

MILBANK[®]
ENERGY AT WORK



Northern Indiana Public Service Co.

Meter Mounting Equipment



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

METERING



As a market leader in electrical metering equipment, Milbank has set the standard for quality since 1927. Hundreds of configurations are available, including many sizes, knockout configurations, terminal configurations, bypass options, 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, wireway, trough and industrial panel mount and push-button enclosures. Built with high-quality craftsmanship and materials which meet or exceed industry standards, Milbank enclosures are made to protect controls and equipment from dust, dirt and other harmful elements found in a wide variety of environments.

ENCLOSED CONTROLS



Milbank doesn't just build empty enclosures. We can deliver the entire package, complete with custom control equipment built to your exact specifications by our engineers. Milbank commercial pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures.



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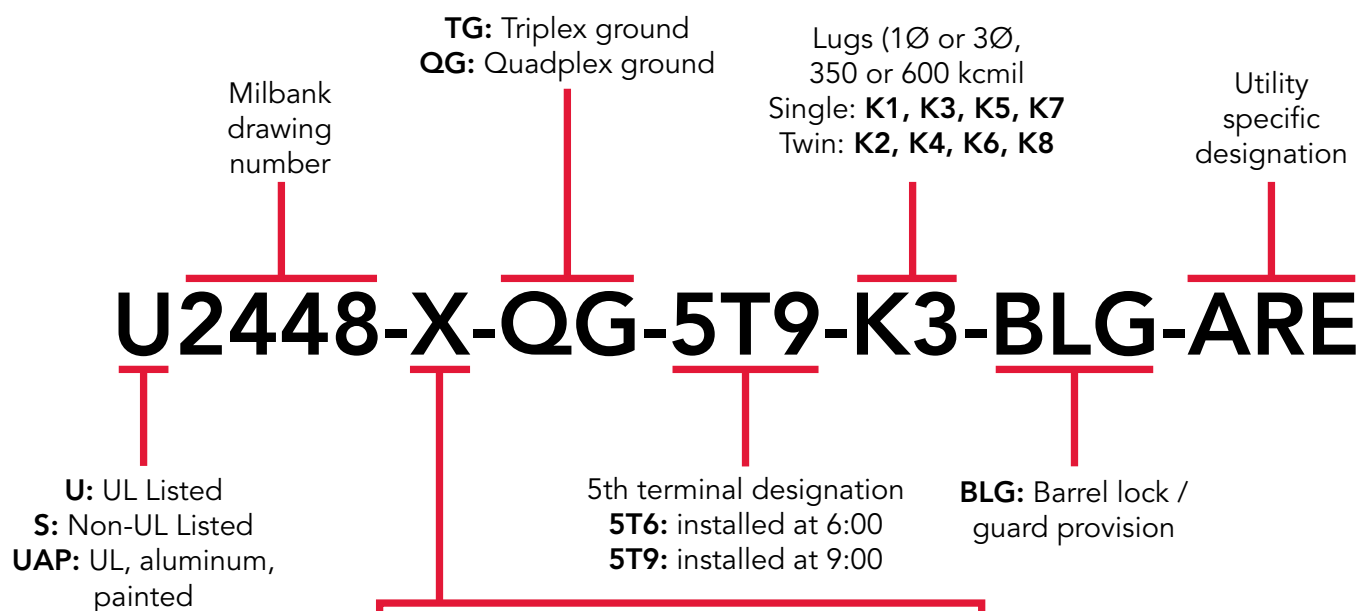


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Catalog Number Logic

How our product catalog numbers are derived

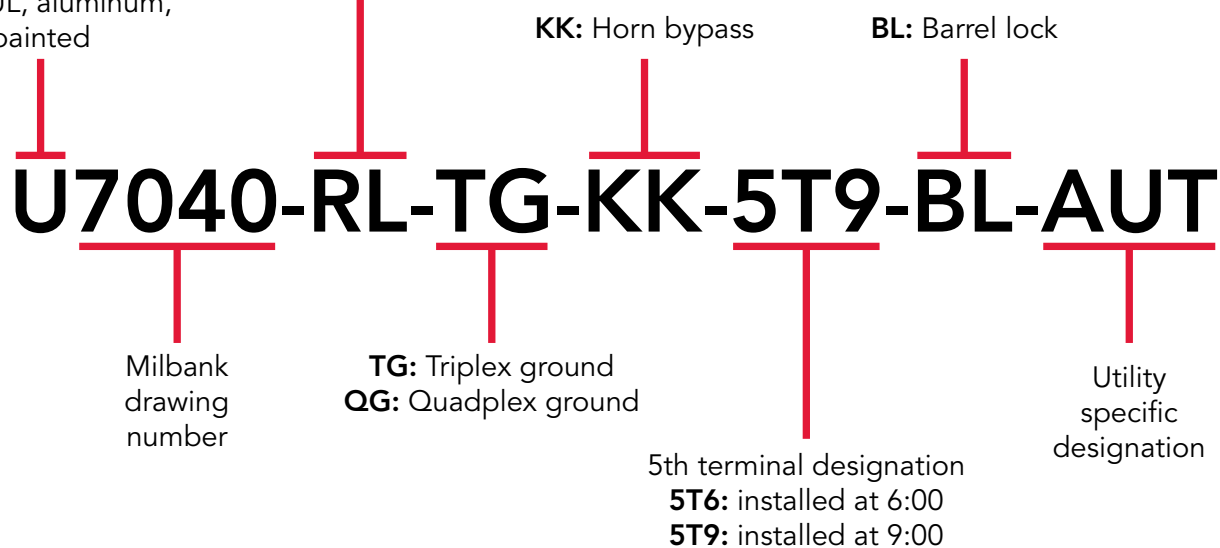
5
CATALOG
NUMBER
LOGIC



Hub Openings & Closing Plates

-O	Blank top	-PXL	Closing plate packed inside
-RL	Small hub opening	-WL	1" hub
-R	Large hub opening	-YL	1¼" hub
-XL	Small closing plate	-ZL	1½" hub
-XT	(2) Large Closing plates	-DL	2" hub
-XTL	(2) Small closing plates	-EL	2½" hub
-X	Large closing plate	-F	3" hub
-RXL	Large hub opening adapted to small closing plate	-G	3½" hub
-RRL	Large hub opening adapted to small hub opening	-H	4" hub

U: UL Listed
S: Non-UL Listed
UAP: UL, aluminum, painted



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Air Conditioner Disconnects

30-60 Amp | Fusible & 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 G90U 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 Amp | 1Ø 240 VAC | Air Conditioner Disconnects

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

Notes

- UL listed as Enclosed Pullout Switch.
- Type 3R rain resistant.
- One-inch concentric knockouts.



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Air Conditioner Disconnects

20 Amp GFCI Receptacle



U3822-20GWR

Specifications

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

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

Catalog Number	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
				CU	AL		D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4⅞	5¼	7⅝	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

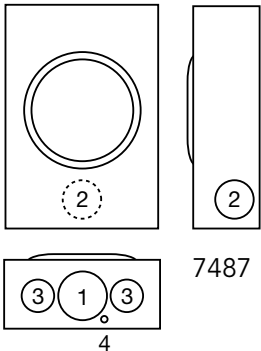
- 240 volt ground fault protection
- UL listed, Type 3R rain resistant
- 2-pole, 50 amp GFCI breaker protection
- Compact size
- Three or four wire installation
- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

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

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

Single Position Sockets

125 Amp | 4 Terminal | Ringless | 600 VAC



U7487-RL-TG-KK

125 Amp | 4 Terminal | Ringless | Single Position

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7487-RL-TG-KK	4	OH	H.O.	#6-2/0	#6-2/0	Horn	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** The horn type bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- **Connectors:** Extruded aluminum connectors are tin plated. Unit is supplied with a triplex neutral.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **5T8K2**.

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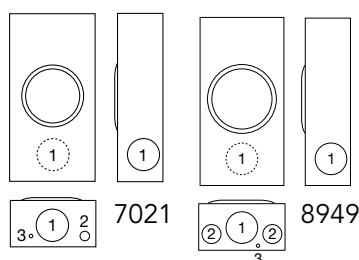


Single Position Sockets

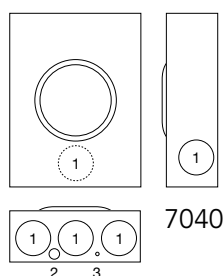
200 Amp | 4 Terminal | Ringless



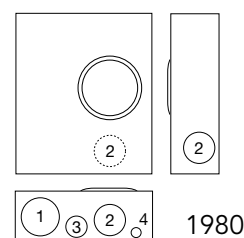
U7021-RL-TG-KK



U7040-RL-TG-KK



U1980-O-KK



200 Amp | 4 Terminal | Ringless | Single Position | 1Ø3W

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U8949-RL-TG-KK	4	OH	H.O	#6-350 kcmil		Horn	4 1/8	8	15 1/2	2 1/2	1 1/4	1/4
U7021-RL-TG-KK	4	OH	H.O.	#6-350 kcmil		Horn	4 1/8	8	15 1/2	2 1/2	1/2	1/4
U7040-RL-TG-KK	4	OH/UG	H.O	#6-350 kcmil		Horn	4 1/8	11	15 1/2	2 1/2	1/2	1/4

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Fifth Terminal:** For field mounted fifth terminal on the **U8949, U7021 & U7040** order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Ground:** For indoor service for **U8949** order as extra catalog number **BL1048-KK** block assembly to be installed to provide insulated neutral.

200 Amp | 4 Terminal | Ringless | Side Wireway | 1Ø3W

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

Notes

- **Fifth Terminal:** For factory installed fifth terminal in the 9 o'clock position add the suffix **-5T**. For field mounted fifth terminal order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin plated.



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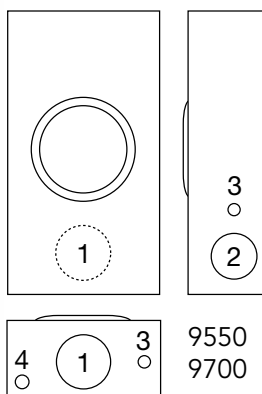
Single Position Sockets

200 Amp | 5 & 7 Terminal | Lever Bypass

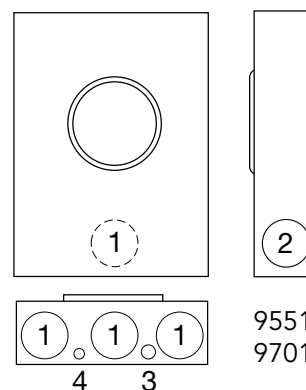
1 1
200 AMP
SINGLE
POSITION
SOCKETS



U9550-RL



U9701-O



200 Amp | 5 Terminal | Ringless | 1Ø or 3Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9550-RL*	OH	H.O.	#6-350 kcmil		Lever	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₂
U9551-O*	UG	Blank	#6-350 kcmil		Lever	4 ¹ / ₈	13	19	3	2 ¹ / ₂	¹ / ₂	¹ / ₄

200 Amp | 7 Terminal | Ringless | 3Ø4W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9700-RRL	OH	H.O.	#6-350 kcmil		Lever	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₂
U9701-O	UG	Blank	#6-350 kcmil		Lever	4 ¹ / ₈	13	19	3	2 ¹ / ₂	¹ / ₂	¹ / ₂

Notes

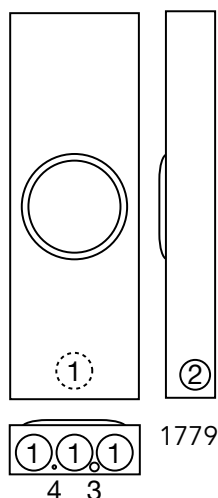
- **Fifth Terminal:** Fifth terminal is supplied in the 6 o'clock position. For factory installed fifth terminal in the 9 o'clock position add the suffix **-5T9** to the catalog number.
- **Hubs:** For proper hub selection see the hub suffix chart on accessory page.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.
- **Insulated Neutral:** For field installed insulated neutral for the **U9701** order kit number **K1047**.

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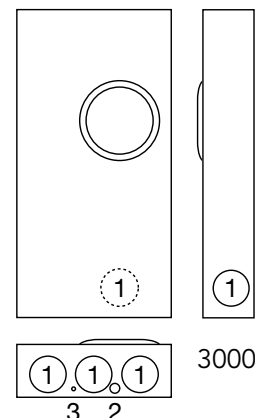


Single Position Sockets

320 Amp | 4 Terminal | Lever Bypass | Ringless



U1779-RRL



U3000-O-K3L-K2L

320 Amp | 4 Terminal | Lever Bypass | Ringless | Single Position | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U1779-RRL	OH	H.O.	3/8"-16 STUD	3/8"-16 STUD	Lever	4 ⁷ / ₈	13	38 ³ / ₄	3	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄
U3000-O-K3L-K2L	UG	Blank	#4-600 kcmil (2) 1/0-250 kcmil	TWIN #6-350 kcmil	Lever	4 ⁷ / ₈	15	30	3	1 ¹ / ₂	1 ¹ / ₄	—

Notes

- **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 at the suffix **-5T9** to the catalog number. For field installed fifth terminal, order as extra **K3865**.
- **Hubs:** For proper hub selection see the hub suffix chart on accessory page.
- **Connectors:** See accessories page.



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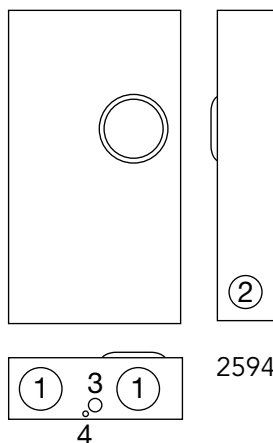
Single Position Sockets

320 Amp | 7 Terminal | Lever Bypass | Ringless

1 3
320 AMP
SINGLE
POSITION
SOCKETS



U2594-X-K7



320 Amp | 7 Terminal | Side Wireway | Ringless | 3Ø4W

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U2594-X-K7	7	OH/UG	C.P.	#4-600 or (2) 1/0-250	3/8" x 16 Studs	Lever	6½	19	34⅞	4	3	1	¼

Notes

- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Inversion Clip:** Inversion clip, if required, **K4802** must be field installed.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.

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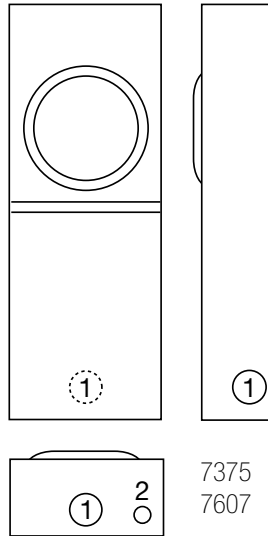


Meter Mains

100-200 Amp | Single Position | 240 VAC



U7375-RL-KK



U7607-RL-200-KK-CECHA
supplied with 200 amp circuit breaker

100 Amp | 4 Terminal | Meter Mains | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts	
			Line	Load	D"	W"	H"	1	2
U7375-RL-KK	OH	C.P.	#6-2/0	C.B.	3 3/4	8 5/8	22	1 1/4	1/4, 1/2

Notes

- **Circuit Breaker:** Main circuit breaker not supplied with unit. For 100 amp service, order catalog number **Q2100** separately. See circuit breaker chart on accessory page for other compatible models.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **5T8K2**.
- **Hubs:** Order hubs separately — see accessory page for ordering information.

200 Amp | 4 Terminal | Meter Mains | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts	
			Line	Load	D"	W"	H"	1	2
U7607-RL-200-KK-CECHA	OH	H.O.	#6-350	#1-300	4 1/2	8 5/8	29	2	1/4, 1/2

Notes

- **Circuit Breaker:** 200 amp main circuit breaker factory bussed. Order catalog number **UQFB-200-X1** for replacement. Other amperages available — see circuit breaker chart on accessory page.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **K5T**.
- **Hubs:** Order hubs separately — see accessory page for ordering information.



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Meter Mains With Load Center

100-200 Amp | 4 Terminal | Ringless | 120/240 VAC

15
100-200 AMP
METER MAIN
W/ LOAD CENTER



U5168-XTL-200-KK


100-200 Amp | 4 Terminal | Meter Mains with Load Center | Horn Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL – Line	Bypass	Branch Circuits	Dimensions			Knockouts					
						D"	W"	H"	1	2	3	4	5	6
U5168-XTL-100-KK	OH	C.P.	#6-350	Horn	10	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200-KK	OH/UG	C.P.	#6-350	Horn	8	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½

Notes

- **AIC Rating:** The **U5168** is rated **22K AIC** when using Siemens **QPH** (100A) or **QNH** (200A) breakers.
- **Fifth Terminal:** For field installable fifth terminal kit, order **K5T**.
- **Bypass:** The horn type bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.

Generator Interlock (compatible with U5168)

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

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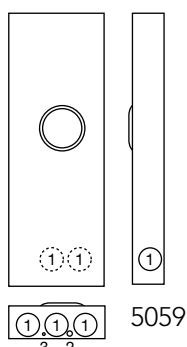


Lever Bypass Meter Mains & with Load Center

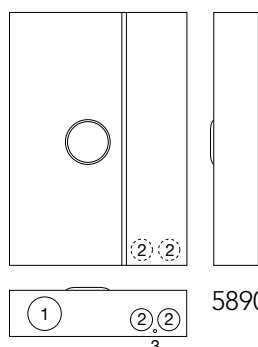
320 Amp | 4 Terminal | Lever Bypass | Ringless | 120/240 VAC



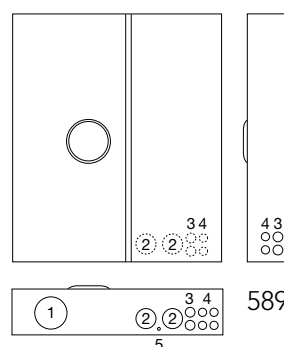
U5059-X-2/200



U5890-X-2/200-BL
(shown with lugs installed)



U5891-X-2/200-MLK-BL



320 Amp | 4 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL - Line	Breaker amp	Branch Circuits	Dimensions			Knockouts				
						D"	W"	H"	1	2	3	4	5
U5059-X-K3L	OH/UG	C.P.	(1) #4-600	Provision	N/A	4 ⁷ / ₈	15	42	3	1/4, 1/2	1/4	—	—
U5059-X-2/200-K3L	OH/UG	C.P.	(1) #4-600	(2)200	N/A	4 ⁷ / ₈	15	42	3	1/4, 1/2	1/4	—	—
U5890-X-2/200-BL	OH/UG	C.P.	3/8" x 16 Studs	(2)200	N/A	6	24 1/2	35	4	2 1/2	1/4	—	—
U5891-X-2/200-MLK-BL	OH/UG	C.P.	3/8" x 16 Studs	(2)200	12	6	29 1/2	35	4	2 1/2	1	1/2, 3/4	1/4

Notes

- **AIC Rating:** 22K AIC standard.
- **Breakers:** For U5059 main breakers, order UQFPH-100, -150, or -200.
- **-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).

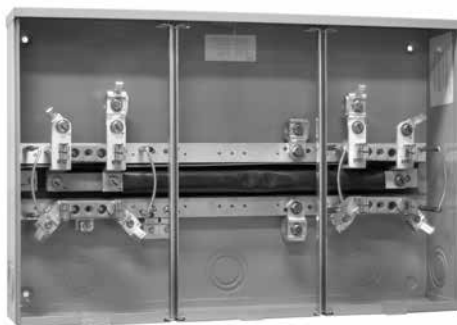


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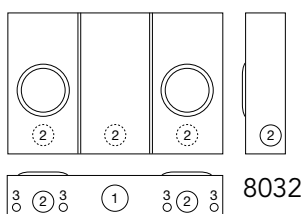
Multi-Position Sockets

100 Amp | 4 Terminal | Ringless | 300 VAC

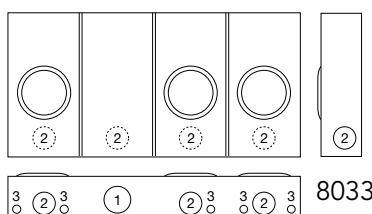
17
100 AMP
HORN BYPASS
MULTI-POSITION



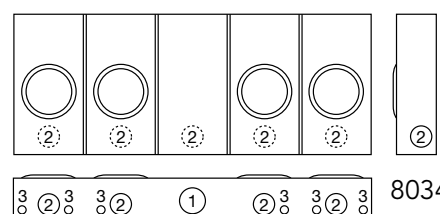
U8032-RL-KK



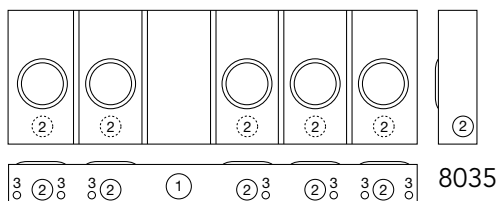
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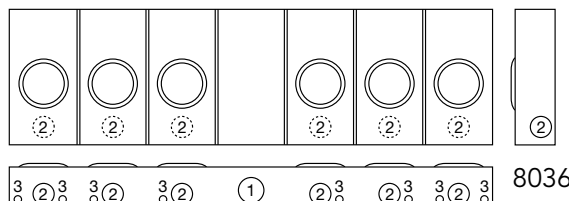
8033



8034



8035



8036

100 Amp per Position | 4 Terminal | Multi-Position | Center Wireway | Horn Bypass | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U8032-XL-KK	2	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	24½	16	2½	2	½
U8033-XL-KK	3	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	32½	16	2½	2	½
U8034-XL-KK	4	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	40⅞	16	2½	2	½
U8035-XL-KK	5	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	49⅞	16	2½	2	½
U8036-XL-KK	6	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	57¼	16	2½	2	½

Notes

- Fifth Terminal:** For field mounted fifth terminal, order catalog number **5T8K2** for the 6-o'clock position, and **K9959** for the 9 o'clock position.
- Connectors:** Extruded aluminum connectors are tin plated.
- Bypass:** The horn bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.

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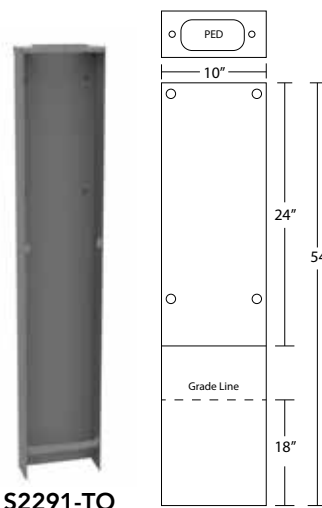


Multi-Position Sockets

200 Amp | 4 Terminal | Ringless | 300 VAC



U1252-X-KK-K1-PED
(shown without pedestal)



S2291-TO

200 Amp per Position | 4 Terminal | Multi-Position | Horn Bypass | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions		
				Line	Load	D"	W"	H"
U1252-X-KK*	2	OH/UG	C.P.	3/8" x 16 Studs	#6-350	5 1/8	26 1/2	14
U1253-X-KK*	3	OH/UG	C.P.	3/8" x 16 Studs	#6-350	5 1/8	34 3/4	14
U1254-X-KK*	4	OH/UG	C.P.	3/8" x 16 Studs	#6-350	5 1/8	42 7/8	16
U1255-X-KK*	5	OH/UG	C.P.	3/8" x 16 Studs	#6-350	5 1/8	54 7/8	16
U1256-X-KK*	6	OH/UG	C.P.	3/8" x 16 Studs	#6-350	5 1/8	62 7/8	18
U1252-X-KK-K1-PED†	2	OH/UG	C.P.	#6-350	#6-350	5 1/8	26 1/2	14
U1253-X-KK-K1-PED†	3	OH/UG	C.P.	#6-350	#4-600	5 1/8	34 1/2	14
U1254-X-KK-K1-PED†	4	OH/UG	C.P.	#6-350	#4-600	5 1/8	42 7/8	16
U1255-X-KK-K1-PED†	5	OH/UG	C.P.	#6-350	(2)#4-600	5 1/8	54 7/8	16
U1256-X-KK-PED*†	6	OH/UG†	C.P.	3/8" x 16 Studs	#6-350	5 1/8	63 1/16	18

Notes

- **†Underground Applications:** For underground service, order **S2291-TO** pedestal raceway. A 12" pedestal extension kit is also available — order catalog number **S2571**.
- **Hubs:** For proper hub selection, refer to the hub suffix chart in the accessories section. Two hub openings are supplied (5 and 6 position units only) and the extra opening is closed with a closing plate as standard. To use a hub smaller than 3", the **S8324** adaptor is required.
- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K5T** (9 o'clock position).
- **Bypass:** The horn bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- ***For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side.** Order connector kits from pg 44.



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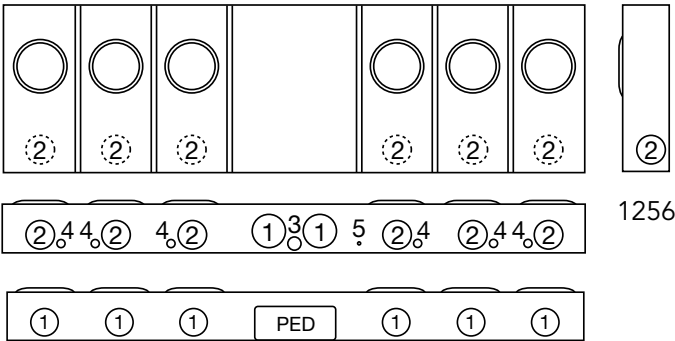
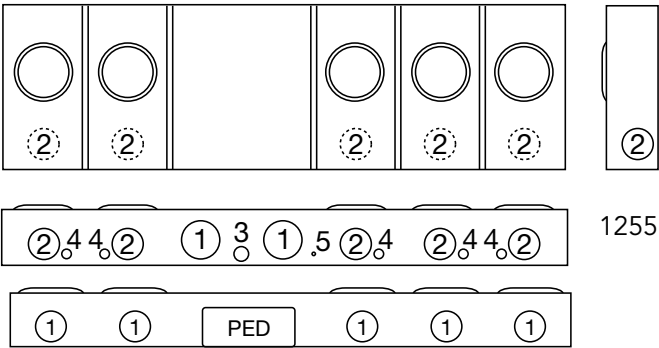
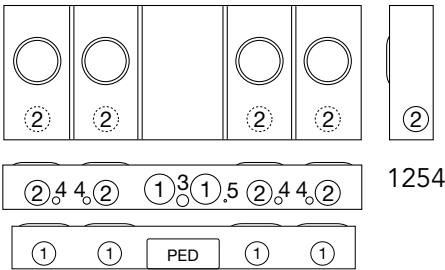
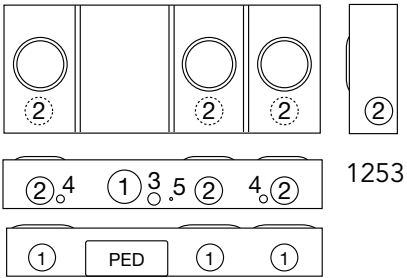
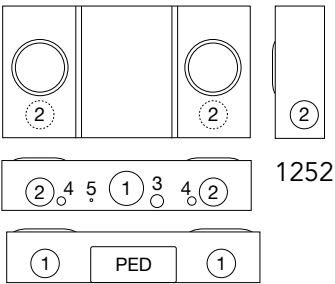
Multi-Position Sockets

U1252-56 Series | Knockout Information

19

200 AMP
MULTI-
POSITION
SOCKETS

Knockouts					
Non-Pedestal Units					Pedestal Units
1	2	3	4	5	1
3	2½	1	½	¼	2½



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Multi-Position Meter Mains

125 & 200 Amp | 4 Terminal | Ringless | 120/240 VAC



U2854-X-KK



U2866-X-KK

125 Amp Per Position | 4 Terminal | Multi-Position Sockets | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connector Size		Dimensions		
						Line	Load	D"	W"	H"
U2852-X-KK	125	2	OH/UG	CP	200	#6-350	CB	5 ¹ / ₁₆	18	25
U2853-X-KK	125	3	OH/UG	CP	200	#6-350	CB	5 ¹ / ₁₆	18	37
U2854-X-KK*	125	4	OH/UG	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	25
U2855-X-KK*	125	5	OH/UG	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	37
U2856-X-KK*	125	6	OH/UG	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	37

200 Amp per Position | 4 Terminal | Multi-Position Sockets | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connector Size		Dimensions		
						Line	Load	D"	W"	H"
U2862-X-KK	200	2	OH/UG	CP	250	#6-350	CB	5 ¹ / ₈	26 ¹ / ₂	30
U2863-X-KK	200	3	OH/UG	CP	300	#6-350	CB	5 ¹ / ₈	34 ⁵ / ₈	30
U2864-X-KK*	200	4	OH/UG	CP	400	3/8" x 16 Stud	CB	5 ¹ / ₈	42 ⁴ / ₅	30
U2865-X-KK*	200	5	OH/UG	CP	600	3/8" x 16 Stud	CB	5 ¹ / ₈	51 ¹ / ₂₀	30
U2866-X-KK*	200	6	OH/UG	CP	600	3/8" x 16 Stud	CB	5 ¹ / ₈	59 ³ / ₁₀	30

Connector Kits*

Size	Suffix	Kit Number	Compatible With	Wire Range
Single	-K1	K1539	U2852-56, U2862-66	#6-350
	-K3	K1540	U2854-56, U2864-66	#4-600
Twin	-K2	K1350	U2854-56, U2863-66	#6-350
	-K4	K1541	U2864-66	#2-600

Breaker Chart

Manufacturer	150-200 Amp	125 or less
Cutler Hammer	BR, WBJ	QP, BR
Siemens	QNR	QP
G.E.	THQ	THQ
Square D.	—	Homeline

Notes

- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K2381**. Order one per meter position.
- **Breakers:** Units have provision for one double pole main per meter position. Breakers not included. See breaker chart.
- **Knockouts:** See next page for drawings and knockout configurations.

*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 44.

Multi-Position Meter Mains

125 & 200 Amp | 4 Terminal | Ringless | 120/240 VAC

21

125 & 200 AMP
HORN BYPASS
MULTI-POSITION



U2854-X-KK-PED



U2864-X-KK-PED-CECHA*

Pedestal S2291-TO not included



125 Amp Per Position | Multi-Position Sockets | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connector Size		Dimensions		
						Line	Load	D"	W"	H"
U2852-X-KK-K1-PED-CECHA	125	2	OH/PED	CP	200	#6-350	CB	4 ²⁷ / ₃₂	18	25
U2853-X-KK-K1-PED-CECHA	125	3	OH/PED	CP	200	#6-350	CB	4 ¹³ / ₁₆	18	37
U2854-X-KK-PED-CECHA*	125	4	OH/PED	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	25
U2855-X-KK-PED-CECHA*	125	5	OH/PED	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	37
U2856-X-KK-PED-CECHA*	125	6	OH/PED	CP	400	3/8" x 16 Stud	CB	4 ⁷ / ₈	31	37

200 Amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connector Size		Dimensions		
						Line	Load	D"	W"	H"
U2862-X-KK-K1-PED-CECHA	200	2	OH/PED	CP	250	#6-350	CB	4 ²⁷ / ₃₂	21	29
U2863-X-KK-K1-PED-CECHA	200	3	OH/PED	CP	300	#6-350	CB	4 ²⁷ / ₃₂	21	41
U2864-X-KK-PED-CECHA*	200	4	OH/PED	CP	400	3/8" x 16 Stud	CB	4 ²⁷ / ₃₂	36	29
U2865-X-KK-PED-CECHA*	200	5	OH/PED	CP	600	3/8" x 16 Stud	CB	4 ²⁷ / ₃₂	36	41
U2866-X-KK-PED-CECHA*	200	6	OH/ PED	CP	600	3/8" x 16 Stud	CB	4 ²⁷ / ₃₂	36	41

Connector Kits*

Size	Suffix	Kit Number	Compatible With	Wire Range
Single	-K1	K1539	U2852-56, U2862-66	#6-350
	-K3	K1540	U2854-56, U2864-66	#4-600
Twin	-K2	K1350	U2854-56, U2863-66	#6-350
	-K4	K1541	U2864-66	#2-600

Breaker Chart

Manufacturer	150-200 Amp	125 or less
Cutler Hammer	BR, WBJ	QP, BR
Siemens	QNR	QP
G.E.	THQ	THQ
Square D.	—	Homeline

Notes

- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K2381**. Order one per meter position.
 - **Breakers:** Units have provision for one double pole main per meter position. Breakers not included. See breaker chart.
 - **Underground Applications:** For underground service, order **S2291-TO** raceway referenced on page 18. A 12" pedestal extension kit is also available—order catalog number **S2571**.
 - **Knockouts:** See next page for drawings and knockout configurations.
- *For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 44.

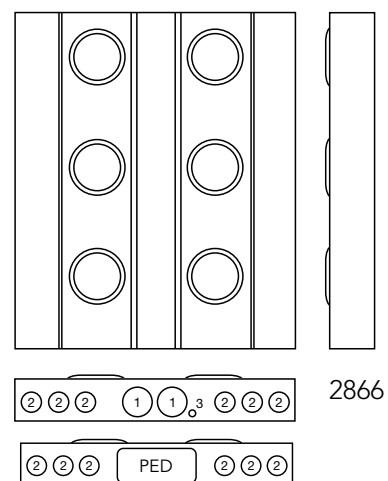
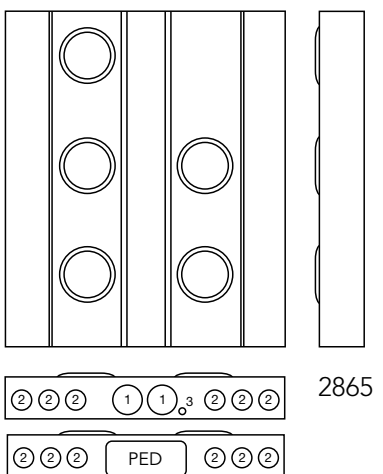
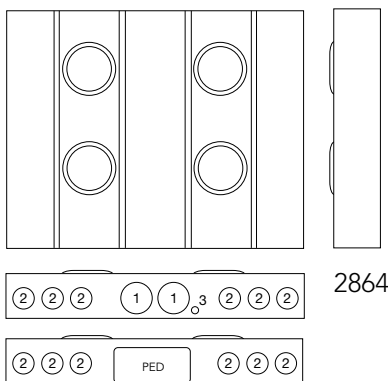
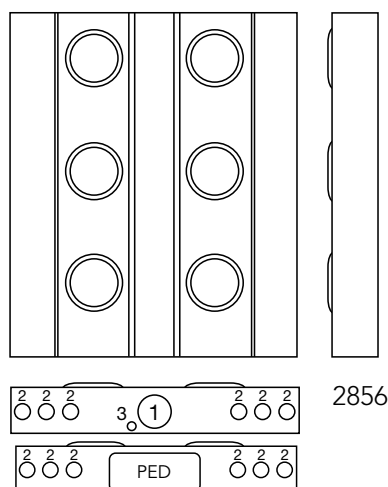
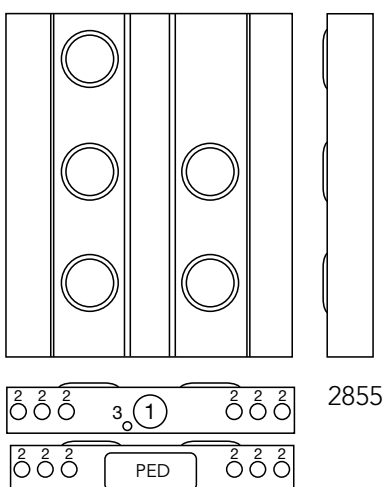
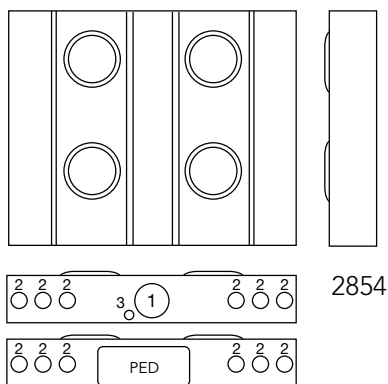
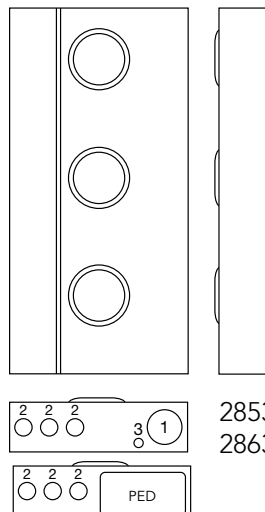
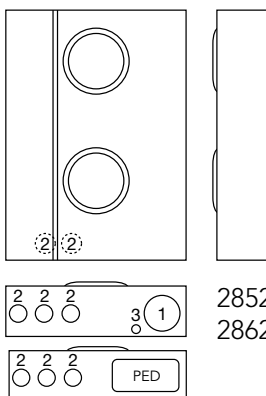
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Multi-Position Meter Mains

Knockout Information

Catalog Number	Knockouts Non-PED			Knockouts PED version		
	1	2	3	1	2	3
U2852	3	1¼	¼, ½	–	1¼	–
U2853	3	1¼	¼, ½	–	1¼	–
U2854	3	1¼	¼, ½	–	1¼	–
U2855	3	1¼	¼, ½	–	1¼	–
U2856	3	1¼	¼, ½	–	1¼	–
U2862	3	2	¼, ½	–	2	–
U2863	3	2	¼, ½	–	2	–
U2864	3	2	¼, ½	–	2	–
U2865	3	2	¼, ½	–	2	–
U2866	3	2	¼, ½	–	2	–



Multi-Position Meter Mains

125 & 200 Amp | 4 Terminal | Ringless | 120/240 VAC

23

125 & 200 AMP
HORN BYPASS
MULTI-POSITION



U5882-X-KK-K1



U5884-X-KK-K1

125 Amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Connectors CU/AL		Dimensions		
					Line	Load	D"	W"	H"
U5902-X-KK-K1	125	2	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30
U5903-X-KK-K1	125	3	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	34 $\frac{3}{4}$	30
U5904-X-KK-K1	125	4	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	42 $\frac{4}{5}$	30
U5905-X-KK*	125	5	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30
U5906-X-KK*	125	6	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30

200 Amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Connectors CU/AL		Dimensions		
					Line	Load	D"	W"	H"
U5882-X-KK-K1	200	2	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30
U5883-X-KK-K1	200	3	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	34 $\frac{3}{4}$	30
U5884-X-KK-K1	200	4	OH/UG	C.P.	1/0-350	CB	5 $\frac{1}{8}$	42 $\frac{4}{5}$	30
U5885-X-KK*	200	5	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30
U5886-X-KK*	200	6	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30

Notes

- **AIC Rating:** All models are rated **22K AIC** when used with approved breakers rated at 22K.
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Breakers Note:** Units have provision for one double pole main per meter position. Breakers not included. Add per chart below.

*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 44.

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

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

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24

125 & 200 AMP
HORN BYPASS
MULTI-POSITION

Multi-Position Meter Mains

125 & 200 Amp | 4 Terminal | Ringless | 120/240 VAC



U5882-X-KK-K1



U5884-X-KK-K1

125 Amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connectors CU/AL		Dimensions		
						Line	Load	D"	W"	H"
U5902-X-KK-K1-PED-CECHA	125	2	OH/UG	C.P.	200	1/0-350	CB	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30
U5903-X-KK-K1-PED-CECHA	125	3	OH/UG	C.P.	300	1/0-350	CB	5 $\frac{1}{8}$	34 $\frac{7}{8}$	30
U5904-X-KK-K1-PED-CECHA	125	4	OH/UG	C.P.	400	1/0-350	CB	5 $\frac{1}{8}$	42 $\frac{5}{8}$	30
U5905-X-KK-K1-PED-CECHA*	125	5	OH/UG	C.P.	500	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30
U5906-X-KK-K1-PED-CECHA*	125	6	OH/UG	C.P.	600	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30

200 Amp per Position | 4 Terminal | Multi-position Meter Mains | Horn Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Main Bus Rating amp	Connectors CU/AL		Dimensions		
						Line	Load	D"	W"	H"
U5882-X-KK-K1-PED-CECHA	200	2	OH/UG	C.P.	320	1/0-350	CB	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30
U5883-X-KK-K1-PED-CECHA	200	3	OH/UG	C.P.	480	1/0-350	CB	5 $\frac{1}{8}$	34 $\frac{7}{8}$	30
U5884-X-KK-K1-PED-CECHA	200	4	OH/UG	C.P.	640	1/0-350	CB	5 $\frac{1}{8}$	42 $\frac{5}{8}$	30
U5885-X-KK-K1-PED-CECHA*	200	5	OH/UG	C.P.	640	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30
U5886-X-KK-K1-PED-CECHA*	200	6	OH/UG	C.P.	640	$\frac{3}{8}$ " x 16 Stud	CB	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30

Notes

- **Underground Applications:** For underground service, order **S2291-TO** raceway referenced on page 18. A 12" pedestal extension kit is also available—order catalog number **S2571**.
- **AIC Rating:** All models are rated **22K AIC** when used with approved breakers rated at 22K.
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Breakers Note:** Units have provision for one double pole main per meter position. Breakers not included. Add per chart below.

*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 44.

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

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



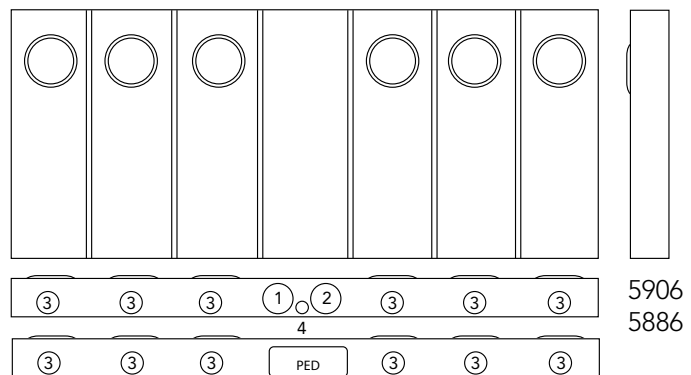
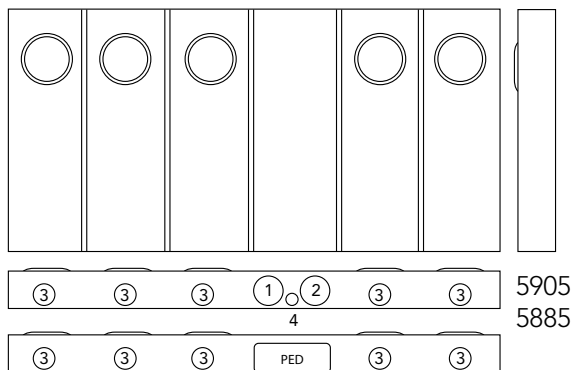
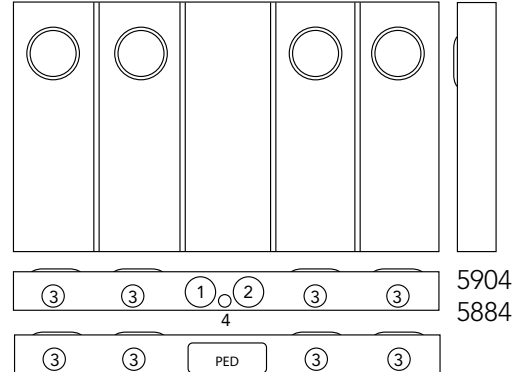
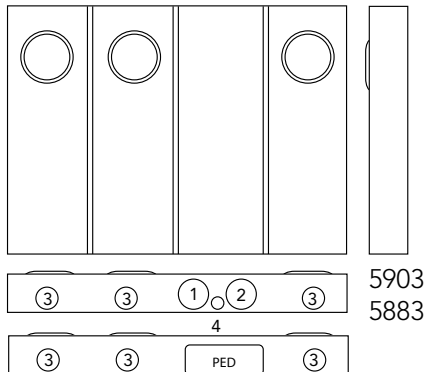
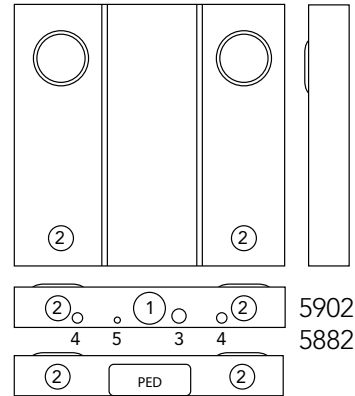
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5882 & 5902 Series

Knockout Information

25
KNOCKOUT
INFORMATION

Catalog Number	Knockouts Non-PED					Knockouts PED version		
	1	2	3	4	5	1	2	3
U5882	3	3	1	$\frac{7}{8}$	$\frac{1}{2}$	—	$1\frac{1}{4}$	—
U5883	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5884	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5885	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5886	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5902	3	$2\frac{1}{2}$	1	$\frac{7}{8}$	$\frac{1}{2}$	—	$2\frac{1}{2}$	—
U5903	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5904	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5905	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$
U5906	3	3	$2\frac{1}{2}$	1	—	—	—	$2\frac{1}{2}$



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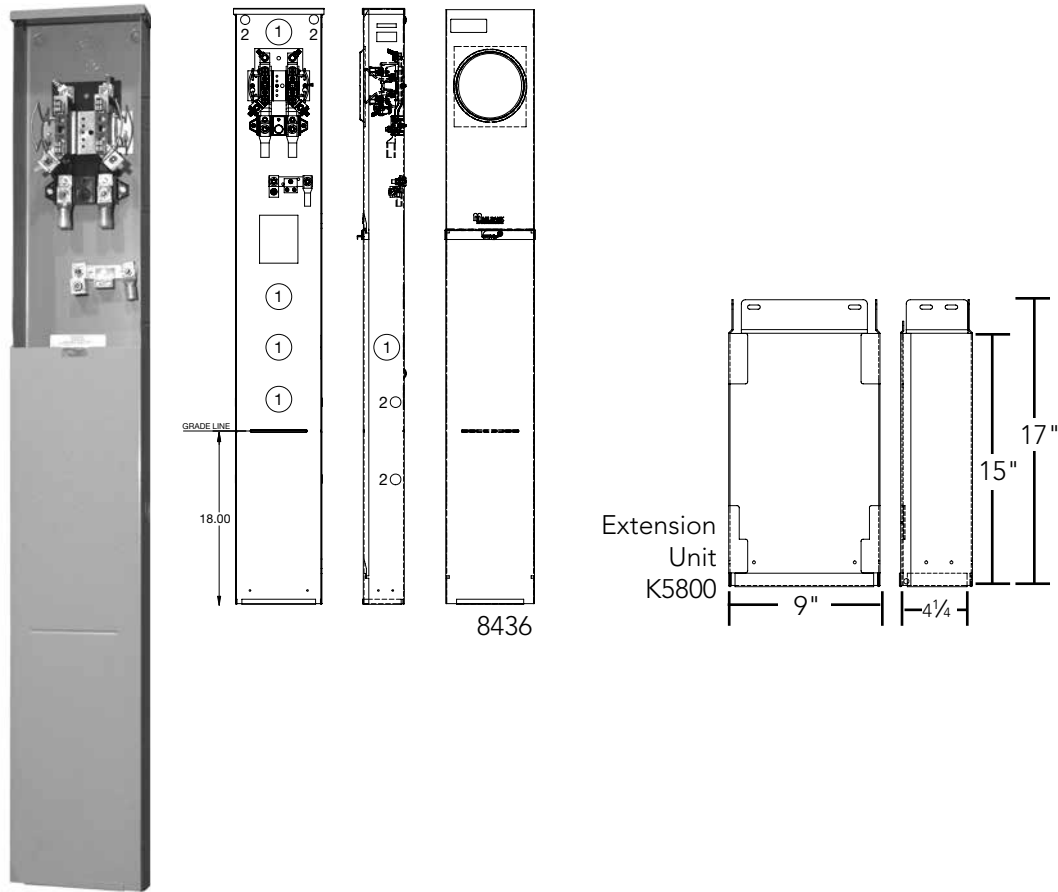


26

100 & 200 AMP
HORN BYPASS
SINGLE
PEDESTAL

Residential Pedestal

100 & 200 Amp | 4 Terminal | Ringless



100 & 200 Amp | 4 Terminal | Ringless | CECHA Approved | 1Ø3W - 600 VAC | Horn Bypass

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
				Line	Load		D"	W"	H"	1	2
U8436-O-CECHA	4	UG	Blank	4/0 (Line) 2/0 (Neutral)	#6-350	Horn	4 1/8	9	62	2	3/4

Notes

- **Hanging Hook:** supplied with keyhole hanger for easy mounting.
- **Extension Unit:** For 15" burial applications, order extension unit **K5800**; for 30" applications, order (2) **K5800** units.
- **Fifth Terminal:** For field mounted fifth terminal, order catalog number **K5T** (9 o'clock position).
- **Bypass:** Horn type bypass.

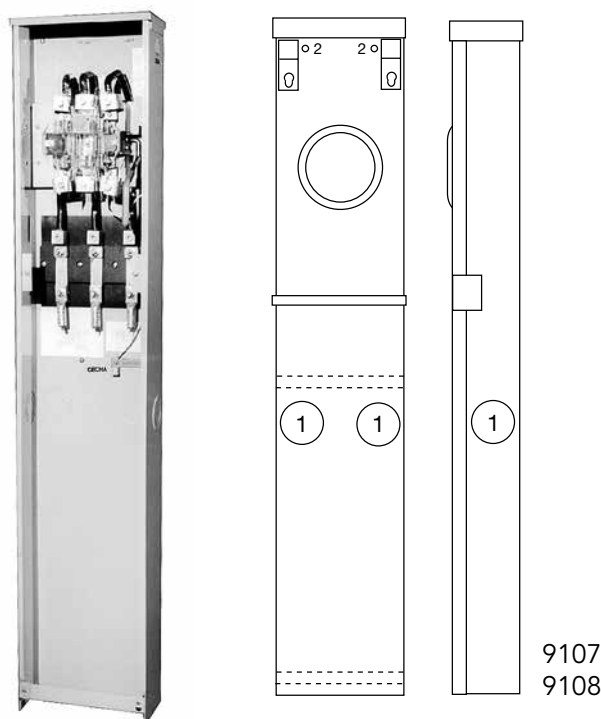


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Lever Bypass Meter Pedestal

100 & 200 Amp | 5 & 7 Terminal | Ringless | 600 VAC

27
100 & 200 AMP
LEVER BYPASS
SINGLE POSITION



U9107-O

100 & 200 Amp | 5 Terminal | 1Ø-3W OR 3Ø-3W

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
				Line	Load		D"	W"	H"	1	2
U9108-O	5	UG	Blank	3/0-4/0	#6-350	Lever	6	11	58	2½	⅝

100 & 200 Amp | 7 Terminal | 3Ø4W

Catalog Number	Terminal	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
				Line	Load		D"	W"	H"	1	2
U9107-O	7	UG	Blank	3/0-4/0	#6-350	Lever	6	11	58	2½	⅝

Notes

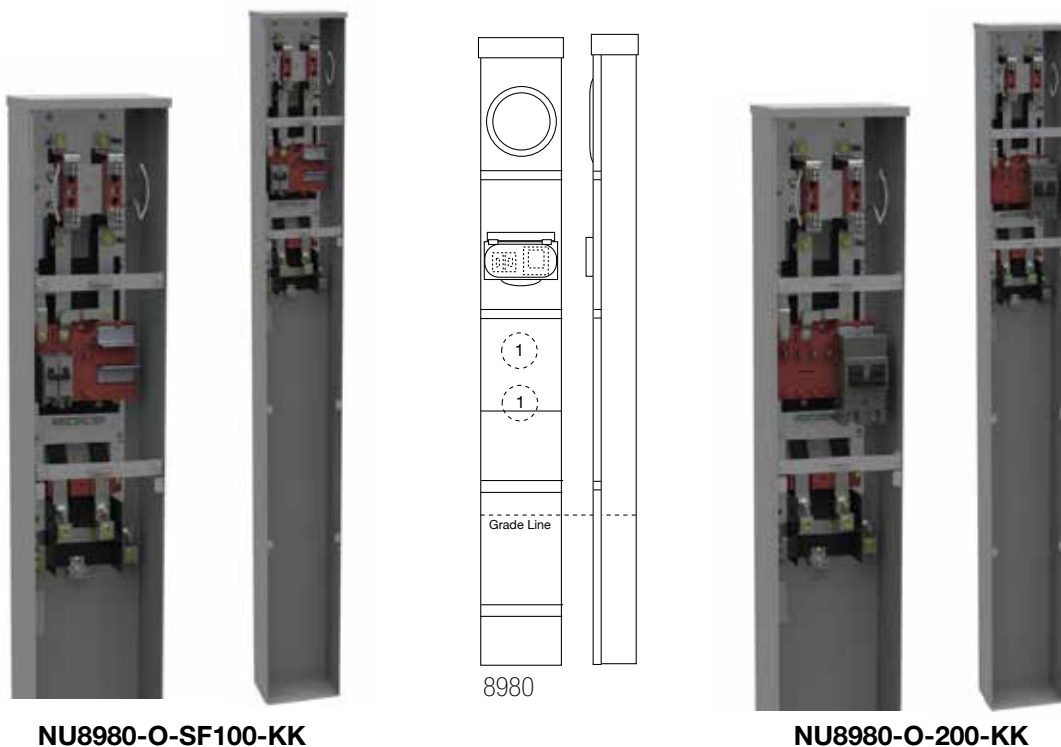
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.
- **Neutral Disconnect:** The **U9108** has a manual neutral disconnect bolt.
- **Extension Kit:** Order separately direct burial kit **#S3488**.
- **Fifth Terminal:** **U9108** Includes factory installed fifth terminal at 9 o'clock. For fifth terminal at 6 o'clock, substitute **-5T6** suffix in catalog number.

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Meter Main Pedestal

100-200 Amp | 4 Terminal | Ringless



100-200 Amp | 4 Terminal | Ringless | Underground Service

Catalog Number	Hub	Connectors CU/AL		Bypass	Main Breaker		Dimensions			Knockouts
		Line	Load		10K	22K	D"	W"	H"	1
NU8980-O-KK	Blank	#6-350	CB*	Horn	—	—	6	9	79	2½
NU8980-O-KK-LP	Blank	#6-350	CB*	Horn	—	—	6	9	70	2½
NU8980-O-SF100-KK	Blank	#6-350	#6-1/0	Horn	—	Q2100H	6	9	79	2½
NU8980-O-SF100-KK-LP	Blank	#6-350	#6-1/0	Horn	—	Q2100H	6	9	70	2½
NU8980-O-200-KK	Blank	#6-350	1/0-300	Horn	—	UQFPH	6	9	79	2½
NU8980-O-200-KK-LP	Blank	#6-350	1/0-300	Horn	—	UQFPH	6	9	70	2½

Notes

*Field Installed Circuit Breaker required.

- **Series Wired Main:** For series wired main order wire kit **K5194** and **UQFPH-M** type circuit breaker.
- **Branch Circuit Breakers:** Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler-Hammer).
- **SF:** SF in catalog number has small frame plug-in type circuit breaker installed on 4 circuit load center.
- **Fifth Terminal:** For field-installed 5th terminal order kit **K5T**. Mounts in 9 o'clock position only.
- **Extension Kit:** Available for low profile (-LP) units only. Order kit **K4694**.
- Unit rated up to **22K AIC**.



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Meter Main with Load Center Pedestal

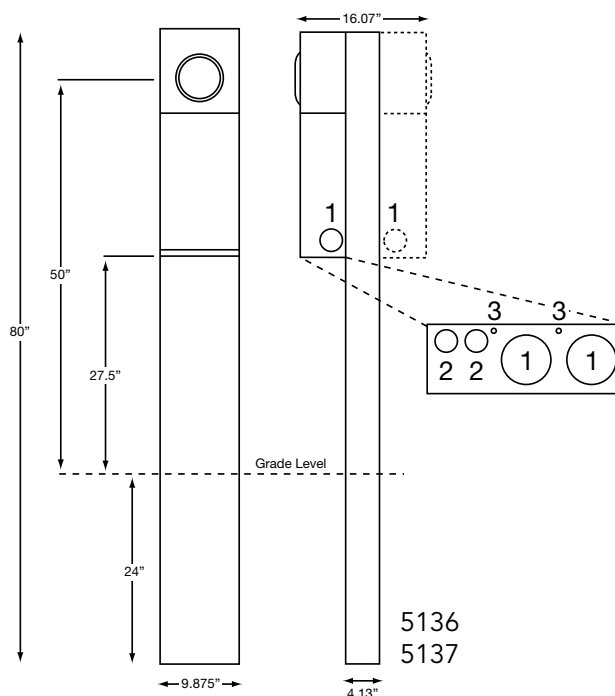
200 Amp | 4 Terminal | Ringless | 120/240 VAC

29

200 AMP
METER MAIN
WITH LOAD
CENTER
PEDESTAL



U5136-O-200S



100-200 Amp | 4 Terminal | Meter Main Pedestal | Horn Bypass | Ringless

Catalog Number	Meter Positions	Service	AIC Rating	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U5136-O-100S	Single	UG	22K	#6-350	#3-#1 AWG	Horn	4 $\frac{1}{8}$	9 $\frac{7}{8}$	80	2	1 $\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$
U5136-O-200S	Single	UG	22K	#6-350	1/0-300	Horn	4 $\frac{1}{8}$	9 $\frac{7}{8}$	80	2	1 $\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$
U5137-O-100S	Double	UG	22K	#6-350	#3-#1 AWG	Horn	4 $\frac{1}{8}$	9 $\frac{7}{8}$	80	2	1 $\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$
U5137-O-200S	Double	UG	22K	#6-350	1/0-300	Horn	4 $\frac{1}{8}$	9 $\frac{7}{8}$	80	2	1 $\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$

Notes

- **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.
- **U5137:** Double power head version.
- **Branch Circuit Breakers (Four Additional Single Pole Spaces or 2 Double Pole Spaces):** Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler Hammer, Murray). Load center rated up to 125 amp max.
- Unit rated up to **22K AIC**.

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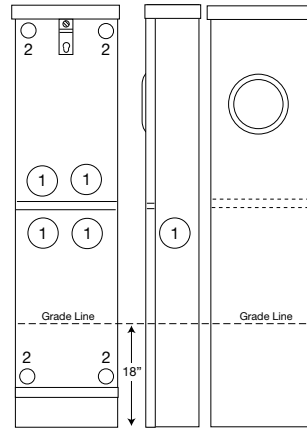


Lever Bypass Residential Pedestal

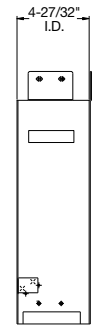
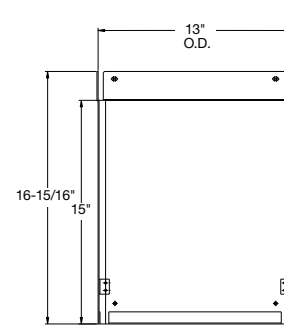
320 Amp Continuous | 400 amp Max | 4 Terminal



U1748-O-WI



1748



1848

320 Amp | 4 Terminal | Without Breaker | Ringless

Catalog Number	Service	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts	
				Line	Load	D"	W"	H"	1	2
U1748-O-WI	UG	Blank	Lever	3/8" x 16 Studs	Twin #6-350	4 7/8	13	64	2 1/2	5/16

Notes

- **Bypass:** The lever supplies clamping action on the meter spade and also operates the bypass device.
- **Fifth Terminal:** For field-installed fifth terminal order kit **K3865**.
- **Pedestal Extension Kit:** If extension kit is required, order as extra kit **S1848**.

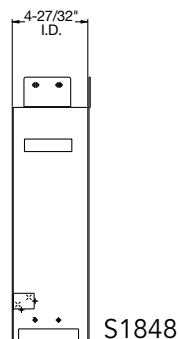
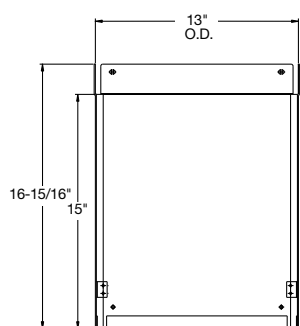
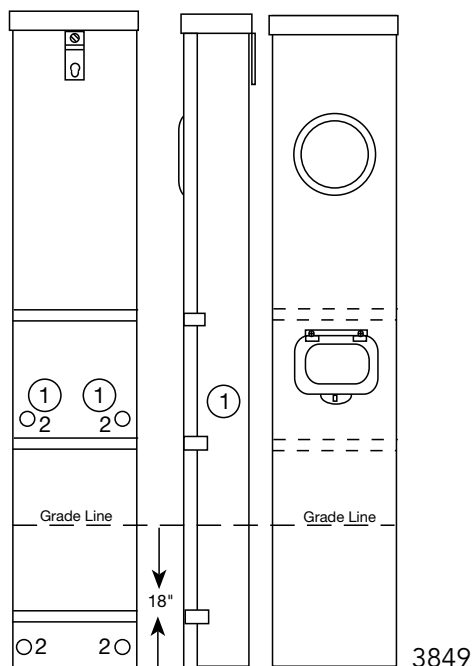
Meter Main Pedestal with Lever Bypass

320 Amp Continuous

31
320 AMP
LEVER BYPASS
METER MAIN
PEDESTAL



U3849-O-2/200



S1848

320 Amp | 4 Terminal | Meter Main Pedestal with Breakers | Ringless | 120/240 VAC

Catalog Number	Terminal	Service	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts	
					Line	Load	D"	W"	H"	1	2
U3849-O-200/100	4	UG	Blank	Lever	3/8" x 16 Stud	*	4 7/8	13	64	2 1/2	5/16
U3849-O-2/200	4	UG	Blank	Lever	3/8" x 16 Stud	1/0-300	4 7/8	13	64	2 1/2	5/16

Notes

- **Breakers:** Supplied from factory with 2 double-pole, Milbank **UQFBH** (22K AIC) bolt-on circuit breakers.
 - **Extension Kit:** For extension kit, order as extra catalog number **S1848**.
 - **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.
 - **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.
 - **Inversion Clip:** Inversion clip, if required, **K4802** must be field installed.
- *For the load side connectors for the 200 amp breaker have a wire range of (1/0 to 300 kmil), for the 100 amp breaker the load side connectors have a wire range of (#3-#1 AWG).
- *For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46

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



Strut and backboard



Commercial pedestal

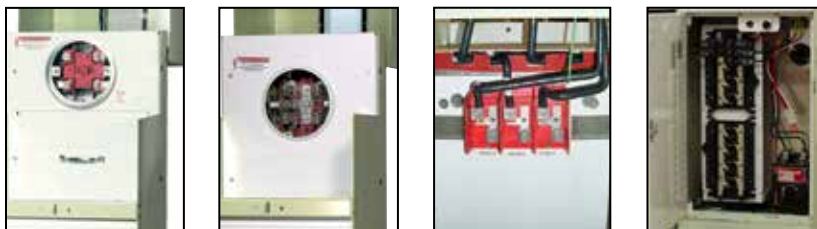
UL Listed as Industrial Control Equipment (File E113855)

Standard Features

- Type 3R rain resistant, vandal-resistant cabinet of polyurethane powder-coated steel (aluminum or stainless steel also available)
- UL listed as enclosed industrial control equipment (UL508)
- 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
- Most load centers are UL listed for use with various manufacturers' circuit breakers
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws)

Note

All meter form and bypass options available to meet utility requirements.



Commercial Pedestals

Attractive | Easy to Install | Secure | Cost-Effective

33
COMMERCIAL
PEDESTALS



Applications

These units are ideal for controlling and metering:

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

Available Factory-Installed Options

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

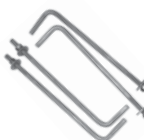
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Accessories



K3865

Fifth terminal kit for use with ringless meter sockets



CP-ABK5/8

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



105J

Fifth terminal kit for use with ring type meter sockets



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



CP-16PDMNT-CALT

16" pedestal mounting base

CP-24PDMNT-CALT

24" pedestal mounting base (includes mounting hardware)



CP3B "ML" Series

Main Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for multiple loads

The **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.
- Load center has 16 positions for the 100 amp pedestals and 24 circuits for the 200 amp pedestals.
- Both sizes include 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:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field installable fifth terminal kit available.
- 22K ampere 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 amp model) or 14 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



CP3B1115A22

Typical Applications

Remote site service for multiple loads.

Stocked Pedestals	Optional Fifth Terminal Kit	Main CB		Load Center Circuits	Meter Socket Type
		Amp	Spaces		
CP3B51115A22	K3865	100	1,2	16	Ringless socket with lever bypass
CP3B52119A22	K3865	200	1,2,3,4	24	Ringless socket with lever bypass

Notes

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



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Commercial Pedestals

Switched Load Center Series | Custom Designs Available

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COMMERCIAL
PEDESTALS

CP3B "SL" Series

Switched Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Milbank's Switched Load Center Commercial Pedestals are 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:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field installable fifth terminal kit available.
- 22K ampere 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 amp model) or 11 (100 amp model) blank breaker spaces and a circuit directory to document configuration.



CP3B11110A22SL1

Typical Applications

Traffic signals, parking lots, highways & athletic field lighting

Stocked Pedestals	Optional Fifth Terminal Kit	Main CB		Contactor Amperage	Meter Socket Type
		Amp	Spaces		
CP3B51110A22SL1	K3865	100	1,3	60	Ringless socket with lever bypass
CP3B52110A22SL1	K3865	200	1,2,3,4	100	Ringless socket with lever bypass

Notes

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CP3B1411JB22

Typical Applications

Remote site service for residential and commercial job sites.

Milbank's 400 Amp Commercial Pedestal is 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-thru lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Available in custom colors to match home or landscaping.

Features

These units include everything required for remote service:

- Type 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
- Separate sealable and lockable utility termination section with lug termination
- 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

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

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COMMERCIAL
PEDESTALS



CP3B0281UMWIR04

Milbank's "IR" Series Irrigation Pedestals install quickly and simply – often in less than an hour with a single technician – a fraction of the time typically needed for strut farm and other installation set ups. Additionally, the pedestal comes pre-wired, so the technician simply drops in the pre-drilled concrete box pad, fastens the pedestal and runs the wires. Prewired landing lugs are provided in a separate utility side so that there is no more need to wrestle with hard-to-bend wires. Simply run the utility wire up and land on the lugs. With both the motor starter and disconnect in the same enclosure, all the controls are housed in a safe, lockable pedestal that protects against vandalism and energy theft.

Features

- 3Ø4W, 480Y/277 volt
- One technician can install in under an hour with use of Milbank's pre-drilled box pad
- All units are UL listed and 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 amp fuse block for pivot pre-wired in the unit
- White powder coated paint finish helps keep components cooler
 - Options include:
 - Hour meter
 - Chemical injection receptacle
 - Multiple injection receptacle
 - Multiple 30A fuse blocks possible

Typical Applications

Power pedestal for irrigation systems or other pump control applications.

Stocked 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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Commercial Pedestals

CP3B "BBS" Battery Backup Series



CP3B5111TCAWSP1

Typical Applications

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

Milbank's BBS Series Commercial Pedestals are designed to provide battery backup power for various loads, and to switch specific loads on and off under certain conditions; a photoelectric cell or time clock to control lighting circuits, as an example. Metered and non-metered power distribution options are available. The back-up power pedestal is designed to handle the vast majority of today's back-up power requirements. By using 19" rack design, shelves can be adjusted to accommodate the required batteries and manufactures DC to AC inverters, transfer switches and other related equipment. This design gives the user a wide range of design and configuration options. Complete turnkey, ready to power-up pedestals are offered along with basic units ready to accept batteries and inverters supplied by others.

Features

- Type 3R construction
- 100 through 320 amp meter socket with the option of either a ring type socket (conforms to EUSERC 308) with or without test / bypass blocks or a heavy duty ringless socket with lever bypass
- Separate sealable utility termination compartment
- An isolated separate customer section with service disconnects, power distribution options and power control
- 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 pad lockable)

Options

- Manual bypass switch
- Transfer switch for generator power back-up
- Generator inlet receptacles 30A through 200A
- Pad lockable provision for receptacles
- Police access door
- Metered load center distribution
- Non metered 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 arrestors and lighting arrestors



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Commercial Pedestals

CP3B "Power Transfer" Series

39
COMMERCIAL
PEDESTALS



Milbank's Power Transfer Series Pedestals provide non metered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle| all in a neat, compact pedestal.

Features

- 120/240V 1Ø3W thru 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 Amp thru 400 amp ratings
- UL Listed Type 3R rated
- Pad lockable, isolated utility compartments
- 20 amp 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

CP3BB "CT Metered" Series



Milbank's 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 amp at voltages up through 480 volt three phase.

Features

- UL Listed, freestanding Type 3R service
- A low profile CT pedestal
- All utility equipment is isolated in separated pad lockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Dead front customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel.
- Wide choice 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.

Commercial Pedestals

CP3A "Slimline" Series

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COMMERCIAL
PEDESTALS



Milbank's Slimline Series Commercial Pedestals provide a sleeker, smaller footprint and wireway access on the side of the unit rather than the back, allowing maximum flexibility to place the pedestal in tighter spaces.

Features

- UL Listed as service equipment
- 100 or 200 amp
- Vandal-resistant, secure and attractive design
- Customer compartment with distribution and control equipment with swing dead front 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
- Small footprint
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back very close to a wall (14")
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (nonmetered) heights
- Includes a print pocket for plans and drawings
- 200 amp main available
- Voltage range: 120V–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, 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 a stabilizer foot to prevent leaning over time
- Pedestal and extension can be installed within 30 minutes

Notes

- Currently only built in 14 guage steel
- Only available for 12" pedestals

Typical Applications

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



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**UQFP
UQFPH**



**UQFP-M
UQFPH-M**



UQFB-X1



UQFB-X



UQFB

200 amp Frame | Plug-In | 10,000 AIC & 22,000 AIC | Two-Pole - Common Trip

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

200 amp Frame | Bolt-On | 10,000 AIC & 22,000 AIC | Two-Pole - Common Trip

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

Notes

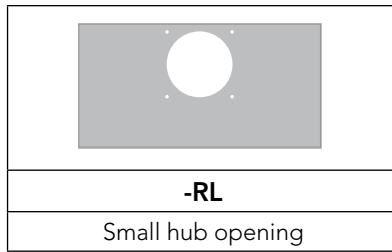
- **UL Listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications Split load tab features allow for feed-through capability.
- **UQFB:** (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).
- **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.
- **UQFB-X-MOD:** Replacement circuit breaker with line barriers removed.





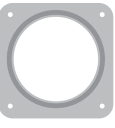
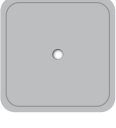


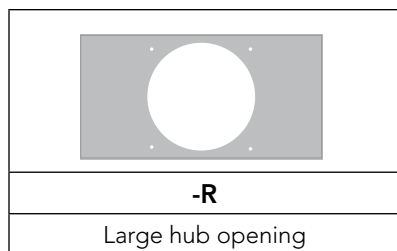
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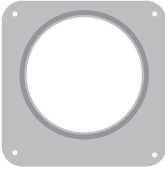
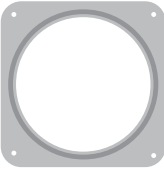
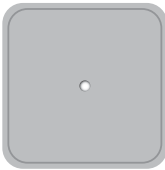

Accessories

Hubs and Closing Plates



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





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

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Connector Kits, Closing Kits and Sealing Rings



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

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

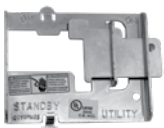
Bypass Link





Closing Covers

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

Generator Interlock


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

Sealing Rings

	
MR-2 - Snap Action	MR-4 - Screw Type (Stainless Steel)
MR2-SS - Stainless Steel	

Touch-Up Paint







Accessories

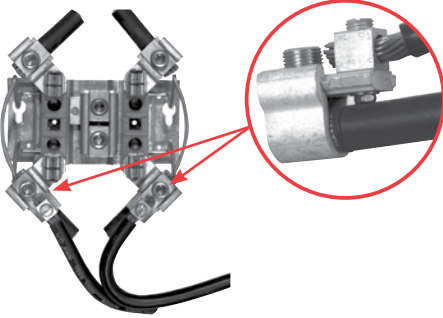
45
ACCESSORIES

Fifth Terminal and Tap Connectors

Fifth Terminal

			
5T8K2 - 100-200 amp "Plug-In"	K5T - 200 amp (Block with Square Hole)	K3865 - Heavy Duty Jaw Clamping (K3866 without Neutral Wire)	This is for Condo metering Banks (125-200 amp) K2381

Tap Connectors (3 per set)

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


Pedestal Extension Units

Catalog Number	D"	W"	H"
S8988	4½	8¾	15
S3488	6	11	15
S2571	4⅝	10	12
S1848	4⅞	13	15
K4694	6	9	24
K5800	4⅝	9	15

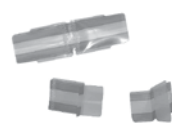
Isolated Neutral Kit


K1047*

Anti-Inversion Clip


K4802

Disconnect Sleeve


M5-144

Triplex Ground


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

*Isolated neutrals are specific to the meter socket. Consult factory for correct isolated neutral.

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Conduit, Ampacity & 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
XHH, XHHW, XHHW-2	3/0	0	1	1	1	3	5	7	11	15	19
	4/0	0	1	1	1	2	4	6	9	12	16
	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 CP, CT, CUTLER-HAMMER CP, BD, BR, SQUARE D HOMELINE; G.E. TO, THQ, THQL.

SUITABLE FOR USE AS RECREATIONAL VEHICLE SITE SUPPLY EQUIPMENT

UNDERGROUND FEED ONLY

ON
TRIP
OFF

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

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

WIRE TERMINAL INFORMATION USE AL-CU CONDUCTORS		
TERMINAL	WIRE RANGE	TORQUE LB-IN
LINE AND LINE NEUTRAL	350 kcmil - # 6	250
GROUND CONNECTOR	2/0 AWG - #14 AWG	120
LOAD NEUTRAL (LARGE HOLE)	14 - 10 8 6 - 4 3 - 1/0	35 40 45 50
LOAD NEUTRAL (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 &
** ALUMINUM CONDUCTORS (3W IN CONDUIT) 75°C (167°F)

*CU		AL or **Cu-Clad AL	
A	B	A	C
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 Rating:
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
26 - 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 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

NO. OF METER POSITIONS	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. 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

Important Information for Installers

Important Note

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

Before Energizing

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

When Energizing

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

After Energizing

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

Recommended Torque for General Applications*

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

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

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Materials

Steel Quality

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

Ratings & Compliance

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



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

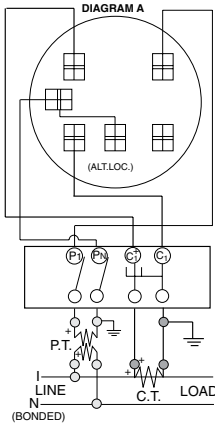


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter(2W1Ø) - Form 3S
5T Socket, Test Switch #TS04-0101

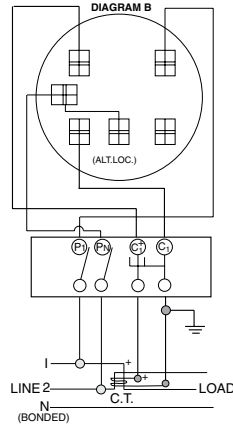


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter(3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

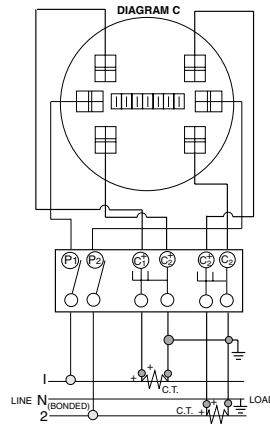


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

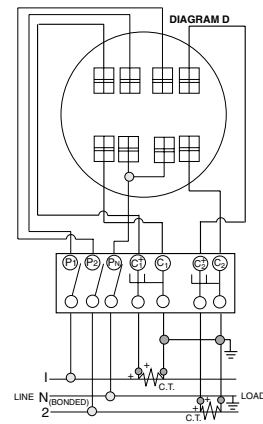


DIAGRAM E
3Ø3W "Δ" with 2 P.T.'s & 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

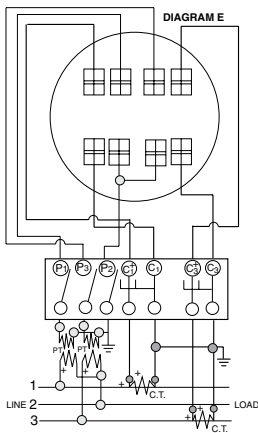


DIAGRAM F
3Ø3W "Δ" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

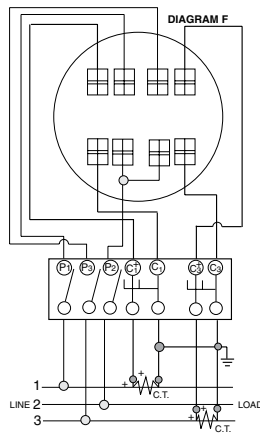


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 ½ Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

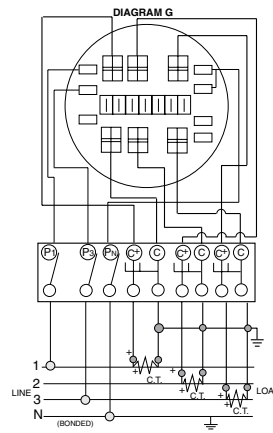


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s
2 ½ Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

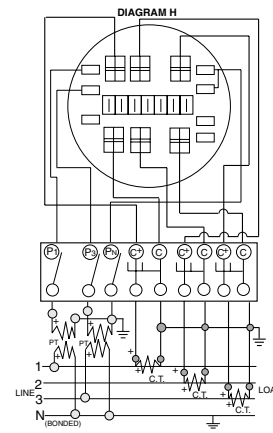


DIAGRAM I
3Ø4W "Y" or "Δ" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"Δ" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

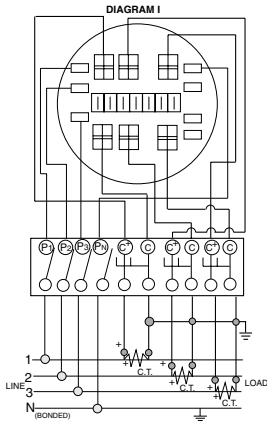
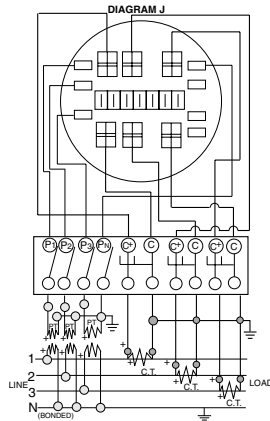


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



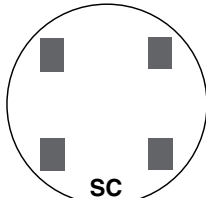
Prewiring: If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter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

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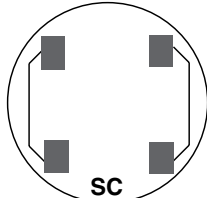


Watthour Meter Forms

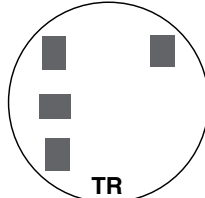
Standard Forms | Transformer Rated or Self-Contained



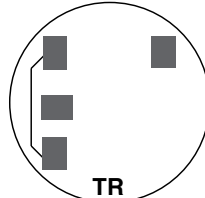
2 and 3-WIRE FORMS
1S & 2S



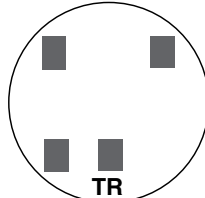
2 and 3-WIRE FORMS
1S & 2S with BYPASS



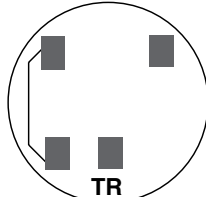
2-WIRE FORM 3S
5th Term. 9 o'clock



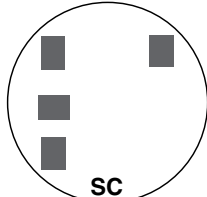
2-WIRE FORM 3S
with BYPASS



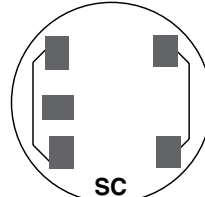
2-WIRE FORM 3S
5th Term. 6 o'clock



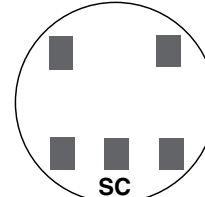
2-WIRE FORM 3S
with BYPASS



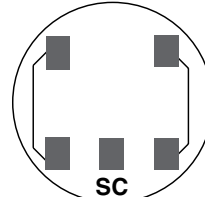
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 9 o'clock



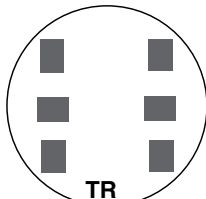
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 9 o'clock



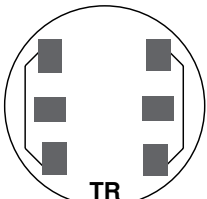
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



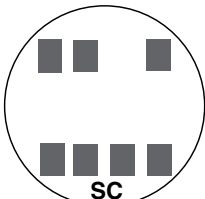
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 6 o'clock



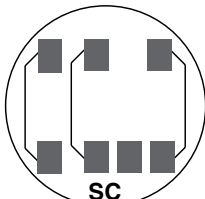
3-WIRE FORM 4S



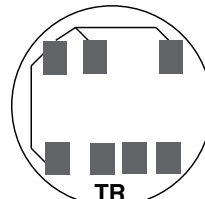
3-WIRE FORM 4S
WITH BYPASS



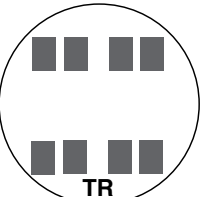
2 or 3 ELEMENT
3Ø4W Y or
Y FORM 14S
FORM 15S
Y FORM 16S



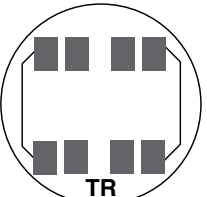
2 or 3 ELEMENT
3Ø4W Y or
FORMS 14S & 15S
with BYPASS



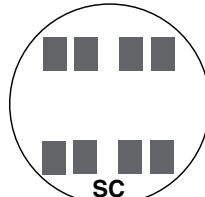
2 ELEMENT
3Ø4W Y or
Y FORM 7S
FORM 24S
with BYPASS



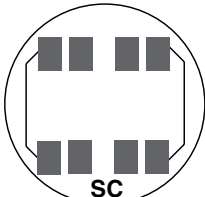
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



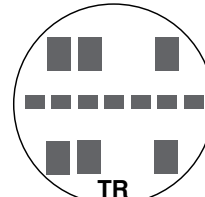
2 ELEMENT Ø3W,
2Ø4W, 3Ø3W
FORM 5S with
BYPASS



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S

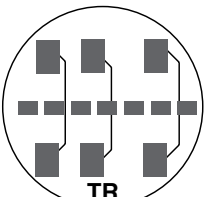


2 or 3 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S with
BYPASS

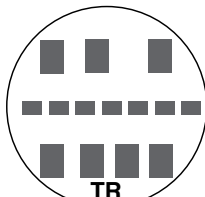


2 or 3 ELEMENT
3Ø4W Y or
Y FORM 9S
FORM 8S

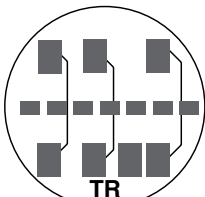
TR = TRANSFORMER RATED
SC = SELF CONTAINED



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



2 ELEMENT
3Ø4W Y
FORM 6S



2 ELEMENT
3Ø4W Y
FORM 6S
with BYPASS

Standard NEMA Configurations






Reference Information Only

51
STANDARD
NEMA
CONFIGS







2 Pole | 3 Wire | Grounding Receptacles

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

3 Pole | 3 Wire | Special Applications

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

3 Pole | 4 Wire | Grounding

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

2 Pole | 3 Wire | Grounding | NEMA Trailer

Straight Blade Wiring Devices		
Volts	Code	30 Amp
125V	TT	

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6003	44	M5-144	45	U3812	6
6116	44	MR-2	44	U3822-20GWR	7
105J	33	MR2-SS	44	U3832	6
5T8K2	45	MR-4	44	U3849-O-2/200	31
A7514	43	NU8980-O-200-KK	28	U3849-O-200/100	31
A7515	43	NU8980-O-200-KK-LP	28	U3862	6
A7516	43	NU8980-O-KK	28	U4881-O	8
A7517	43	NU8980-O-KK-LP	28	U4881-O-50GB	8
A7518	43	NU8980-O-SF100-KK	28	U4881-O-60GB	8
A7551	43	NU8980-O-SF100-KK-LP	28	U5059-X-2/200-K3L	16
A8110	43	S1848	45	U5059-X-K3L	16
A8111	43	S2571	45	U5136-O-100S	29
A8112	43	S3488	45	U5136-O-200S	29
A9064	43	S8324	43	U5137-O-100S	29
A-GP	44	S8988	45	U5137-O-200S	29
CP-16PDMNT-CALT	33	U1252-X-KK	18	U5168-XTL-100-KK	15
CP-21	44	U1252-X-KK-K1-PED	18	U5168-XTL-200-KK	15
CP-24PDMNT-CALT	33	U1253-X-KK	18	U5882-X-KK-K1	23
CP-ABK5/8	33	U1253-X-KK-K1-PED	18	U5882-X-KK-K1-PED-CECHA	24
CP-PE-HOA-3POS	33	U1254-X-KK	18	U5883-X-KK-K1	23
CP-TC24H	33	U1254-X-KK-K1-PED	18	U5883-X-KK-K1-PED-CECHA	24
CP-TC7D	33	U1255-X-KK	18	U5884-X-KK-K1	23
CP-TCWIRE	33	U1255-X-KK-K1-PED	18	U5884-X-KK-K1-PED-CECHA	24
K1047	45	U1256-X-KK	18	U5885-X-KK	23
K1190	45	U1256-X-KK-PED	18	U5885-X-KK-PED-CECHA	24
K1350	44	U1748-O-WI	30	U5886-X-KK	23
K1350L	44	U1779-RRL	12	U5886-X-KK-PED-CECHA	24
K1539	44	U2594-X-K7	13	U5890-X-2/200-BL	16
K1540	44	U2852-X-KK	20	U5891-X-2/200-MLK-BL	16
K1540L	44	U2852-X-KK-K1-PED-CECHA	21	U5902-X-KK-K1	23
K1541	44	U2853-X-KK	20	U5902-X-KK-K1-PED-CECHA	24
K2381	45	U2853-X-KK-K1-PED-CECHA	21	U5903-X-KK-K1	23
K3082	44	U2854-X-KK	20	U5903-X-KK-K1-PED-CECHA	24
K3083	44	U2854-X-KK-PED-CECHA	21	U5904-X-KK-K1	23
K3441	44	U2855-X-KK	20	U5904-X-KK-K1-PED-CECHA	24
K3442	44	U2855-X-KK-PED-CECHA	21	U5905-X-KK	23
K3865	33	U2856-X-KK	20	U5905-X-KK-PED-CECHA	24
K3865	45	U2856-X-KK-PED-CECHA	21	U5906-X-KK	23
K3866	45	U2862-X-KK	20	U5906-X-KK-PED-CECHA	24
K4694	45	U2862-X-KK-K1-PED-CECHA	21	U7021-RL-TG-KK	10
K4802	45	U2863-X-KK	20	U7040-RL-TG-KK	10
K4977-EXT	45	U2863-X-KK-K1-PED-CECHA	21	U7375-RL-KK	14
K4977-INT	45	U2864-X-KK	20	U7487-RL-TG-KK	9
K5022-INT	45	U2864-X-KK-PED-CECHA	21	U7607-RL-200-KK-CECHA	14
K5800	45	U2865-X-KK	20	U8032-XL-KK	17
K5815	44	U2865-X-KK-PED-CECHA	21	U8033-XL-KK	17
K5820	44	U2866-X-KK	20	U8034-XL-KK	17
K5830	44	U2866-X-KK-PED-CECHA	21	U8035-XL-KK	17
K5T	45	U3000-O-K3L-K2L	12	U8036-XL-KK	17
K8180	44	U3802	6	U8436-O-CECHA	26



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U8949-RL-TG-KK.....10

U9107-O.....27

U9108-O.....27

U9550-RL.....11

U9551-O.....11

U9700-RRL.....11

U9701-O.....11

UQFB-10042

UQFB-100-X142

UQFB-12542

UQFB-125-X142

UQFB-15042

UQFB-150-X142

UQFB-17542

UQFB-175-X142

UQFB-20042

UQFB-200-X142

UQFBH-100.....42

UQFBH-125.....42

UQFBH-150.....42

UQFBH-175.....42

UQFBH-200.....42

UQFBH-M-10042

UQFBH-M-12542

UQFBH-M-15042

UQFBH-M-17542

UQFBH-M-20042

UQFP-100.....42

UQFP-125.....42

UQFP-150.....42

UQFP-175.....42

UQFP-200.....42

UQFPH-10042

UQFPH-12542

UQFPH-15042

UQFPH-17542

UQFPH-20042

UQFPH-M-100.....42

UQFPH-M-125.....42

UQFPH-M-150.....42

UQFPH-M-175.....42

UQFPH-M-200.....42

UQFP-M-10042

UQFP-M-12542

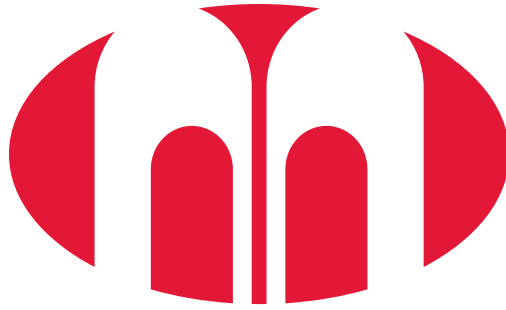
UQFP-M-15042

UQFP-M-17542

UQFP-M-20042

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ENERGY AT WORK

