL-KK-BLG*	FE	4	4	C.P.	6-350 kcmil	#6-2/0	4½	40⅞ ₁₆	16	2½	2	¼, ½
U8215-XL-KK-BLG*	FE	5	4	C.P.	6-350 kcmil	#6-2/0	4½	48⅞ ₈	16	2½	2	¼, ½
U8216-XL-KK-BLG*	FE	6	4	C.P.	6-350 kcmil	#6-2/0	4½	57⅞ ₁₆	16	2½	2	¼, ½

Notes

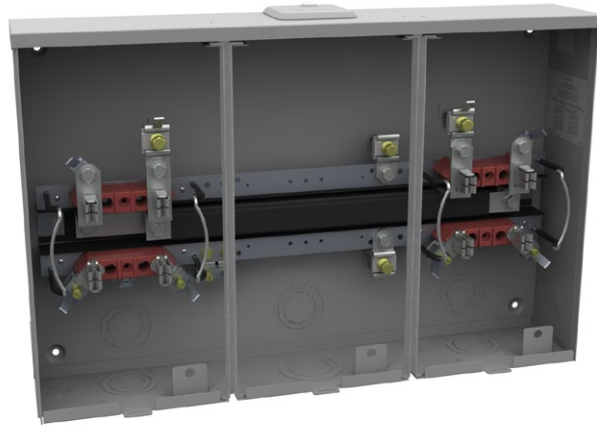
- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page. Hub opening is supplied at each end. Extra openings in top are closed with a closing plate as standard.
 - **Fifth Terminal:** For field-mounted fifth terminal in 6 o'clock position, order catalog number **5T8K2** for each meter position. For field-mounted fifth terminal in 9 o'clock position, order catalog number **K9959** for each meter position.
 - **Connectors:** Extruded aluminum connectors are tin-plated.
 - **Bypass:** Units provided with horn-type bypass (suffix **-KK**).
 - **Bussing:** Bussing is 5/16" x 1" aluminum.
- *Barrel lock with guard provision (suffix **-BLG**).



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Multi-Position Sockets

100 Amps | 4 Terminals | Horizontal | Ringless | 300V



U8032-XL-KK-BLG

100 Amps | 4 Terminals | 1Ø3W | Horn Bypass | Ringless | OH/UG | Center Wireway

Catalog Number	Utility Approval	Positions	Hub	Connectors		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U8032-XL-KK-BL*	PECO	2	C.P	6-350 kcmil	#6-2/0	4½	24½	16	2½	2	½
U8033-XL-KK-BL*	PECO	3	C.P	6-350 kcmil	#6-2/0	4½	36½	16	2½	2	½
U8034-XL-KK-BL*	PECO	4	C.P	6-350 kcmil	#6-2/0	4½	40⅞	16	2½	2	½
U8035-XL-KK-BL*	PECO	5	C.P	6-350 kcmil	#6-2/0	4½	49½	16	2½	2	½
U8036-XL-KK-BL*	PECO	6	C.P	6-350 kcmil	#6-2/0	4½	57¼	16	2½	2	½
U8032-XL-KK-BLG**	FE	2	C.P	6-350 kcmil	#6-2/0	4½	24½	16	2½	2	½
U8033-XL-KK-BLG**	FE	3	C.P	6-350 kcmil	#6-2/0	4½	36½	16	2½	2	½
U8034-XL-KK-BLG**	FE	4	C.P	6-350 kcmil	#6-2/0	4½	40⅞	16	2½	2	½
U8035-XL-KK-BLG**	FE	5	C.P	6-350 kcmil	#6-2/0	4½	49½	16	2½	2	½
U8036-XL-KK-BLG**	FE	6	C.P	6-350 kcmil	#6-2/0	4½	57¼	16	2½	2	½

Notes

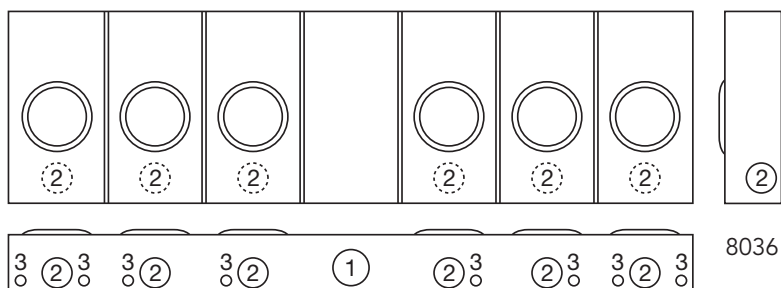
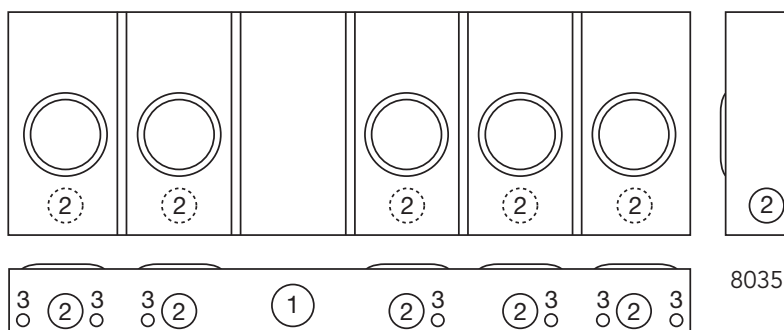
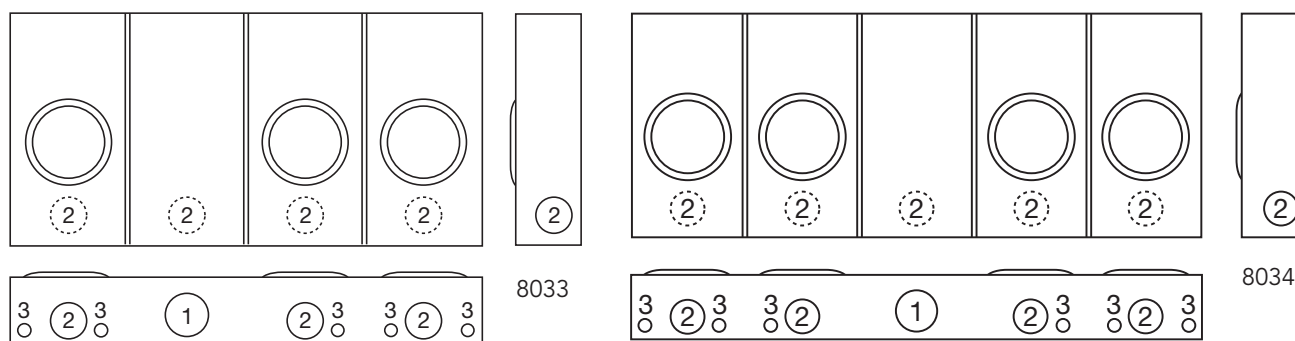
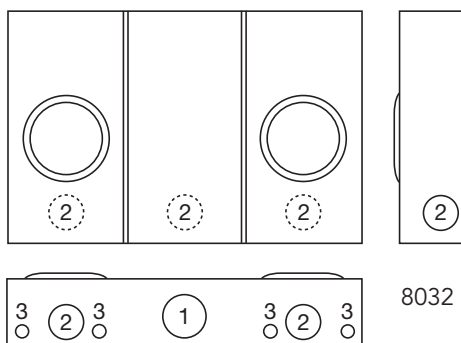
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **5T8K2** for each meter position, 6 o'clock position only.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bussing:** Bussing is 5/16" 1" aluminum.
- **Bypass:** Units provided with horn-type bypass (suffix **-KK**).

*Barrel lock provision (suffix **-BL**)

Barrel lock with guard provision (suffix **-BLG).

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Multi-Position Sockets

21

200 Amps | 4 Terminals | Horizontal | Ringless | 300V



U1252-X-KK-K3-BLG

200 Amps | 4 Terminals | Horn Bypass | Ringless | 1Ø3W | OH/UG | Center Wireway

Catalog Number	Utility Approval	Positions	Hub	Connectors		Dimensions		
				Line	Load	D"	W"	H"
U1252-X-KK-K3-BLG*	FE	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14
U1252-X-KK-K3-DPL	DPL	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14
U1253-X-KK-K3-BLG*	FE	3	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	34 $\frac{1}{16}$	14
U1254-X-KK-K3-BLG*	FE	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16
U1254-X-KK-K3-DPL	DPL	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16
U1255-X-KK-K3-BLG*	FE	5	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	54 $\frac{7}{8}$	16
U1256-X-KK-K4-DPL	DPL	6	C.P.	#4-600 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	63 $\frac{1}{16}$	16
U1256-X-KK-K3-BLG*	FE	6	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	5 $\frac{1}{8}$	63 $\frac{1}{16}$	16

Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page. For the **U1255-1256** units, 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** for each meter position, installed in the 9 o'clock position only.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bypass:** Units provided with horn-type bypass (suffix **-KK**).
- Knockout information is on the following page.
- *Barrel lock with guard provision (suffix **-BLG**).

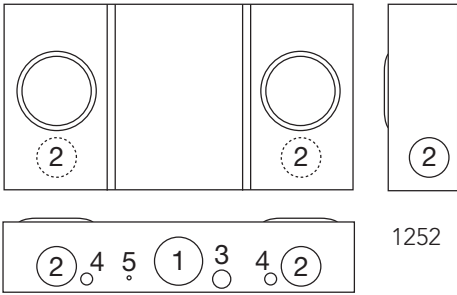
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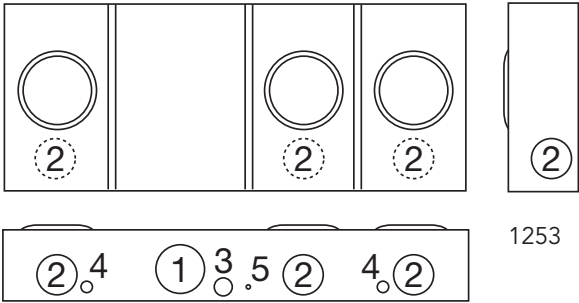
U1252-U1256 Series

Knockout Information

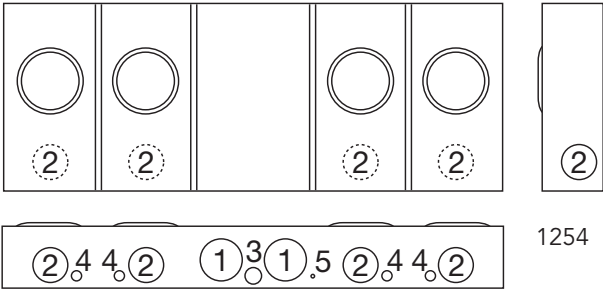
Knockouts				
1	2	3	4	5
3	2½	1	½	¼



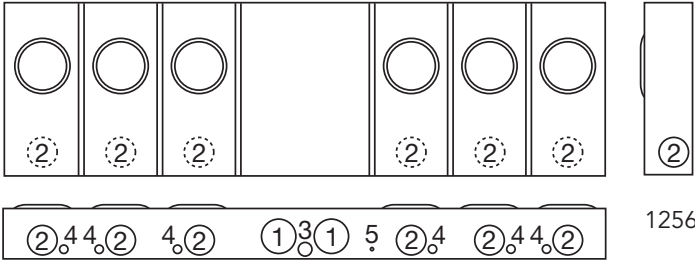
1252



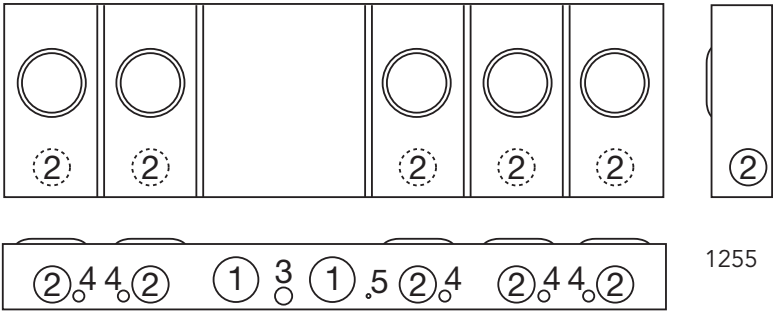
1253



1254



1256



1255



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Multi-Position Meter Mains

23

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

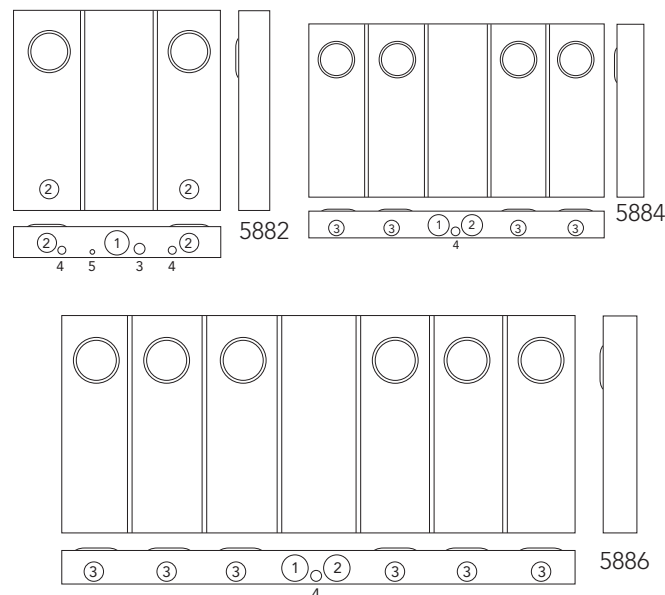
NEC 2020 Compliant



U5882-X-2/200-KK-K3-DPL



U5882-X-BL



125-200 Amps | 4 Terminals | Ringless

Catalog Number	Utility Approval	Amps	Positions	Hub	Connectors	Dimensions			Knockouts				
					Line	D"	W"	H"	1	2	3	4	5
U5902-X-KK-BL**	PECO	125	2	C.P.	3/8"-16 Studs	5 1/8	26 1/2	30	3	2 1/2	1	7/8	1/4
U5905-X-KK-BL**	PECO	125	5	C.P.	3/8"-16 Studs	5 1/8	51 1/16	30	3	3	2 1/2	1	—
U5882-X-KK-BL**	PECO	200	2	C.P.	3/8"-16 Studs	5 1/8	59 5/16	30	3	2 1/2	1	7/8	1/4
U5883-X-KK-BL**	PECO	200	3	C.P.	3/8"-16 Studs	5 1/8	34 7/16	30	3	2 1/2	2 1/2	1	—
U5884-X-KK-BL**	PECO	200	4	C.P.	3/8"-16 Studs	5 1/8	42 13/16	30	3	2 1/2	2 1/2	1	—
U5885-X-KK-BL**	PECO	200	5	C.P.	3/8"-16 Studs	5 1/8	51 1/16	30	3	2 1/2	2 1/2	1	—
U5886-X-KK-BL**	PECO	200	6	C.P.	3/8"-16 Studs	5 1/8	59 5/16	30	3	2 1/2	2 1/2	1	—

200 Amps | 4 Terminals | Ringless

Catalog Number	Utility Approval	Amps	Positions	Hub	Connectors	Dimensions			Knockouts				
					Line	D"	W"	H"	1	2	3	4	5
U5882-X-2/200-KK-K3-DPL	DPL	200	2	C.P.	#4-600 (2)1/0-250	5 1/8	26 1/2	30	3	2 1/2	1	7/8	1/4
U5884-X-4/200-KK-K3-DPL	DPL	200	4	C.P.	#4-600 (2)1/0-250	5 1/8	42 13/16	30	3	3	2 1/2	1	—
U5886-X-6/200-KK-K3-DPL	DPL	200	6	C.P.	#4-600 (2)1/0-250	5 1/8	56 5/16	30	3	3	2 1/2	1	—

Notes

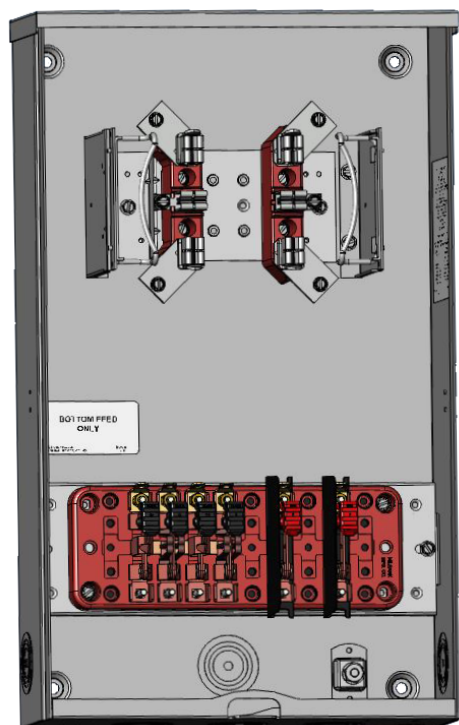
- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **K5T** for each meter position, 9 o'clock position.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bypass:** Units provided with horn-type bypass (suffix **-KK**).

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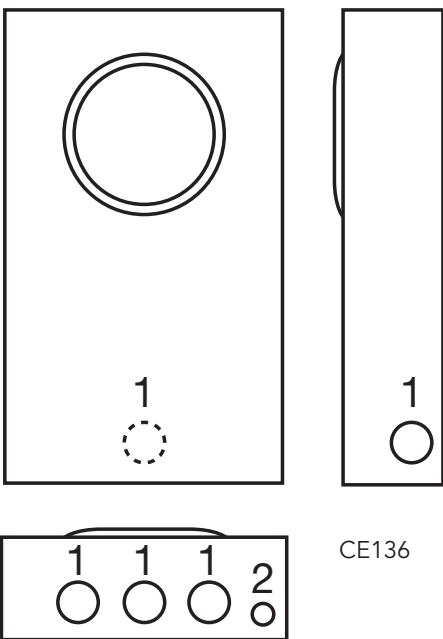


Transformer Rated Sockets

20 Amps CT Rated Socket



CE136-CECHA



CE136

20 Amps Test Switch | 6 Terminals | 1Ø

Catalog Number	Utility Approval	Service	Dimensions			Knockouts	
			D"	W"	H"	1	2
CE136-CECHA	PECO	UG	4⅞	12	20	1¼	¼, ½



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Features

- Supplied with studs, three point locking handle, continuous hinge and pad-lock provision. Single door provided on units less than 36" wide. Steel panels and plywood backboard are optional.

Catalog Number	Utility Approval	Gauge of Steel	Dimensions			Panel Size	
			D"	W"	H"	W" x H"	
182410-CTC1-SP	PECO	14	10	24	18	20	14
243210-CTC1-SP	PECO	14	10	32	24	28	20
323210-CTC1-SP	PECO	12	10	32	32	28	28
324210-CTC1-SP	PECO	12	10	42	32	38	28
425412-CTC1-SP	PECO	12	12	54	42	50	38
281815-CT3R-SP	PECO	14	15	28	18	24	14
303515-CT3R-SP	PECO	14	15	30	35	26	31
324215-CT3R-SP	PECO	12	15	32	42	28	38
403515-CT3R-SP	PECO	12	15	40	35	36	31
544215-CT3R-SP	PECO	12	15	54	42	50	38

Notes

- Other size of outdoor transformer cabinets are available. Please refer to the Milbank Commercial Electrical Enclosure catalog, featuring NEMA-rated sheet metal products.

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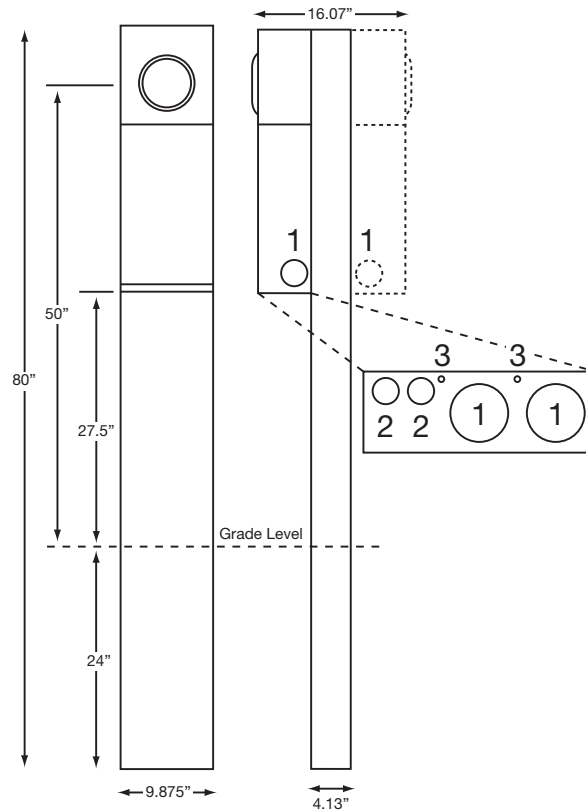


26 Meter Main with Load Center Pedestal

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



U5136-O-2005



Specifications

- UL-listed file **E90945**.
- 200 Amps maximum, 120/240V, single phase, three wire meter socket.
- Ringless meter socket with horn bypass and stainless steel latch.
- Short circuit withstand rating **22K AIC**.
- NEMA 3R construction for durable outdoor use, one piece post, both lockable and sealable.
- Milbank gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and Neutral: (2) #6-350 kcmil per phase.
- Line Ground: (4) #14-1/0.
- Load (CB): 2/0 to 300 kcmil per pole.
- Load Neutral: (1) #6-350 kcmil.
- Load Ground: (2) #14-1/0, (4) #14/6.
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 and 200 Amps. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers up to a total of 125 Amps maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens.
- Factory or field installable bridge and receptacle / circuit breaker parts available. See accessories.
- **U5136-O-100S** and the **U5136-O-200S** are approved at Dominion Power.



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Single Pedestal (Direct Burial)

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5136-O-100S	UQFPH-M-100 Series	100	4 Circuit	82
FE-PPL	U5136-O-200S	UQFPH-M-200 Series	200	4 Circuit	82

Double Pedestal (Direct Burial)

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5137-O-100S	(2) UQFPH-M-100 Series	100	4 Circuit	115
FE-PPL	U5137-O-200S	(2) UQFPH-M-200 Series	200	4 Circuit	115

K5400-BRIDGE-1POS	Self-grounded one position receptacle bridge with hardware
K5400-BRIDGE-2POS	Self-grounded two position receptacle bridge with hardware
K5415	Stabilizer Foot with hardware
K5T	Fifth terminal for 208y / 120V 3-wire service
K5193	Kit to convert series-wired main breaker to parallel
K5194	Wire kits to convert parallel-wired main breaker to series
K3450	Telephone / CATV mounting bracket (mounts left to right)

Specifications

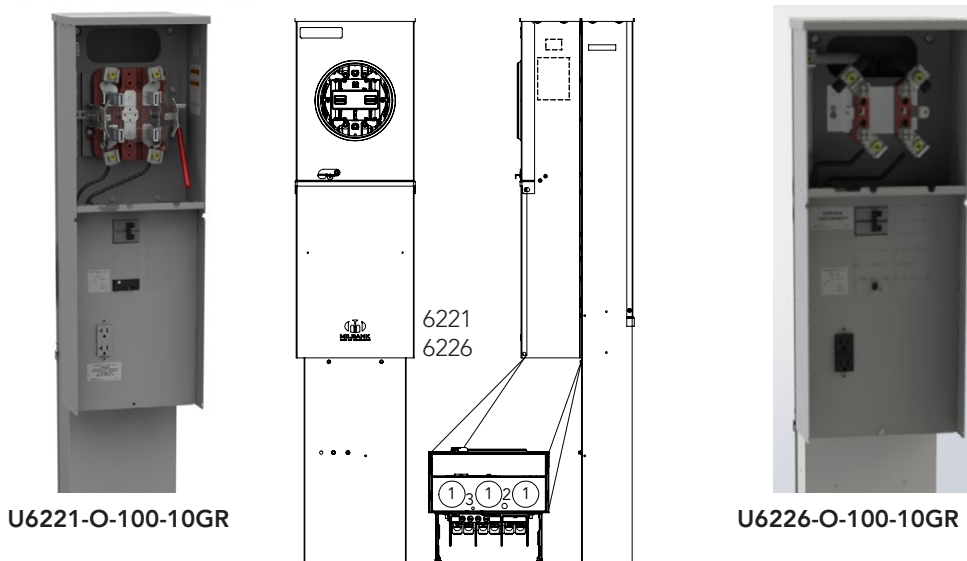
- Up to two receptacle / circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- **K5415** stabilizer foot sold separately. Recommended for double pedestals.
- Pad-mount pedestals require **K5035** pad-mount kit. Order separately.
- Stock item - availability subject to prior sale.

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MDOT Direct Bury | 100-200 Amps | 4 Terminals | 120/240V

NEC 2020 Compliant



100-200 Amps | 4 Terminals | UG

Catalog Number	Utility Approval	Amps	Positions	Hub	Bypass	Ring Type	Connectors	Knockouts		
							Line	1	2	3
U6221-O-100-10GR	BGE	100	Single	Blank	Lever Bypass	Ringless	#6-350 kcmil	2	1/2	1/4
U6221-O-200-10GR	BGE	200	Single	Blank	Lever Bypass	Ringless	#6-350 kcmil	2	1/2	1/4
U6226-O-100-10GR	—	100	Single	Blank	Heavy Duty Lever Bypass	Ring Type	#6-350 kcmil	2	1/2	1/4
U6226-O-200-10GR	—	200	Single	Blank	Heavy Duty Lever Bypass	Ring Type	#6-350 kcmil	2	1/2	1/4

Notes

- UL-listed file **E90945**.
- 200 Amps maximum, 120/240V, single phase, three wire meter socket.
- Short circuit withstand rating **22K AIC**.
- NEMA 3R construction for durable outdoor use, one piece post, both lockable and sealable.
- Milbank gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and Neutral: (2) #6-350 kcmil per phase.
- Line Ground: (4) #14-1/0.
- Load (CB): 2/0 to 300 kcmil per pole.
- Load Neutral: (1) #6-350 kcmil.
- Load Ground: (2) #14-1/0, (4) #14/6.
- Four-circuit plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers up to a total of 125 Amps maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens.
- Factory- or field-installable bridge and receptacle/circuit breaker parts available. See accessories page for details.
- MDOT embedded metered service pedestals.



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Circuit Breakers

29

UQFP Plug-In and UQFB Bolt-On Series | 120/240V



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 buss connections on line side.
- **UQFB-M:** For series main circuit breaker applications. Split load tab features allow for feed-through capability.

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**15–125 Amps Breaker
Plug-In Type | 1" 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

150–200 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

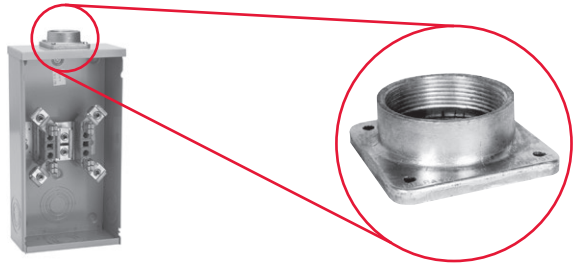
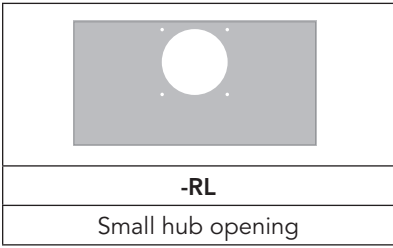
- Load connectors supplied with breakers.
- UL-listed for use with 60°C or 75°C wire.
- Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.



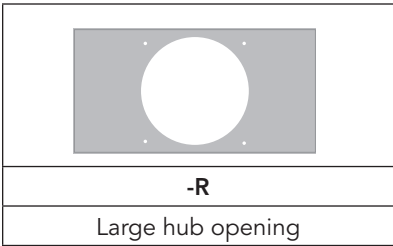
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Accessories

Hubs and Closing Plates



-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
3" hub	3 1/2" hub	4" hub	Large closing plate	Large hub opening adapted to small hub opening



Notes

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

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Connector Kits, Closing Kits and Generator Interlock

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

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



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

Bypass Link

**Note**

Consult factory for proper connector kits for studded meter sockets.

Closing Covers

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

Disconnect Sleeve


M5-144
Do not use with lever bypass sockets.




Note

Consult factory for kits that are available.

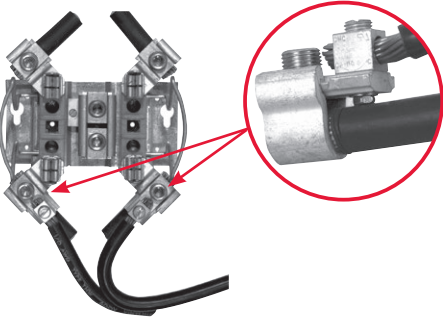
Accessories

Fifth Terminal, Tap Connectors and Block Assemblies

Fifth Terminal

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

Tap Connectors (3 per set)

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

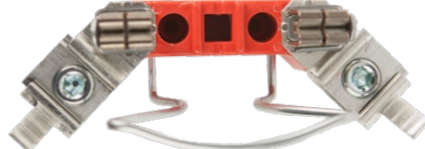
Triplex Ground


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

100 Amps Blocks *(single sockets only)*


BL7499 - Block Assembly (w/ horn bypass)

200 Amps Blocks *(single sockets only)*


K4529 - Internal Hex Block Assembly (w/ horn bypass)

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Utility Approval List

Catalog Number	DPL	PEPCO	SMECO	FE	PECO	DEC
125A 4T 1 PH 3W						
U7487-XL-KK-SMECO			X			
U7487-YL-TG-KK-BLG				X		
U7487-RL-TG-KK-BLG				X		
200A 4T 1 PH 3 W						
U7040-RL-KK-DPL	X					
S1619-XL		X				
U7040-XL-KK-SMECO			X			
U4979-XL-SMECO (Dual Lug)			X			
U7021-RL-KK-BLG					X	
U7021-RL-TG-KK-BLG				X		
200A 4T 1 PH 3 W UG						
U1980-O-KK-DPL	X					
U1980-O-KK-BL						
U2986-O-PEP		X				
U3126-O-KK-BLG				X		
U4413-O-KK-BLG				X		
U4413-O-KK-BL					X	
U4413-O-KK-PEP		X				
200A 5T 3 PH 4 W OH/UG						
U9551-X-DPL	X					
S3970-XL		X				
U9551-R-5T9				X		
200A 7T 3 PH 4 W						
U-4029-X-DPL	X					
S8930-XL		X				
U9701-RXL-SMECO			X			
U9701-RRL-BLG				X		
U3786-O-BLG				X		
U9700-RRL-BLG					X	
320A 4T 1 PH 3 W						
U1729-X-DPL	X					
U5161-X-PEP		X				
U4778-X-K3-K2-SMECO			X			
U1779-R-K3-BLG				X		
U4912-X-K3-BLG				X		
320A 4T 1 PH 3 W						
U1779-R-K3-BLG				X		
U5161-X-PEP		X				
S6142-X-INV-DPL	X					
U4778-X-K3-K2-SMECO			X			
U1797-O-K3L-K2L						X
U3000-O-2/K3L-BL					X	
U4912-X-K3-BLG				X		
320A 7T 1 PH 3 W						
U4013-X						X
U4168-X-K7-BLG				X		

Catalog Number	DPL	PEPCO	SMECO	FE	PECO
4T 1 PH 3 W METER MAIN - LDCNTR					
U5168-XL-100-KK-BLG				X	X
U5168-XL-200-KK-BLG				X	X
U5897-RL-150-KK-PEP		X			
U5897-RL-150-KK-DPL	X				
U5897-RL-200-KK-DPL	X				
U5897-RL-200-KK-PEP		X			
U5898-O-200-KK-BLG				X	X
100 A GANG SOCKETS					
U8212-XL-KK-BLG				X	
U8213-XL-KK-BLG				X	
U8214-XL-KK-BLG				X	
U8215-XL-KK-BLG				X	
U8216-XL-KK-BLG				X	
U8032-XL-KK-BL					X
U8033-XL-KK-BL					X
U8034-XL-KK-BL					X
U8035-XL-KK-BL					X
U8036-XL-KK-BL					X
U8032-XL-KK-BLG				X	
U8033-XL-KK-BLG				X	
U8034-XL-KK-BLG				X	
U8035-XL-KK-BLG				X	
U8036-XL-KK-BLG				X	
200 A GANG SOCKETS HORIZONTAL					
U1252-X-KK-K3-DPL	X				
U1252-X-KK-K3-BLG				X	
U1253-X-KK-K3-DPL	X				
U1253-X-KK-K3-BLG				X	
U1254-X-KK-K3-DPL	X				
U1254-X-KK-K3-BLG				X	
U1255-X-KK-K3-BLG				X	
U1256-X-KK-K3-DPL	X				
200 A GANG SOCKETS Vertical MM					
U2862-X-2/200-KK-K3-DPL	X				
U2863-X-3/200-KK-K3-DPL	X				
125-200 A GANG SOCKETS HORIZONTAL MM					
U5902-X-KK-BL					X
U590-X-KK-BL					X
U5882-X-KK-BL					X
U5883-X-KK-BL					X
U5884-X-KK-BL					X
U5885-X-KK-BL					X
U5886-X-KK-BL					X
U-5882-X-2/200-KK-K3-DPL	X				
U-5882-X-4/200-KK-K3-DPL	X				
U-5882-X-6/200-KK-K3-DPL	X				



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Utility Approval List

35

Catalog Number	DPL	PEPCO	SMECO	FE	PECO	DEC	BGE	PPL
20A CT RATED SOCKET								
CE136-CECHA					X			
TRANSFORMER CABINETS								
82410-CTC1-SP					X			
43210-CTC1-SP					X			
323210-CTC1-SP					X			
324210-CTC1-SP					X			
425412-CTC1-SP					X			
281815-CT3R-SP					X			
303515-CT3R-SP					X			
324215-CT3R-SP					X			
403515-CT3R-SP					X			
544215-CT3R-SP					X			
VERSA PED								
U5136-O-100S				X				X
U5136-O-200S				X				X
U5136-O								
U5137-O-100S				X				X
U5137-O-200S				X				X
100-200A 4T MM								
U6221-O-100-10GR							X	
U6221-O-200-10GR							X	
U6226-O-100-10GR								
U6226-O-200-10GR								

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36

Multi-Position Tap Box

Three Phase | Aluminum | Wall- or Pad-Mountable



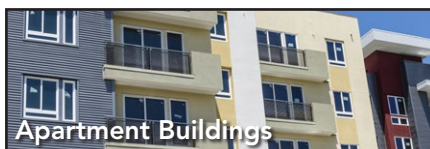
Features

- **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:** Enclosure handle includes a penta bolt locking mechanism (see photos below) for enhanced protection. Does not come standard.



Optional (not standard)

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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Power Distribution & Controls

37

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

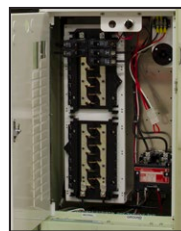
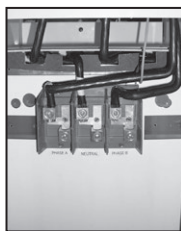


Commercial Pedestal

UL Listed as Industrial Control Equipment (File E113855)

Standard Features

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



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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

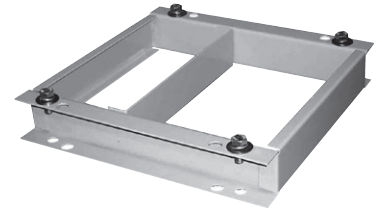
Options

- 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.

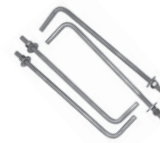


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Accessories



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



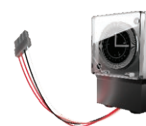
CP-ABK5/8
Anchor bolt kit
(includes four 5/8 - 13 x 18" anchor bolts)



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

Power Distribution & Controls

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

Application: Remote site service for multiple loads

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

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

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

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional 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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Power Distribution & Controls

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.

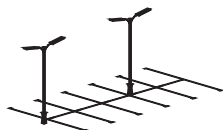


Ringless Lever Bypass shown

Applications



Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



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Commercial Pedestals

CP3B "400" 400 Amps Series



Milbank 400 Amps Commercial Pedestals are designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

- Choice of a single main breaker or twin service disconnect breakers gives flexibility to the pedestal design.
- Optional distribution with feed-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 or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Available in custom colors to match home or landscaping.

Features

These units include everything required for remote service:

- NEMA 3R construction.
- Main circuit breaker or dual service disconnects.
- Expandable load center units allow for future expansion without costly modifications.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- A separate sealable and lockable utility termination section with lug termination.
- A separate sealable and lockable metering section.
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation.
- Meter socket options include ring-type with bypass studs, ringless with Heavy Duty lever bypass, or K-Type bolt-on.

Typical Applications

Remote site service for residential and commercial job sites.

Standard Pedestals	Optional Fifth Terminal Kit	Main CB	Load Center Circuits	Meter Socket Type
CP3B54120B22	K3865	2-200 Amps	(2) 12 circuit	Ringless with lever bypass
CP3B5411JB22	K3865	320 Amps (400 max)	0	Ringless with lever bypass

Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.
- Stud utility landing is standard. Lug kits are available from factory.
- Units with load centers have (2) #6-250 sub-feed lugs on each load center. (Each load center is 200 Amps rated and UL-listed with: Siemens, General Electric and Cutler-Hammer plug-in style circuit breakers.)

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Commercial Pedestals

CP3B "IR" Irrigation Control Series



Milbank "IR" Series Irrigation Pedestals are designed and manufactured to enable quick and easy installation. One technician can typically install a pedestal in under an hour- a fraction of the time needed for strut farm and other installation set ups.

Pedestals are prewired, streamlining the overall installation process into just a few simple steps. Prewired landing lugs are provided in a separate utility side, eliminating the need to wrestle with hard-to-bend wires. Both the motor starter and disconnect are housed in the same lockable pedestal, protecting against vandalism and potential energy theft.

Features

- 3Ø4W, 480Y/277V
- All units are UL-listed
- All units are service entrance rated
- Fused disconnect with accessible handle through the deadfront
- HOA and push button start
- Separate accessible utility side with pre-wired landing lugs
- NEMA rated starters (sizes 1-5)
- Soft start units sizes 30HP-150HP
- 30 Amps fuse block for pivot pre-wired in the unit
- White powder coated finish for cooling effect
- Options include:
 - Hour meter
 - Chemical injection receptacle
 - Multiple injection receptacle
 - Multiple 30 Amps fuse blocks possible

Typical Applications

Power pedestal for irrigation systems or other pump control applications.

Standard Pedestals	Exterior Cabinet	NEMA Rating
CP3B0281UMWIR04	White	4
CP3B0281UMWIR03	White	3
CP3B0181UMWIR02	White	2

Notes

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



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CP3B "BBS" Battery Backup Series



Milbank BBS Series Commercial Pedestals are designed to provide battery backup power for various loads and as a switch for specific loads under certain conditions. For example, a photoelectric cell or time clock to control lighting circuits. They are available as metered or unmetered.

Features

- NEMA 3R construction
- 100-320 Amps meter socket with additional options:
 - Ring-type socket (conforms to EUSERC 308)
 - With or without test/bypass blocks
 - Optional heavy duty ringless socket with lever bypass
- Separate sealable utility termination compartment
- An isolated separate customer section with service disconnects, power distribution options and power control
- 19" wide rack in customer compartment for easy layout of equipment
- Battery trays
- Thermostat with cooling fan
- Filtered louvers for heat rise flow through ventilation
- Three point door latch (key or padlockable)

Typical Applications

Metered emergency uninterrupted power for traffic intersections, wireless, phone and communications equipment, parking lots, camera and security locations.

Options

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

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Commercial Pedestals

CP3B "Power Transfer" Series



Milbank Power Transfer Series Pedestals provide unmetered AC power, distribution, surge suppression, mechanical interlock and a standby generator receptacle - all in a neat, compact pedestal.

Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- 60-400 Amps ratings
- UL-listed NEMA 3R rated
- Padlockable, isolated utility compartments
- 20 Amps GFI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available



Typical Applications

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power.



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Commercial Pedestals

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CP3BB "CT Metered" Series



Milbank CT Metered Series Commercial Pedestals are designed to be used where a smaller service package would be a better choice over large 3R rated combination switchboards. These pedestals have Amperage ratings of 400 to 800 Amps at voltages up through 480V three phase.

Features

- UL-listed, freestanding NEMA 3R service
- A low profile CT pedestal
- All utility equipment is isolated in separated padlockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Deadfront customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel.
- Variety of powder paint colors

Typical Applications

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

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CP3A "Slimline" Series



Typical Applications

Roadway lighting and signage, wastewater treatment facilities, parks and landscaping, and any application where physical space is at a premium

Milbank Slimline Series Commercial Pedestals provide a sleeker, smaller footprint. Wireway access on the side of the unit, rather than the back, allows for maximum flexibility to install the pedestal in tighter places.

Features

- UL-listed as service equipment.
- Available in 100 or 200 Amps.
- Vandal-resistant with a secure and attractive design.
- Customer compartment with distribution and control equipment.
- Swing deadfront door is secured with both a hasp/latch and draw latch outer door.
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism.
- Wireway located on the left side of the pedestal for incoming utility wire, allows pedestal to be mounted very close to a wall (14").
- Available in 12" and 20" widths
- Metered pedestal heights are available as either 50" or 63".
- Unmetered pedestal height is 43".
- Pedestals include a print pocket for plans and drawings.
- Available as 200 Amps main.
- Voltage range of 120V to 480V.
- Compatible with both ringless and ring-type meter sockets, 4-7 terminals.
- Available in a wide variety of colors, including (but not limited to) all ANSI powder coated paint colors.
- Pedestal mounting base option save time and labor to install on a cement pad, anchor bolts not required.
- Powder coated G90 galvanized steel, raw, anodized or powder coated aluminum and stainless steel exterior options.

"Slimline" Series Direct Bury Extension



- No need for concrete
- Bolts directly to unit
- Easy, modular design
- Ships in a smaller package
- Increases project flexibility
- Easier to handle and install
- Utilizes stabilizer feet to prevent leaning over time
- Pedestal and extension can be installed within 45 minutes

Notes

- 14-gauge steel
- Only available for 12" pedestals



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NEMA Commercial Enclosures

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Strong and Secure | Powder Coated | NEMA Rated

NEMA Commercial Enclosures

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

Type-1 Enclosures

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



NEMA 3R Enclosures

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

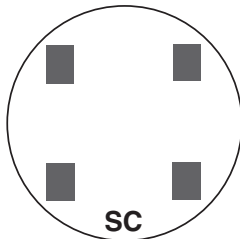


Type-1 and 3R Wireway

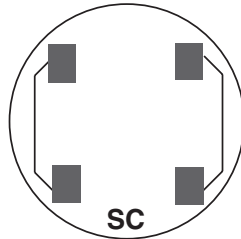
Milbank's wide range of wireway is available in many styles and sizes and its wide range of fittings allows it to smoothly transition to and from competitors' products.

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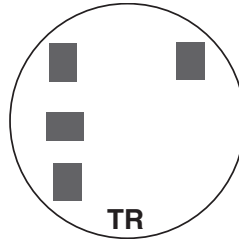




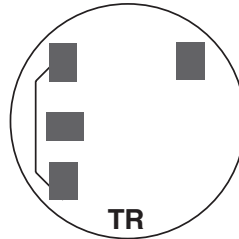
2 and 3-WIRE FORMS
1S & 2S



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



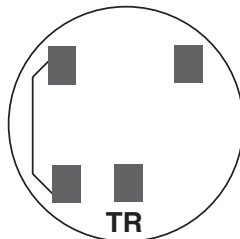
2-WIRE FORM 3S
5th Term. 9 o'clock



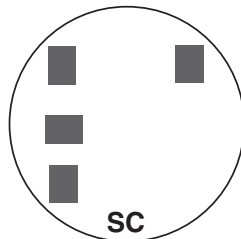
2-WIRE FORM 3S
with BYPASS



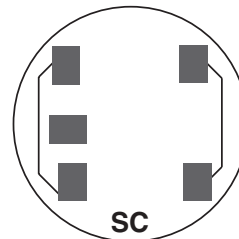
2-WIRE I
5th Term.



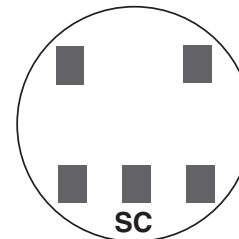
2-WIRE FORM 3S
with BYPASS



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



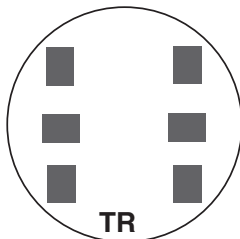
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 9 o'clock



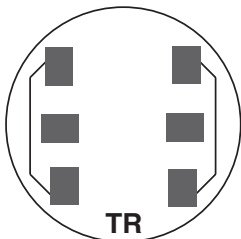
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



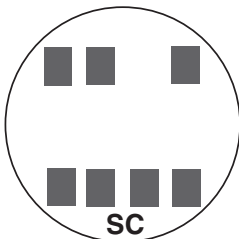
2 ELEME
NETWORK
with 5th
5th Term



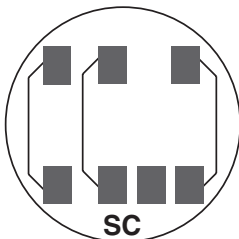
3-WIRE FORM 4S



3-WIRE FORM 4S
WITH BYPASS



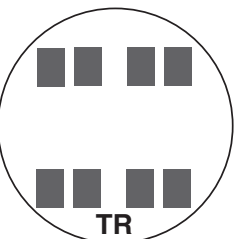
2 or 3 ELEMENT
3Ø4W Y or
Y FORM 14S
FORM 15S
Y FORM 16S



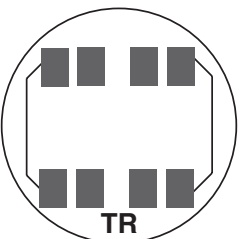
2 or 3 ELEMENT
3Ø4W Y or
FORMS 14S & 15S
with BYPASS



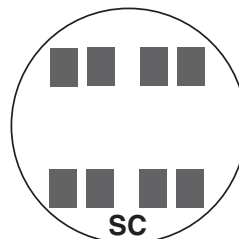
2 ELE
3Ø4'
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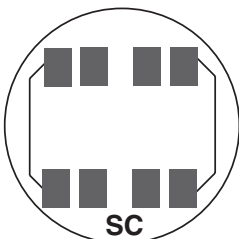
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



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



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S



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



2 or 3 E
3Ø4'
Y FC
FOF

TR = TRANSFORMER RATED
SC = SELF CONTAINED



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Reference Information

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

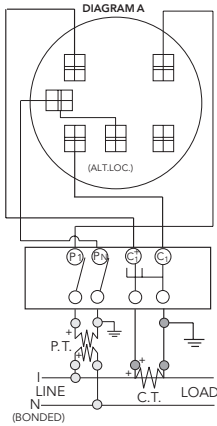


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter (2W1Ø) - Form 3S
5T Socket, Test Switch #TS04-0101

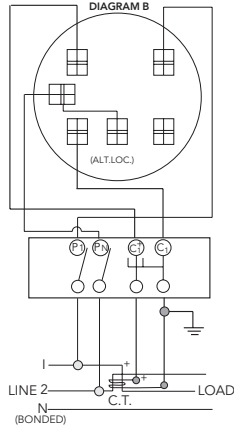


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter (3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

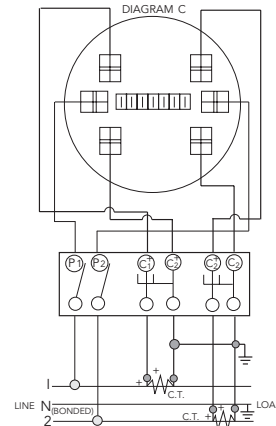


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

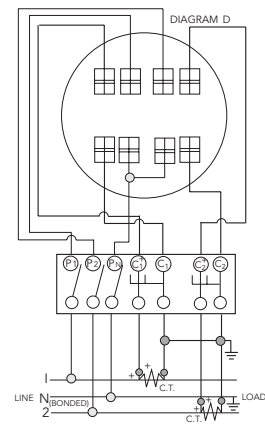


DIAGRAM E
3Ø3W "Δ" with 2 P.T.'s and 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

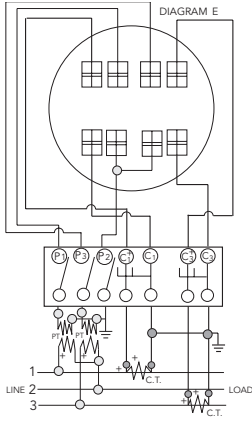


DIAGRAM F
3Ø3W "Δ" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

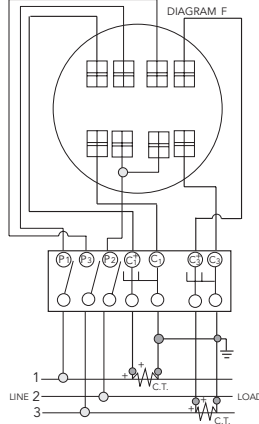


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

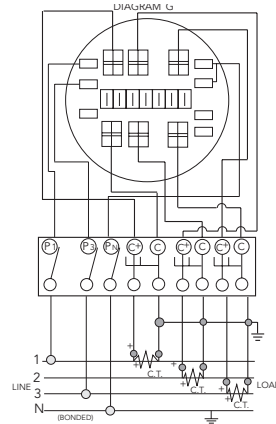


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s and 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

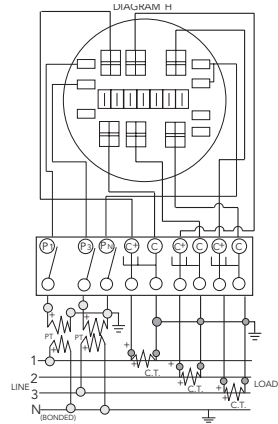


DIAGRAM I
3Ø4W "Y" or "Δ" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"Δ" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

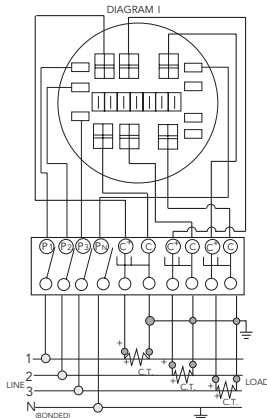
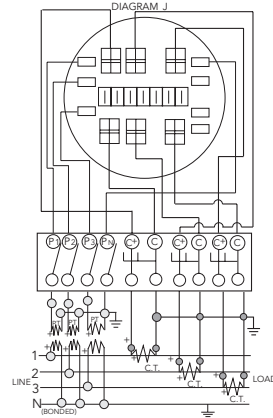


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s and 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



Prewiring

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

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Conduit, Ampacity and SCCR

Reference Information

MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

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

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

SAMPLE RATING LABEL

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

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

SUITABLE FOR USE AS RECREATIONAL VEHICLE SITE SUPPLY EQUIPMENT

UNDERGROUND FEED ONLY

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

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

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

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

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

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

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

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

Ampacity CORRECTION FACTORS

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

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

Overall Ampere ratings of UL-listed Milbank multiple position meter sockets are based on **2008 NEC 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 UL-listed gang sockets meet or exceed these diversity factor / demand and factor requirements. Standard overall Ampacity ratings for UL-listed and non-UL-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**.

† Unless otherwise permitted elsewhere in the Code, the overcurrent protection for conductor types marked with an obelisk (†) shall not exceed 15 Amps for 14 AWG, 20 Amps for 12 AWG, and 30 Amps for 10 AWG copper; or 15 Amps for 12 AWG and 25 Amps for 10 AWG aluminum and copper-clad aluminum after any correction factors for ambient temperature and number of conductors have been applied.

Some constructions are rated at 400 Amps overall (1252). Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.



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Energization of Electrical Equipment

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Important Information for Installers

Important Note

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

Before Energizing

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

When Energizing

Use caution and follow established safety procedures:

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

After Energizing

Secure the installation:

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

Recommended Torque for General Applications*

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

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

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Materials

Steel Quality

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

Steel Sheet

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

Aluminum Extrusion

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

Aluminum Sheet

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

Copper Sheet and Buss

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fasteners

Zinc-coated with a chromate dip.

Ratings and Compliance

Ratings and Compliance

All Milbank electrical enclosures in this catalog are rated "NEMA 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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Symbols			
5T8K2.....	33	K3865.....	33
6002.....	32	K3866.....	33
6003.....	32	K4529.....	33
6116.....	32	K4977-EXT.....	33
182410-CTC1-SP.....	25	K4977-INT.....	33
243210-CTC1-SP.....	25	K5022-INT.....	33
281815-CT3R-SP.....	25	K8180.....	32
303515-CT3R-SP.....	25		
323210-CTC1-SP.....	25	M	
324210-CTC1-SP.....	25	M5-144.....	32
324215-CT3R-SP.....	25		
403515-CT3R-SP.....	25	Q	
425412-CTC1-SP.....	25	Q115.....	30
544215-CT3R-SP.....	25	Q115H.....	30
		Q120.....	30
		Q120H.....	30
A		Q125.....	30
A7514.....	31	Q125H.....	30
A7515.....	31	Q130.....	30
A7516.....	31	Q130H.....	30
A7517.....	31	Q135.....	30
A7518.....	31	Q135H.....	30
A7551.....	31	Q140.....	30
A8110.....	31	Q140H.....	30
A8111.....	31	Q150.....	30
A8112.....	31	Q150H.....	30
A9064.....	31	Q160.....	30
		Q160H.....	30
B		Q170.....	30
BL7499.....	33	Q170H.....	30
		Q215.....	30
C		Q215H.....	30
CE136-CECHA.....	24	Q220.....	30
		Q220H.....	30
K		Q225.....	30
K5T.....	33	Q225H.....	30
K1190.....	33	Q230.....	30
K1350.....	32	Q230H.....	30
K1350L.....	32	Q235.....	30
K1539.....	32	Q235H.....	30
K1540.....	32	Q240.....	30
K1540L.....	32	Q240H.....	30
K1541.....	32	Q250.....	30
K3082.....	32	Q250H.....	30
K3083.....	32	Q260.....	30
K3441.....	32	Q260H.....	30
K3442.....	32	Q270.....	30
		Q270H.....	30
		Q280.....	30
		Q280H.....	30
		Q290.....	30
		Q290H.....	30
		Q2100.....	30
		Q2100H.....	30
		Q2125.....	30
		Q2125H.....	30
		QN2150.....	30
		QN2150H.....	30
		QN2150R.....	30
		QN2150RH.....	30
		QN2200.....	30
		QN2200H.....	30
		QN2200R.....	30
		QN2200RH.....	30
		S	
		S1619-XL.....	10
		S3970-XL.....	12
		S6142-X-INV-DPL**.....	13
		S8324.....	31
		S8930-XL.....	12
		U	
		U1252-X-KK-K3-BLG*.....	21
		U1252-X-KK-K3-DPL.....	21
		U1253-X-KK-K3-BLG*.....	21
		U1254-X-KK-K3-BLG*.....	21
		U1254-X-KK-K3-DPL.....	21
		U1255-X-KK-K3-BLG*.....	21
		U1256-X-KK-K3-BLG*.....	21
		U1256-X-KK-K4-DPL.....	21
		U1779-R-K3-BLG.....	13
		U1797-O-K3L-K2L.....	13
		U1980-O-KK-BL**.....	11
		U1980-O-KK-DPL.....	11
		U2986-O-PEP.....	11
		U3000-O-2/K3L-BL.....	13
		U3126-O-KK-BLG*.....	11
		U3771-XL-100.....	15
		U3786-O-BLG.....	12
		U3791N-RXL-100-5T9.....	15
		U3791N-RXL-150-5T9.....	15
		U3791N-RXL-200-5T9.....	15
		U3791N-RXL-200-BL.....	15
		U3802.....	6
		U3812.....	6

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U3822-20GWR	7	U8032-XL-KK-BLG**	19	UQFPH-125	29
U3832	6	U8033-XL-KK-BL*	19	UQFPH-150	29
U3862	6	U8033-XL-KK-BLG**	19	UQFPH-175	29
U4013-X*	13	U8034-XL-KK-BL*	19	UQFPH-200	29
U4029-X-DPL	12	U8034-XL-KK-BLG**	19	UQFPH-M-100	29
U4168-X-K7-BLG	13	U8035-XL-KK-BL*	19	UQFPH-M-125	29
U4413-O-KK-BL**	11	U8035-XL-KK-BLG**	19	UQFPH-M-150	29
U4413-O-KK-BLG*	11	U8036-XL-KK-BL*	19	UQFPH-M-175	29
U4778-X-K3-K2-SMECO*	13	U8036-XL-KK-BLG**	19	UQFPH-M-200	29
U4881-O	8	U8212-XL-KK-BLG*	18	UQFP-M-100	29
U4881-O-50GB	8	U8213-XL-KK-BLG*	18	UQFP-M-125	29
U4881-O-60GB	8	U8214-XL-KK-BLG*	18	UQFP-M-150	29
U4912-X-K3-BLG*	13	U8215-XL-KK-BLG*	18	UQFP-M-175	29
U4979-XL-SMECO	10	U8216-XL-KK-BLG*	18	UQFP-M-200	29
U5161-X-PEP*	13	U9551-R-5T9	12	USE-22-200-MB	14
U5168-XTL-100-KK-BLG	16	U9551-X-DPL	12		
U5168-XTL-200-KK-BLG	16	U9700-RRL-BLG*	12		
U5750-RXL-200-BL	15	U9701-RRL-BLG*	12		
U5882-X-2/200-KK-K3-DPL	23	U9701-RXL-SMECO	12		
U5882-X-KK-BL**	23	UAP6094-O	36		
U5883-X-KK-BL**	23	UAP6095-O	36		
U5884-X-4/200-KK-K3-DPL	23	UAP6096-O	36		
U5884-X-KK-BL**	23	UQFB-100	29		
U5885-X-KK-BL**	23	UQFB-100-X1	29		
U5886-X-6/200-KK-K3-DPL	23	UQFB-125	29		
U5886-X-KK-BL**	23	UQFB-125-X1	29		
U5897-RL-150-KK-DPL*	16	UQFB-150	29		
U5897-RL-150-KK-PEP	16	UQFB-150-X1	29		
U5897-RL-200-KK-DPL*	16	UQFB-175	29		
U5897-RL-200-KK-PEP	16	UQFB-175-X1	29		
U5898-O-200-KK-BLG**	16	UQFB-200	29		
U5902-X-KK-BL**	23	UQFB-200-X1	29		
U5905-X-KK-BL**	23	UQFBH-100	29		
U5971-XL-200	14	UQFBH-125	29		
U6221-O-100-10GR	28	UQFBH-150	29		
U6221-O-200-10GR	28	UQFBH-175	29		
U6226-O-100-10GR	28	UQFBH-200	29		
U6226-O-200-10GR	28	UQFBH-M-100	29		
U6584-O-2/200-BL	17	UQFBH-M-125	29		
U6589-X-2/200 BL	17	UQFBH-M-150	29		
U7021-RL-KK-BLG*	10	UQFBH-M-175	29		
U7021-RL-TG-KK-BLG*	10	UQFBH-M-200	29		
U7040-RL-KK-DPL*	10	UQFP-100	29		
U7040-XL-KK-SMECO	10	UQFP-125	29		
U7487-RL-TG-KK-BLG*	9	UQFP-150	29		
U7487-XL-KK-SMECO	9	UQFP-175	29		
U7487-YL-TG-KK-BLG*	9	UQFP-200	29		
U8032-XL-KK-BL*	19	UQFPH-100	29		

W

WBJ2150	30
WBJ2200	30



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