

Meter Mounting Equipment

Ameren Service Area





About Milbank | EmPOWERing the Future

Milbank Manufacturing Co., a third-generation family-owned business, has been engineering and manufacturing electrical supplies, equipment and solutions for use by utilities, contractors, distributors and OEMs since its founding in 1927.

Today, Milbank's meter mounting equipment is the standard by which all others are measured. Our meter sockets and electrical enclosures can be found on homes, schools, businesses, factories, roadways, RV parks, arenas, and airports across North America.

Consistent with our vision to remain at the forefront of power generation and distribution technology, and to honor our stewardship of the environment, Milbank launched its PowerGen™ division in 2009. The PowerGen™ product line, which features wind, solar, electric vehicle charging stations, and generators, incorporates renewable energy sources and distributed power generation while helping to advance smart grid initiatives.

Expansive electrical experience.

Our meter sockets, meter mains and electrical enclosures are known for their quality, flexibility and reliability. Our products represent the extraordinary knowledge and dedication of the employees that design, build and service them. Call 877.483.5314 today to find out more about our products or to find your local Milbank distributor.



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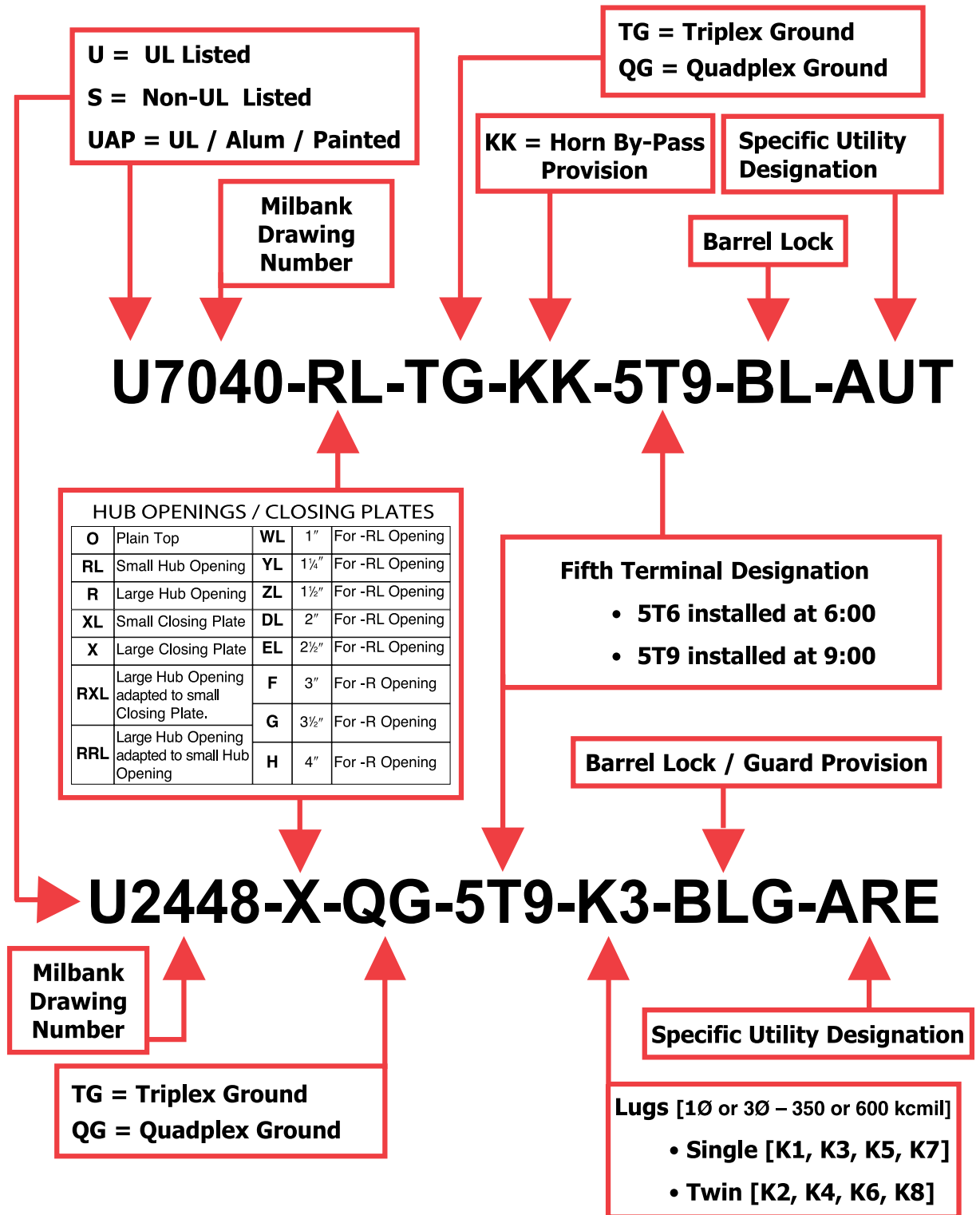
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Catalog Number Logic

How our product catalog numbers are derived



Air Conditioner Disconnects

60 Amp | With 20 Amp GFCI Receptacle



U3802



U3812



U3832

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

30-60 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	2⅝	5	7	60°/75°	60°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2⅝	5	9	60°/75°	60°/75°

Notes

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

Air Conditioner Disconnects

60 Amp | With 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 Volt — 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 ¹ / ₂	5 ¹ / ₄	7 ¹ / ₂	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).



Hot Tub Disconnect

Type 3R Enclosures



U4881-O-50GB



U4881-O-60GB

Specifications

- 240 volt ground fault protection
- UL listed, Type 3R rainproof
- 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

Hot Tub Disconnect or Sub Panel Breaker Enclosure – Type 3R

Catalog Number	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 & 200 Amp | 4 Terminal | Ringless | 600 VAC



U7487-YL-QG-KK



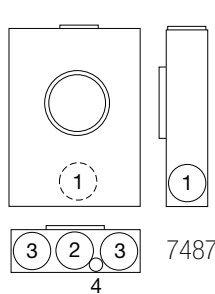
U7021-RL-QG-KK



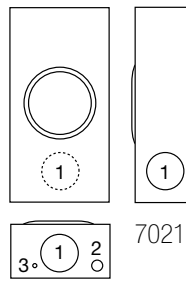
U7040-XL-QG-KK



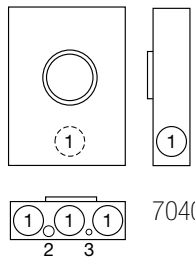
U7043-O-QG-KK



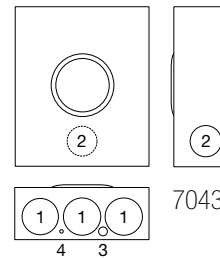
7487



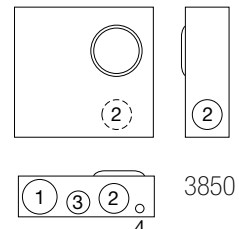
7021



7040



7043



3850

4 Terminal — Single Position — Ringless — 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7487-RL-QG-KK	125	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
U7487-YL-QG-KK	125	OH	1 ¹ / ₄ "	#6-2/0	#6-2/0	Horn	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U7021-RL-QG-KK	200	OH	H.O.	#6-350	#6-350	Horn	4 ⁷ / ₈	8	15 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7021-DL-QG-KK	200	OH	2"	#6-350	#6-350	Horn	4 ⁷ / ₈	8	15 ¹ / ₂	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7040-XL-QG-KK	200	OH/UG	C.P	#6-350	#6-350	Horn	4 ⁷ / ₈	11	14 ⁵ / ₈	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7040-O-QG-KK	200	UG	Blank	#6-350	#6-350	Horn	4 ⁷ / ₈	11	14 ⁵ / ₈	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U7043-O-QG-KK	200	UG	Blank	#6-350	#6-350	Horn	4 ⁷ / ₈	13	15 ¹ / ₂	3	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄
U3850-O-QG-KK	200	UG	Blank	#6-350	#6-350	Horn	4 ¹ / ₂	13	15 ¹ / ₄	3	2 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂

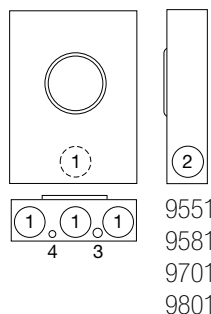
Notes

- **Fifth Terminal:** For field mounted fifth terminal on the **U7487**, order catalog number **5T8K2**. For **U7021**, **U7040**, **U7043** and **U3850** order **K5T**.
- **Hubs:** For the proper hub selection see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin plated.

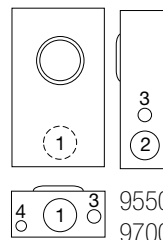


Single Position Lever Bypass

200 Amp | 4, 5 & 7 Terminal | Ringless | 600 VAC



9551
9581
9701
9801



9550
9700



U9551-RXL-QG U9581-RXL-QG U9701-RXL-QG

NOTE

Ameren requires these units at 240 Volts and below. For all service voltages above 240V, see Cold Sequence products on page 17.

200 Amp – 4 Terminal – Single Position – Lever Bypass – 1Ø3W – Ringless

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

200 Amp – 5 Terminal – Single Position – Lever Bypass – 1Ø3W or 3Ø3W – Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9550-DL-QG	OH	2"	#6-350	#6-350	Lever	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	3 ³ / ₄	1 ¹ / ₄ , ¹ / ₂
U9551-RXL-QG*	OH/UG	C.P.	#6-350	#6-350	Lever	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₄ , ¹ / ₂	1 ¹ / ₄
U9581-RXL-QG*	OH/UG	C.P.	#6-350	#6-350	Lever	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	1 ¹ / ₄ , ¹ / ₂	1 ¹ / ₄

200 Amp – 7 Terminal – Single Position – Lever Bypass – 3Ø4W – Ringless

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

Notes

- ***UAP:** UL listed, painted aluminum is approved by Ameren and available upon request.
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin plated. **U9550, U9551 and U9801** units include removable bonding strap for isolated neutral.
- **Bypass:** Lever supplies clamping action and also operates bypass device.

Single Position Lever Bypass

320 Amp | 4, 5 & 7 Terminal | Ringless | 600 VAC



U4363-X-QG-K3-K2



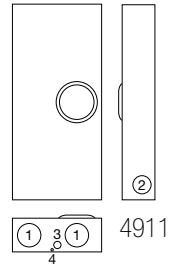
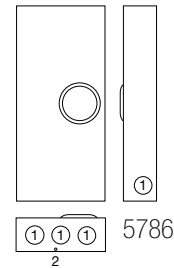
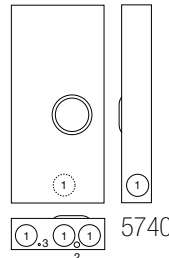
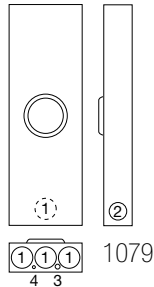
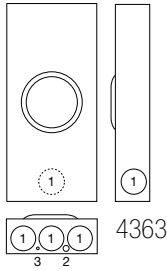
U1079-X-QG-K3-K2



U5740-X-K3L-K2L



U5786-X-K3-K2-BL



NOTE

Ameren requires these units at 240 Volts and below.
For commercial services, Ameren requires fifth terminal in 6 o'clock position. Order kit K3865.
K4802 anti-inversion clip must be field installed in all 320A commercial meter sockets in the upper right-hand jaw.

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

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U4363-X-QG-K3-K2	OH	C.P.	#4-600 or (2) #1/0-250	Twin #350	Lever	4 ⁷ / ₈	13	28 ¹ / ₄	3	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U1079-X-QG-K3-K2*	OH	C.P.	#4-600 or (2) #1/0-250	Twin #350	Lever	4 ⁷ / ₈	13	38 ³ / ₄	3	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄
U5740-X-K3L-K2L	OH/UG	C.P.	#4-600 or (2) #1/0-250	Twin #350	Lever	4 ⁷ / ₈	15	31 ³ / ₄	3	1 ¹ / ₄ , 1 ¹ / ₂	1 ¹ / ₄	—
U5786-X-K3-K2-BL	OH/UG	C.P.	#4-600 or (2) #1/0-250	Twin #350	Lever	6 ¹ / ₂	17 ³ / ₄	38 ³ / ₄	3	1 ¹ / ₄	—	—

320 Amp – 7 Terminal – Single Position – Lever Bypass – 3Ø4W – Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U4911-X-QG-BL**	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	Lever	6 ¹ / ₂	17 ³ / ₄	38 ³ / ₄	4	3	1	1 ¹ / ₄

Notes

* For 3Ø3W, use U1079 with 5th terminal in 6 o'clock position.

** Studs will need lug kit on line/load.

• **Isolation Kit:** For isolated neutral kit for U5740, order K5979.



Meter Mains

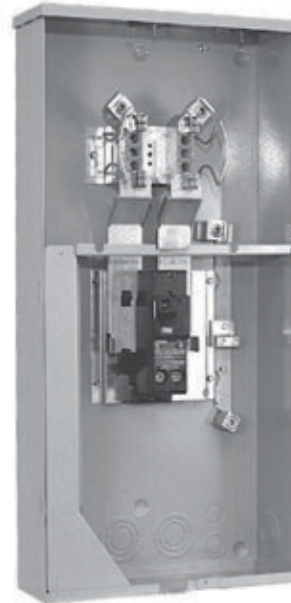
100-200 Amp | 4 Terminal | Ringless | 120/240 VAC



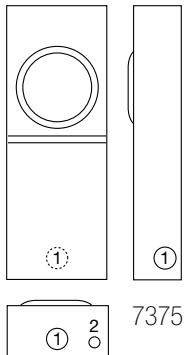
U7375-RL-KK



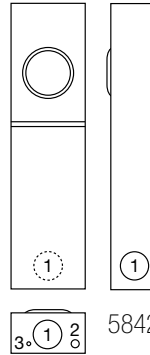
U5842-RL-200-KK



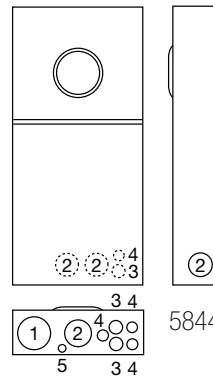
U5844-XL-200-KK



7375



5842



5844

100-200 Amp — 4 Terminal — Meter Main — 1Ø3W — Horn Bypass — Ringless

Catalog Number	Service	Amps	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U7375-RL-KK	OH	100	H.O.	#6-2/0	#6-1/0 CB	3/4	8 1/8	22	1 1/4	1/4, 1/2	—	—	—
U5842-RL-KK	OH	100/200	H.O.	#6-350	CB	4 1/8	8	30	2 1/2	1/4, 1/2	1/4	—	—
U5842-RL-100-KK	OH	100	H.O.	#6-350	#6-1/0 CB	4 1/8	8	30	2 1/2	1/4, 1/2	1/4	—	—
U5842-RL-200-KK	OH	200	H.O.	#6-350	CB	4 1/8	8	30	2 1/2	1/4, 1/2	1/4	—	—
U5844-XL-KK	OH/UG	200	C.P.	#6-350	CB	4 1/2	14	30	3	2 1/2	1	1/2, 3/4	1/4, 1/2
U5844-XL-200-KK	OH/UG	200	C.P.	#6-350	CB	4 1/2	14	30	3	2 1/2	1	1/2, 3/4	1/4, 1/2

Notes

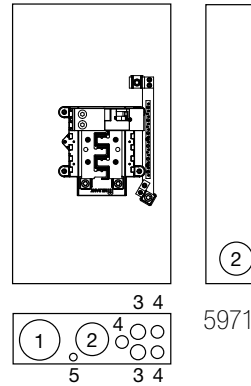
- **Fifth Terminal:** For field installed fifth terminal for **U5842** and **U5844**, order **K5T**. For **U7375**, order **5T8K2**.

Unmetered Load Centers

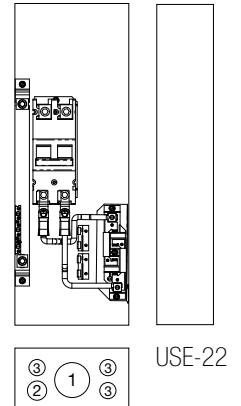
100-200 Amp | 120/240 VAC



U5971-XL-200



USE-22-200-MB



100-200 Amp – Load Center with Main Breaker – 120/240V

Catalog Number	Main Breaker Amp	Branch Circuits	Service	Hub	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
U5971-XL-100	100	10	OH/UG	C.P.	4½	14⅝	25⅙	3	2	1	½,¾	¼,½
U5971-XL-150	150	8	OH/UG	C.P.	4½	14⅝	25⅙	3	2	1	½,¾	¼,½
U5971-XL-200	200	8	OH/UG	C.P.	4½	14⅝	25⅙	3	2	1	½,¾	¼,½

Notes

- **AIC Rating:** 22K AIC rating.
- **Line Terminals:** As specified on circuit breaker (300 kcmil max).
- **Load Terminals:** As specified on circuit breakers (#1 AWG max).
- **Breaker Interlock:** Order **K5815** for 200A or 150A to 100A breakers (large frame to small frame). Order **K5820** for 200A or 150A to 200A or 150A breakers (large frame to large frame). Order **K5830** for 100A to 100A (small frame to small frame).

200 Amp – Main Power Outlet – Branch Provisions – 10K AIC Rated – 1Ø3W

Catalog Number	Service	Hub	Breakers Installed	Branch Circuits	Connectors CU/AL	Dimensions			Knockouts		
					Line	D"	W"	H"	1	2	3
USE-22-200-MB	OH	2"	UQFB-M-200	4	2/0-300	4	8	22⅝	2	1	¼,½

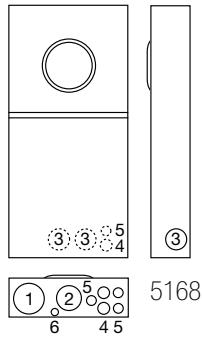
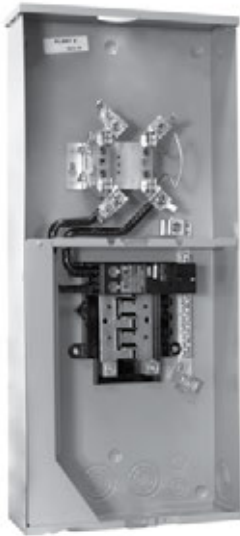


Meter Main With Load Center

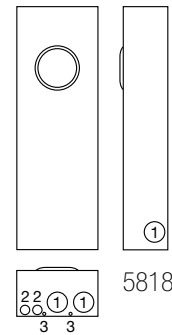
100-200 Amp | 4 Terminal | Ringless | 120/240 VAC

13

100-200 AMP
METER MAIN
W/ LOAD
CENTER



U5168-XL-200-KK-AMS



U5818-XL-200S-KK

100-200 Amp — 4 Terminal — Meter Main w/ Load Center — Horn Bypass — Ringless — 1Ø3W

Catalog Number	Service	Amps	Hub	Branch Circuits	Connectors CU/AL		Dimensions			Knockouts					
					Line	Load	D"	W"	H"	1	2	3	4	5	6
U5168-XTL-100-KK	OH	100	C.P.	10	#6-350	CB	4½	14⅞	30	3	2½	2	1	½,¾	¼,½
U5168-XL-200-KK-AMS	OH/UG	200	C.P.	8	#6-350	CB	4½	14⅞	32⅞	3	2½	2	1	½,¾	¼,½
U5818-XL-200S-KK	OH	200	C.P.	4	#6-350	CB	5½	10	30	2	½,¾	¼	—	—	—

Notes

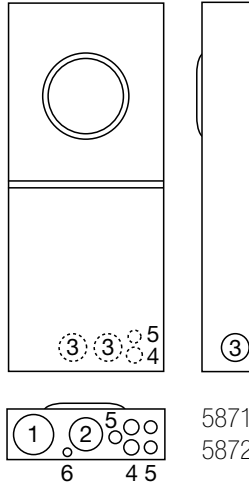
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Breakers:** The **U5168** is rated 22K AIC with Milbank QNR2200H main installed. Units are also available with 150 or 175 amp breakers — replace **-200** with **-150** or **-175**.
- **Interlock Kit:** For generator auxiliary circuit breaker interlock, order **K5815** for large frame **QN** with small frame **Q**; order **K5820** for large frame **QN** with large frame **QN**.

Meter Main With Load Center

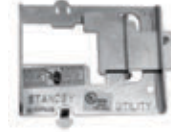
5 Terminal | Lever Bypass | Ringless | 120/240 VAC



U5871-XL-200



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

NOTE

Ameren allows these units at 240 Volts and below. For commercial services, Ameren standards require 5th terminal in 6 o'clock position on all units shown.

100-200 Amp – 5 Terminal – Meter Mains – Lever Bypass – Ringless – 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Branch Circuits	Dimensions			Knockouts					
			Line	Load		D"	W"	H"	1	2	3	4	5	6
U5871-XL-100-5T6	OH/UG	C.P.	#6-350	CB	8	4½	14⅞	33½	3	2½	2	1	½,¾	¼,½
U5871-XL-200-5T9	OH/UG	C.P.	#6-350	CB	8	4½	14⅞	33½	3	2½	2	1	½,¾	¼,½
U5872-XL-200-5T9	OH/UG	C.P.	#6-350	CB	20	4½	14⅞	33½	3	2½	2	1	½,¾	¼,½

Notes

- **Breakers:** Units are factory supplied with Siemens 200 amp plug-in type **QN2200RH** breaker. Other amperages available. When applicable, replace suffix with desired amperage (-100, -125, -150).
- **Branch Breakers:** Single-pole branch circuits available with feed through lugs.
- **Fifth Terminal:** For field installed fifth terminal, order **K3866**. Installs in the 6 o'clock or 9 o'clock position.
- **Interlock Kit:** For generator auxiliary circuit breaker interlock for large frame **QN** with small frame **Q** order **K5815**; for large frame **QN** with large frame **QN** order **K5820**; for small frame **Q** order **K5830**. **K5815** and **K5820** compatible only with Siemens circuit breakers.

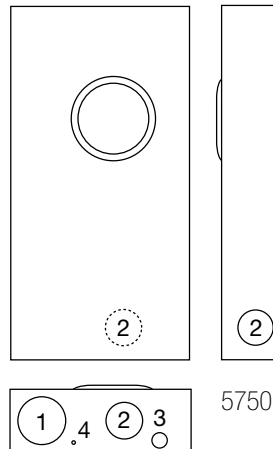


Lever Bypass Meter Main

200 Amp | 7 Terminal | Ringless | 240 VAC



U5750-RXL-200-BL



5750

200 Amp – 7 Terminal – Meter Main with Breaker – Lever Bypass – Ringless – 3Ø4W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U5750-RXL-200-BL	200	OH/UG	C.P.	#6-350	1/0-300	5 ³ / ₄	17 ³ / ₈	34	4	3	1	1/4

Notes

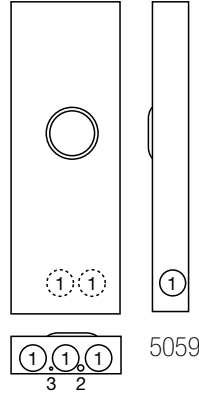
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Bypass:** Lever supplies clamping action on meter sapdes and also operates bypass device.
- **Breaker:** Factory installed 200 amp, 3-pole, 10,000 AIC.

Lever Bypass Meter Mains

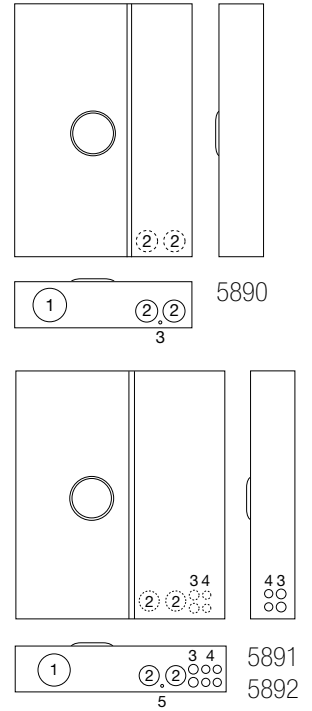
320 Amp | 4 & 5 Terminal | Ringless | 120/240 VAC



U5059-X-2/200-K3L



U5891-X-2/200-MLK



NOTE

Ameren allows these units at 240 Volts and below. For commercial services, Ameren standards require 5th terminal in 6 o'clock position on all units shown. K4802 anti-inversion clip must be field installed — see below.

320 Amp – 4 Terminal – Single Position – Lever Bypass – Ringless

Catalog Number	Service	Hub	Branch Circuits	Connectors CU/AL		Bypass	Dimensions			Knockouts				
				Line	Load		D"	W"	H"	1	2	3	4	5
U5059-X-2/200-K3L	OH/UG	C.P.	—	#4-600	1/0-300	Lever	4 ⁷ / ₈	15	42 ¹ / ₂	3	1/4, 1/2	1/4	—	—
U5890-X-2/200	OH/UG	C.P.	—	3/8 x 16 Stud	1/0-300	Lever	6	24 ¹ / ₂	35	4	2 ¹ / ₂	1/3	—	—
U5891-X-2/200-MLK	OH/UG	C.P.	12	3/8 x 16 Stud	1/0-300	Lever	6	29 ¹ / ₂	35	4	2 ¹ / ₂	1	1/2, 3/4	1/3
U5892-X-2/200	OH/UG	C.P.	24	3/8 x 16 Stud	1/0-300	Lever	6	29 ¹ / ₂	35	4	2 ¹ / ₂	1	1/2, 3/4	1/3

Notes

- **Required Anti-Inversion Clip:** For required field installable metal tab that prevents 200A meters from being installed on 320A socket, order **K4802**.
- **Neutral:** Bonded neutral and ground factory installed.
- **Short Circuit Current Withstand Rating:** 22K AIC standard.
- **Bypass:** Lever supplies claming action and operates bypass device.
- **Fifth Terminal:** For field installed fifth terminal, order **K3865** for **U5890**, **U5891** and **U5892**. For **U5059**, order **K3866**.
- **For Commercial Services:** Add 5th terminal in the 6 o'clock position.
- **-MLK:** Feed-through lug kit.



Cold Sequence Meter Mains

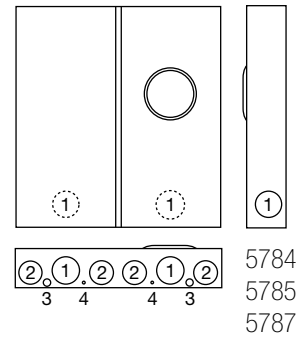
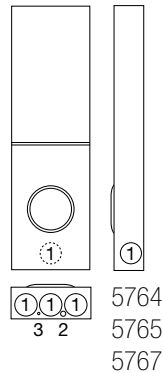
5 & 7 Terminal | Ringless



U5767-X-200-CB



U5787-O-200-CB



200 Amp Circuit Breaker Disconnect Ahead Of Meter Socket — Lever Bypass

Catalog Number	Service	Terminals	System	Hub	Connectors CU/AL - Load	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U5764-X-200-5T-CB*	OH/UG	5	1Ø3W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5765-X-200-CB*	OH/UG	5	3Ø3W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5767-X-200-CB*	OH/UG	7	3Ø4W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5784-O-200-5T-CB	UG	5	1Ø3W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼
U5785-O-200-CB	UG	5	3Ø3W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼
U5787-O-200-CB	UG	7	3Ø4W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼

200 Amp T-Fuse Pullout Disconnect Ahead of Meter Socket — Lever Bypass

Catalog Number	Service	Terminals	System	Hub	Connectors CU/AL - Load	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U5764-X-200-5T-TF	OH/UG	5	1Ø3W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5765-X-200-TF	OH/UG	5	3Ø3W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5767-X-200-TF	OH/UG	7	3Ø4W	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	3	¼, ½	¼	—
U5784-O-200-5T-TF	UG	5	1Ø3W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼
U5785-O-200-TF	UG	5	3Ø3W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼
U5787-O-200-TF	UG	7	3Ø4W	Blank	#6-350	4 ²⁷ / ₃₂	26	28	3	2½	¼, ½	¼

Notes

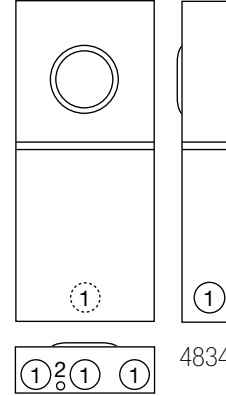
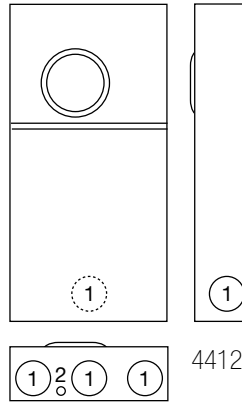
- ***Overhead Only Approval:** The U5764, U5765 and U5767 are only approved for overhead service in St. Louis city and county.
- **Fuses:** Fuse holder only. Fuses not supplied. Use Class T fuses.
- **Application:** Suitable for use as service equipment only.
- **Barrel Lock:** Barrel lock provision on meter panel available. Add **-BL** suffix to end of catalog number.
- **Service:** UL listed for overhead and underground use. Consult utility for underground use acceptance.
- **Circuit Breaker:** Circuit breaker type rated: 200 amp, 600V @ 22K AIC, 480V @ 35K AIC, 240V @ 65K AIC.

Manual Transfer Switch

200 Amp | 4 & 5 Terminal | Ringless | 120/240 VAC



U4412-RL-200-100-KK



U4834-XL-200-5T6
Shown with 200 Amp
auxiliary breaker

200 Amp — 4 Terminal — Manual Transfer Switch — Ringless — 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U4412-RL-200-100-KK	OH	H.O.	#6-350	*See Note	Horn	5½	17	34	3	¼,½
U4412-RL-200-200-KK	OH	H.O.	#6-350	*See Note	Horn	5½	17	34	3	¼,½

Notes

- ***Connectors for Load Side:** (2) #6-350, and (1) #14-1/0 per phase.
- **Hubs:** For proper hub selection see the hub suffix chart on the accessory page.
- **Breakers:** The Milbank **UQFB-A-200-X1** bolt-on main circuit breaker is factory installed. Auxiliary power side uses the **UQFP** series circuit breaker.
- **Auxiliary Breaker Connectors Line Side:** #3-#1 CU, #1-1/0 AL for 100 & 125 amp. 1/0 to 3/0 for 150-200 amp.
- **Breaker Lockout Sliding Bar:** Prevents both breakers from being "ON" at the same time.

200 Amp — 5 Terminal — Manual Transfer Switch — Ringless — 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U4834-XL-200-5T6	OH	C.P.	#6-350	#6-350	Lever	5½	17	39	3	¼,½

Notes

- **Auxiliary Breakers:** Must be ordered separately. Use **UQFP**-(AMP) style breaker.
- **Fifth Terminal:** The **-5T6** suffix indicates a factory-installed fifth terminal in the 6 o'clock position.



Multi-Position Sockets

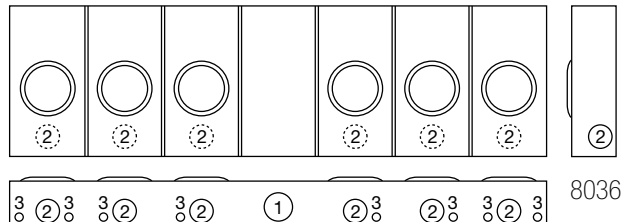
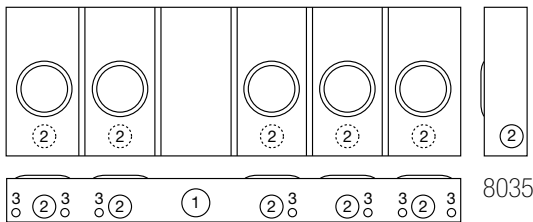
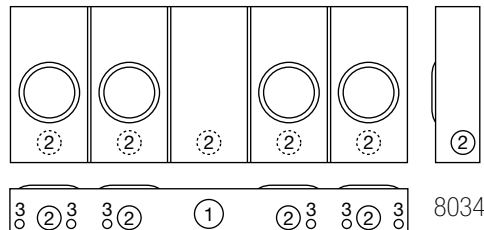
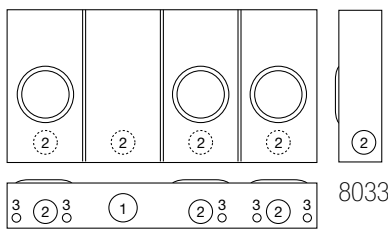
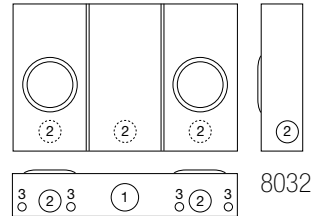
100 Amp | 4 Terminal | Ringless | 300 VAC

19

100 AMP
MULTI-
POSITION



U8032-XL-KK



100 Amp per Position — 4 Terminal — Multi-Position — Ringless

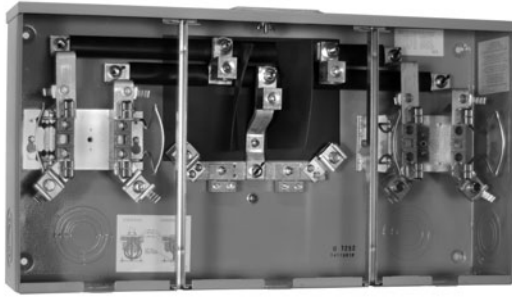
Catalog Number	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U8032-XL-KK	2	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	24½	16	2½	2	½
U8033-XL-KK	3	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	32 ¹ / ₁₆	16	2½	2	½
U8034-XL-KK	4	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	40 ⁷ / ₈	16	2½	2	½
U8035-XL-KK	5	OH/UG	C.P.	#6-350	#6-2/0	Horn	4½	49 ¹ / ₁₆	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

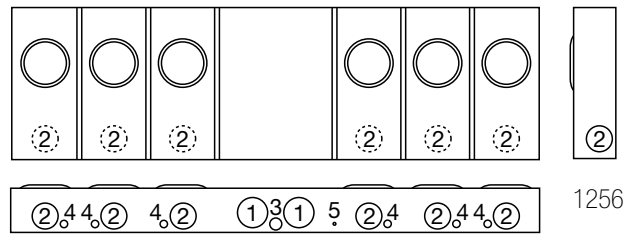
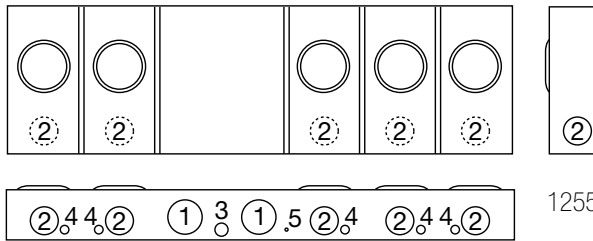
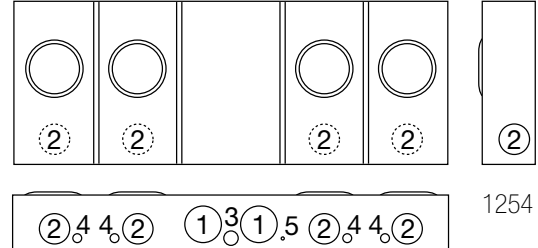
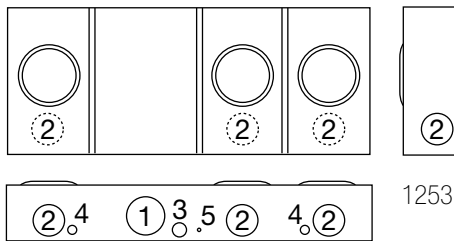
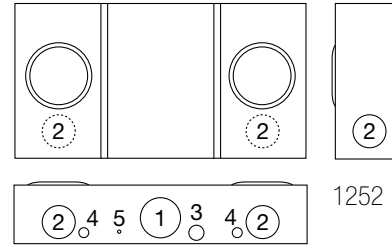
- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin plated.

Multi-Position Sockets

200 Amp | 4 Terminal | Ringless | 300 VAC



U1252-X-QG-KK-K1



200 Amp per Position – 4 Terminal – Multi-Position – Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
				Line	Load		D"	W"	H"	1	2	3	4	5
U1252-X-QG-KK-K1	2	OH/UG	C.P.	#6-350	#2-350	Horn	5½	26½	14	3	2½	1	½	¼
U1253-X-QG-KK-K1	3	OH/UG	C.P.	#6-350	#2-350	Horn	5½	34½	14	3	2½	1	½	¼
U1254-X-QG-KK-K1	4	OH/UG	C.P.	#6-350	#2-350	Horn	5½	42¾	16	3	2½	1	½	¼
U1255-X-QG-KK-K4	5	OH/UG	C.P.	(2) #2-600	#2-350	Horn	5½	54¾	16	3	2½	1	½	¼
U1256-X-QG-KK-K4	6	OH/UG	C.P.	(2) #2-600	#2-350	Horn	5½	62¾	18	3	2½	1	½	¼

Notes

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



Lever Bypass Multi-Position Sockets

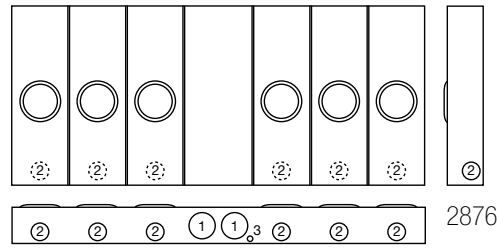
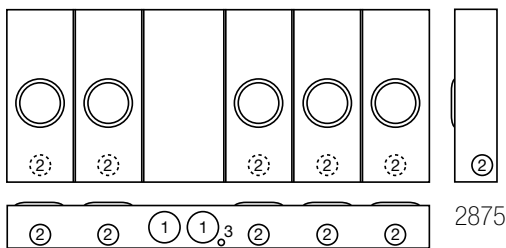
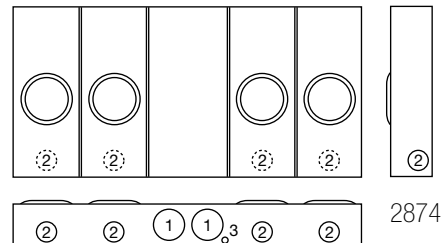
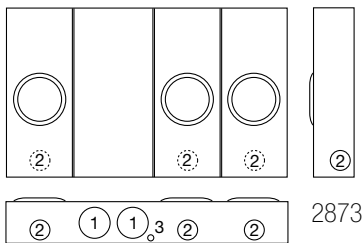
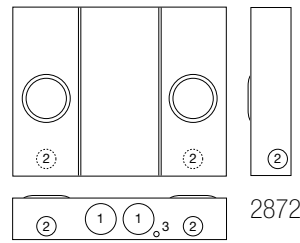
200 Amp | 5 Terminal | Ringless | 300 VAC

21

200 AMP
LEVER BYPASS
MULTI-
POSITION



U2873-XT



200 Amp per Position — 5 Terminal — Multi-Position — Ringless

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

Notes

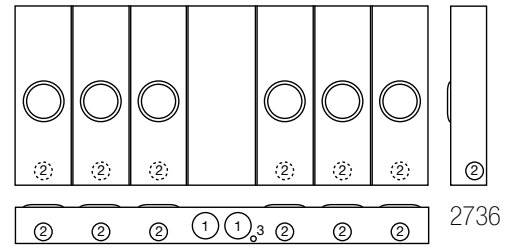
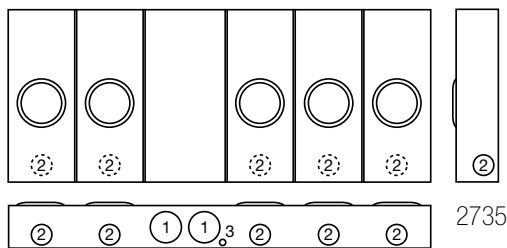
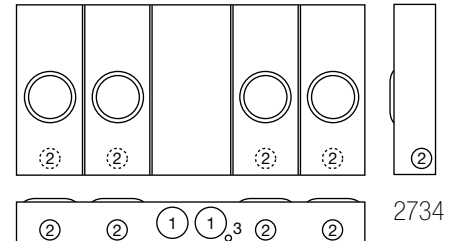
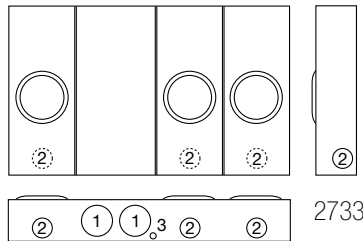
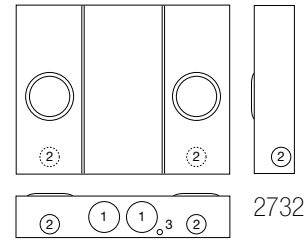
- **Hubs:** Units supplied with two closing plates. To order hubs as extra, refer to the hub suffix chart on the accessories page.
- **Connector Kits:** For line side connector kits, order as extra **K1539** (350 kcmil), **K1540** (600 kcmil), twin **K1350** (350 kcmil), twin **K1541** (600 kcmil). Line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

Lever Bypass Multi-Position Sockets

200 Amp | 7 Terminal | Ringless | 300 VAC



U2732-XT



200 Amp per Position – 7 Terminal – Multi-Position – Lever Bypass – Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U2732-XT	2	OH/UG	(2) C.P.	3/8" x 16 Stud	#6-350	6	32 ³ / ₁₆	25 ¹ / ₄	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U2733-XT	3	OH/UG	(2) C.P.	3/8" x 16 Stud	#6-350	6	42 ³ / ₁₆	25 ¹ / ₄	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U2734-XT	4	OH/UG	(2) C.P.	3/8" x 16 Stud	#6-350	6	52 ¹ / ₄	25 ¹ / ₄	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U2735-XT	5	OH/UG	(2) C.P.	3/8" x 16 Stud	#6-350	6	62 ⁵ / ₁₆	25 ¹ / ₄	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂
U2736-XT	6	OH/UG	(2) C.P.	3/8" x 16 Stud	#6-350	6	72 ³ / ₈	31 ¹ / ₄	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂

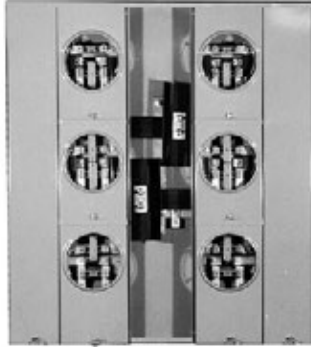
Notes

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

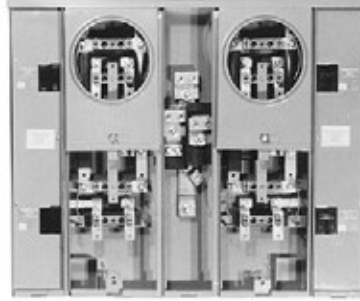


Multi-Position Meter Mains

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



U2866-X



U2854-X

(Order circuit breakers as extra)

125 Amp Per Position — Multi-Position Sockets — Ringless

Catalog Number	Amps Per Position	Positions	Service	Main Bus Rating	Line Connector Size	Bypass	Dimensions		
							D"	W"	H"
U2852-X-KK	125	2	OH/UG	200 Amp	3/8" x 16 Stud	Horn	5 ¹³ / ₁₆	18	25
U2853-X-KK	125	3	OH/UG	200 Amp	3/8" x 16 Stud	Horn	5 ¹³ / ₁₆	18	37
U2854-X-KK	125	4	OH/UG	400 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	31	25
U2855-X-KK	125	5	OH/UG	400 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	31	37
U2856-X-KK	125	6	OH/UG	400 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	31	37

200 Amp Per Position — Multi-Position Sockets — Ringless

Catalog Number	Amps Per Position	Positions	Service	Main Bus Rating	Line Connector Size	Bypass	Dimensions		
							D"	W"	H"
U2862-X-KK	200	2	OH/UG	250 Amp	3/8" x 16 Stud	Horn	5 ¹³ / ₁₆	21	29
U2863-X-KK	200	3	OH/UG	300 Amp	3/8" x 16 Stud	Horn	5 ¹³ / ₁₆	21	41
U2864-X-KK	200	4	OH/UG	400 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	36	29
U2865-X-KK	200	5	OH/UG	600 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	36	41
U2866-X-KK	200	6	OH/UG	600 Amp	3/8" x 16 Stud	Horn	4 ⁷ / ₈	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	125-200 Amps	100 Amps or Less
Cutler Hammer	BR / WBJ / HQP	QP / BR
Siemens	QN	QP
G.E.	THQ	THQ
Square D	—	Homeline

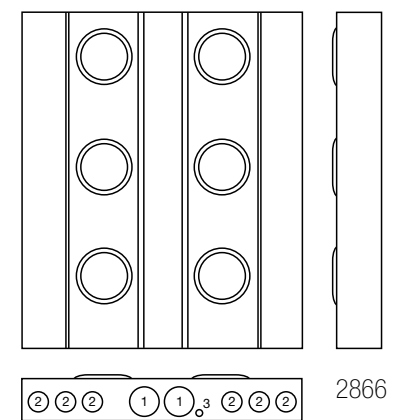
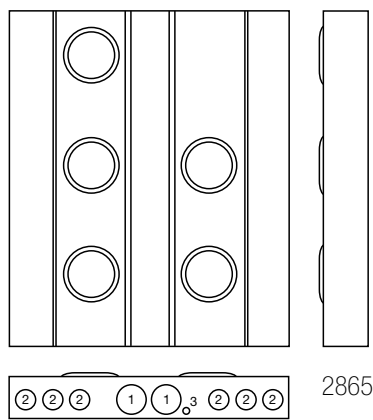
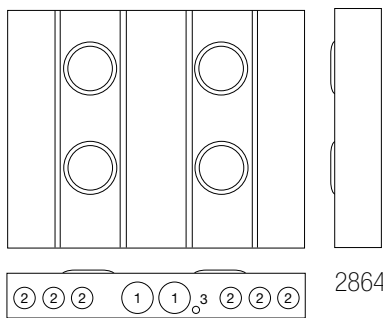
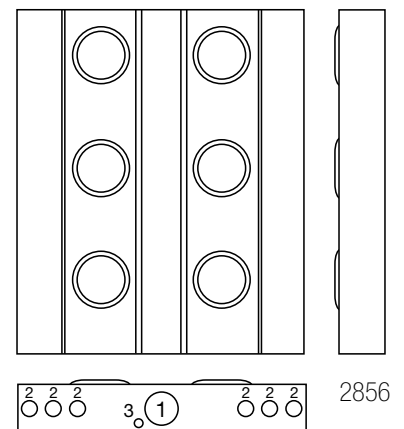
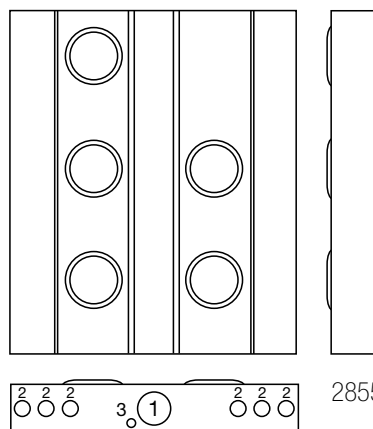
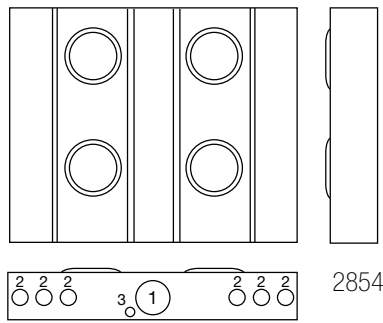
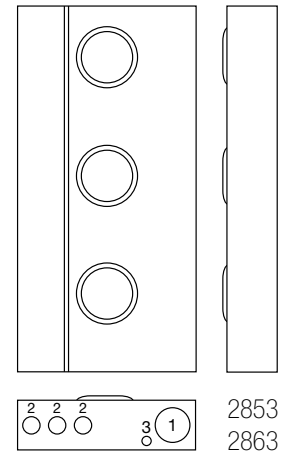
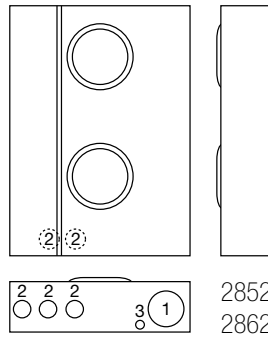
Notes

- **Connectors:** For line wire connector kits, order separately.
- **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.
- **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.
- **Knockouts:** See next page for drawings and knockout configurations.

Multi-Position Meter Mains

Knockout Information

Catalog Number	Knockouts		
	1	2	3
U2852-X-KK	3	1¼	¼, ½
U2853-X-KK	3	1¼	¼, ½
U2854-X-KK	3	1¼	¼, ½
U2855-X-KK	3	1¼	¼, ½
U2856-X-KK	3	1¼	¼, ½
U2862-X-KK	3	2	¼, ½
U2863-X-KK	3	2	¼, ½
U2864-X-KK	3	2	¼, ½
U2865-X-KK	3	2	¼, ½
U2866-X-KK	3	2	¼, ½



Multi-Position Meter Mains

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

25

125/200 AMP
MULTI-
POSITION
METER MAINS



U5882-X-KK



U5884-X-KK

125 Amp / Position — 4 Terminal — Multi-Position Meter Main — Ringless

Catalog Number	Amps	Positions	Bus Rating	Service	Hub	Bypass	Connectors CU/AL - Line	Dimensions			Weight (lbs.)
								D"	W"	H"	
U5902-X-KK	125	2	200	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	26 1/2"	30"	58
U5903-X-KK	125	3	300	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	34 5/8"	30"	88
U5904-X-KK	125	4	400	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	42 1/2"	30"	107
U5905-X-KK	125	5	500	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	51 1/20"	30"	128
U5906-X-KK	125	6	600	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	59 9/10"	30"	146

200 Amp / Position — 4 Terminal — Multi Position Meter Main — Ringless

Catalog Number	Amps	Positions	Bus Rating	Service	Hub	Bypass	Connectors CU/AL - Line	Dimensions			Weight (lbs.)
								D"	W"	H"	
U5882-X-KK	200	2	320	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	26 1/2"	30"	58
U5883-X-KK	200	3	480	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	34 5/8"	30"	88
U5884-X-KK	200	4	640	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	42 1/2"	30"	107
U5885-X-KK	200	5	640	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	51 1/20"	30"	128
U5886-X-KK	200	6	640	OH/UG	C.P.	Horn	3/8" x 16 Stud	5 1/8"	59 9/10"	30"	146

Connector Kits

Size	Suffix	Kit Number	Compatible With	Wire Range
Single	-K1	K1539	U5902-06, U5882-86	#6-350
	-K3	K1540	U5904-06, U5884-86	#4-600
Twin	-K2	K1350	U5904-06, U5883-86	#6-350
	-K4	K1541	U5884-86	#2-600

Breaker Chart

Manufacturer	125-200 Amps	100 Amps or Less
Cutler Hammer	BR / WBJ / HQP	QP / BR
Siemens	QN	QP
G.E.	THQ	THQ
Square D	—	Homeline

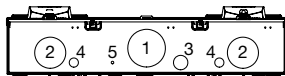
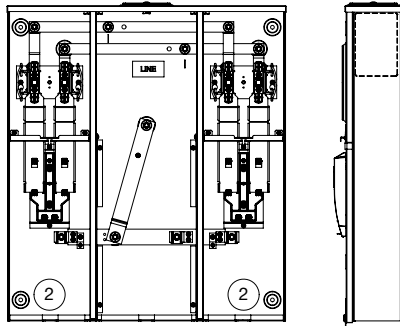
Notes

- **Breakers:** Units have provision for one double pole main per meter position. Breakers not included.
- **Knockouts:** See knockout information on next page.
- **AIC Rating:** All models are rated **22K AIC** when used with 22K breakers.
- **Hub:** Units supplied with one (1) closing plate. Order hubs separately, see accessory page.
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Connectors:** Socket is supplied with 3/8" - 16 hex head nuts with Belleville washers.

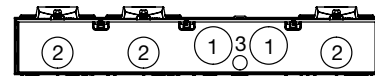
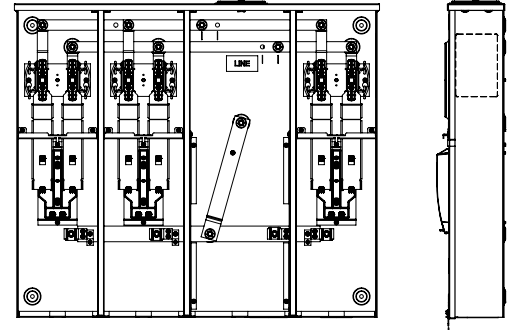
Multi-Position Meter Mains

Knockout Information

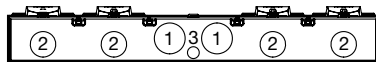
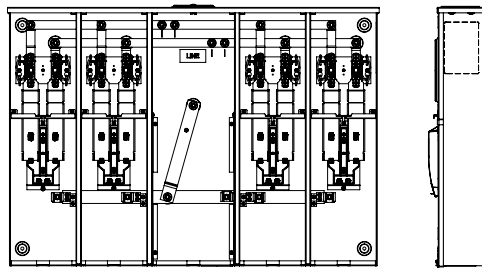
Knockouts				
1	2	3	4	5
3	2½	1	¾	¼



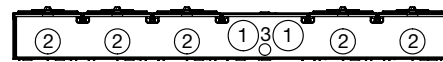
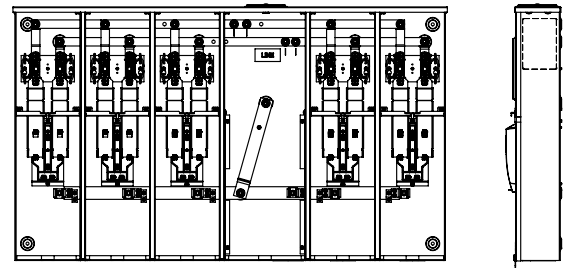
5882
5902



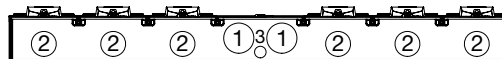
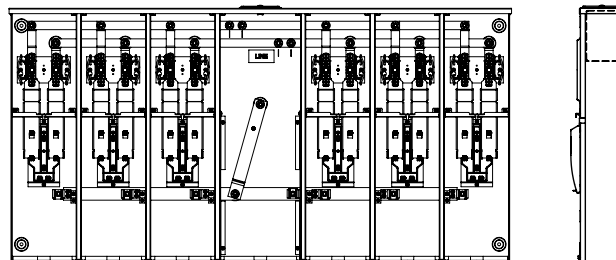
5883
5903



5884
5904



5885
5905



5886
5906

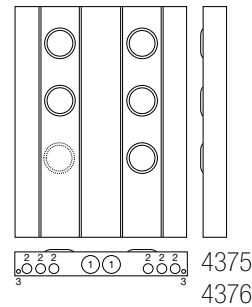
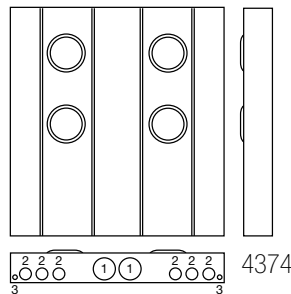
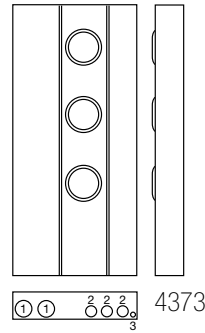
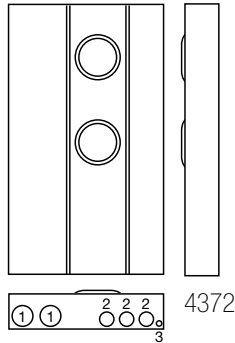


Lever Bypass Multi-Position Meter Mains

200 Amp/Position | 5 Terminal | Ringless | 120/240 VAC



U4374-Xt-5T9



NOTE

Ameren requires these units at 240 Volts and below. For commercial services, Ameren standards require 5th terminal in 6 o'clock position on all units shown.

200 Amp/Position — 5 Terminal — Lever Bypass Multi-Position Sockets — Ringless — 1Ø3W

Catalog Number	Positions	Main Bus Rating	Line Connector Size	Dimensions			Knockouts		
				D"	W"	H"	1	2	3
U4372-Xt-5T9	2	320 Amp	3/8" x 16 Stud*	6	27 3/4	48	3	2	1/4, 1/2
U4373-Xt-5T9	3	480 Amp	3/8" x 16 Stud*	6	27 3/4	60	3	2	1/4, 1/2
U4374-Xt-5T9	4	640 Amp	3/8" x 16 Stud*	6	45	48	4	2	1/4, 1/2
U4375-Xt-5T9	5	640 Amp	3/8" x 16 Stud*	6	45	60	4	2	1/4, 1/2
U4376-Xt-5T9	6	640 Amp	3/8" x 16 Stud*	6	45	60	4	2	1/4, 1/2

Connector Kits*

Size	Suffix	Kit Number	Wire Range
Single	-K3	K1540	#4-600
Twin	-K2	K1350	#6-350
	-K4	K1541	#2-600

Breaker Chart

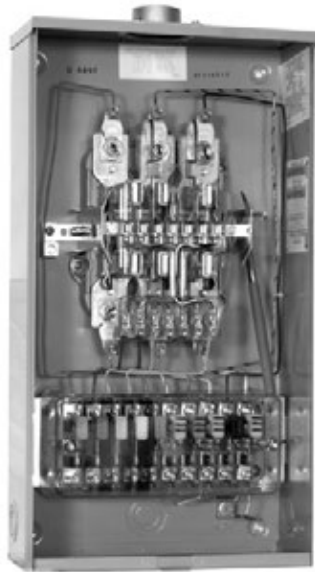
Manufacturer	125-200 Amps	100 Amps or Less
Cutler Hammer	BR / WBJ / HQP	QP / BR
Siemens	QN	QP
G.E.	THQ	THQ
Square D	—	Homeline

Notes

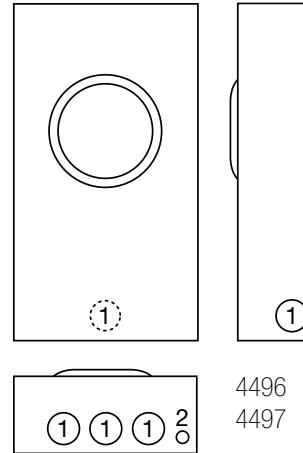
- **Connectors:** For line wire connector kits, order separately (see chart above).
- **Breakers:** Units have provision for one double pole main per meter position. Breakers not included. Order as extra (see chart above).
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.

Lever Bypass Transformer Rated

20 Amp | 8 & 13 Terminal | Ringless | 600 VAC



U4497-ZL-WC61



NOTE

In Illinois, CT-rated sockets are supplied by the customer. U4996-ZL-WC41 and U4997-ZL-WC61 are sold in Illinois only. In Missouri, CT-rated sockets are supplied by Ameren.

***20 Amp – Ringless – Transformer Rated – Lever Bypass – With Provision for Test Switch**

Catalog Number	Terminals	System	Hub	Service	Connectors CU	Bypass	Dimensions			Knockouts	
							D"	W"	H"	1	2
U4496-ZL-WC41	8	1Ø3W or 3Ø3W	1½"	OH/UG	#14 - #4 Max	Lever	4⅞	12	22	1¼	¼, ½
U4497-ZL-WC61	13	3Ø4W	1½"	OH/UG	#14 - #4 Max	Lever	4⅞	12	22	1¼	¼, ½

Notes

- **Bypass:** Lever operates current bypass devices and also supplies clamping action on current meter spades.
- ***Block Assembly:** Block assembly rated at 80 amps and test switch rated at 20 amps; therefore, unit defaults to test switch rating of 20 amps.



Transformer Cabinets

400–800 Amps



PT48AL*
PT48AR*



CT364811-HC-AMS

Hinge Cover Transformer Cabinets

Catalog Number	C.T. Racks**	Dimensions			Front Cover
		D"	W"	H"	
CT244811-HC	A	11	24	48	1 Piece
CT304811-HC-AMS	A, B, G, H	11	30	48	1 Piece
CT364811-HC-AMS	A, B, G, H	11	36	48	1 Piece

PT Cabinets

Catalog Number	Dimensions			Knockout
	D"	W"	H"	
PT48AL	8	12	36	2½" - right side
PT48AR	8	12	36	2½" - left side

Notes

- ***PT48:** PT48AL has mounting emboss on the right side to be mounted on left side of CT cabinet. PT48AR has mounting emboss on left side to be mounted on right side of CT cabinet.
- ****Mounting Rack:** Select CT mounting rack from next page.
- **Enclosure:** These units are rated Type 3R, powder coated and constructed of galvanized steel.
- **Mounting:** ¼ - 20 welded studs.

CT Cabinet Mounting Racks

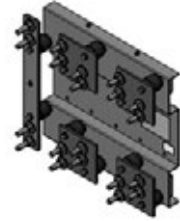
Stud & Lug Type



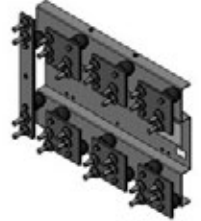
K4797 (studs)



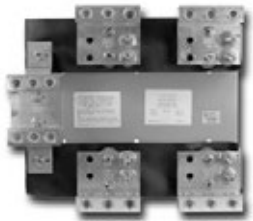
K4798 (studs)



K5932 (studs)



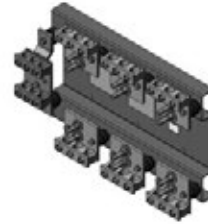
K5933 (studs)



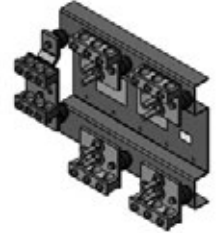
K4729 (with lugs)



K4722 (with lugs)



K5930 (with lugs)



K5931 (with lugs)

NOTE

Ameren requires CT metering as follows:
400 amps and larger at 240V and below.
200 amps and larger at 277/480V and below.

Hinge Cover Transformer Cabinets

Code	Catalog Number	AIC Rating	Amps	Volts	Type of Service	Termination Type
A	K4797	50K	800	600	1Ø3W or 3Ø3W	½ - 13 studs on 1¾" centers
B	K4798	50K	800	600	3Ø4W	½ - 13 studs on 1¾" centers
G	K4729	50K	800	600	1Ø3W or 3Ø3W	6 lugs: (3) #4-600 or (6) #1-250
H	K4722	50K	800	600	3Ø4W	8 lugs: (3) #4-600 or (6) #1-250
H	K5930	50K	800	600	3Ø4W	8 lugs: (3) #4-600 or (6) #1-250
G	K5931	50K	800	600	1Ø3W or 3Ø3W	6 lugs: (3) #4-600 or (6) #1-250
A	K5932	50K	400	600	1Ø3W or 3Ø3W	½ - 13 studs on 1¾" centers
B	K5933	50K	400	600	3Ø4W	½ - 13 studs on 1¾" centers

Notes

- Select CT enclosures from previous page.
- **PT Cabinets:** PT Cabinets are required on all 277/480V installations.



Meter Main w/ Load Center Pedestal

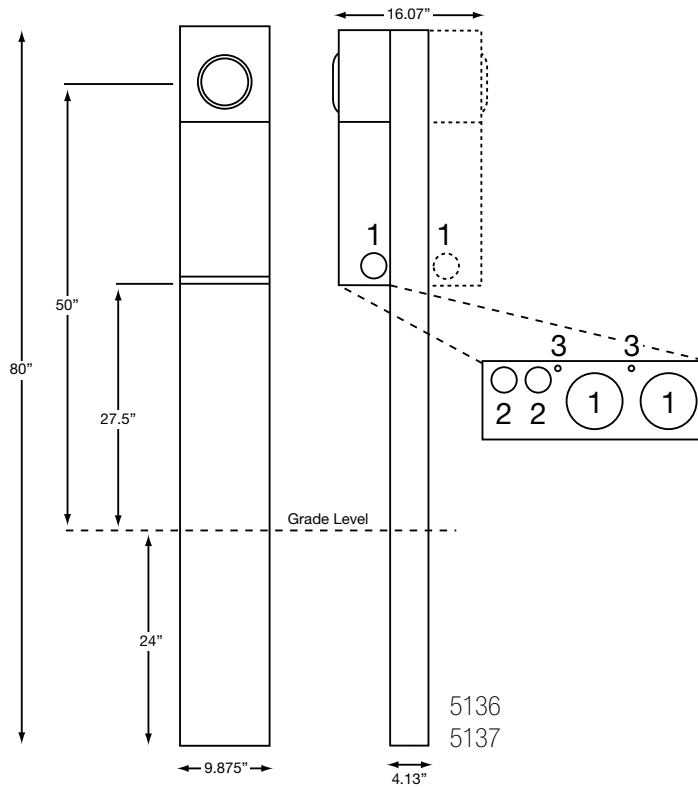
100/200 Amp | 4 Terminal | Ringless | 120/240 VAC

31

100/200 AMP
METER MAIN
W/ LOAD
CENTER
PEDESTAL



U5136-O-200S
(shown with 20A
receptacle and breaker)



NOTE

Ameren-approved in Missouri only.

4 Terminal – Meter Main Pedestal – Ringless

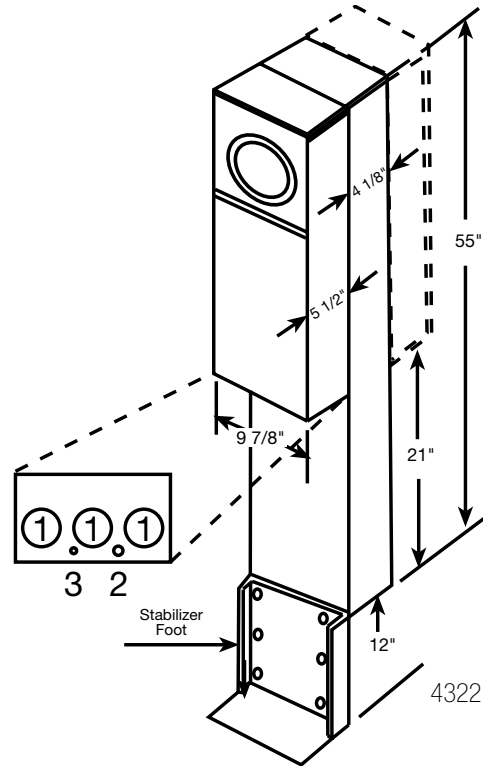
Catalog Number	Amps	Service	Powerheads	Branch Circuits	Bypass	Connectors CU/AL		Knockouts		
						Line	Load	1	2	3
U5136-O-100S	100	UG	Single	4	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5136-O-200S	200	UG	Single	4	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-200S	200	UG	Double	4	Horn	#6-350	CB	2	1/2, 3/4	1/4

Notes

- **Parallel to Series Conversion:** For field converting from parallel wired to series wired order **K5194**.
- **Fifth Terminal:** For field installed fifth terminal, order **K5T**.
- **Stabilizer Foot:** For field installed stabilizer foot, order **K5415**.
- **Penta Bolt Locking:** For field installed pedestal fronts penta bolt locking, order **K5039**.
- **Receptacles:** Consult factory for installed receptacle assemblies.
- **Short Circuit Current Rating:** 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.

Meter Main w/ Load Center Pedestal

200 Amp | 5 Terminal | Lever Bypass | Ringless | 120/240 VAC



U4322-O-100MB-5T6

200 Amp – 5 Terminal – Meter Main Pedestal – Lever Bypass – Ringless – 1Ø3W

Catalog Number	Meter Positions	Bypass	Mounting Type	Twin Line Connectors CU/AL	Circuit Provisions	Knockouts		
						1	2	3
U4322-O-100MB-5T6	Single	Lever	Post	#6-350	6	2	1/2	1/4
U4322-O-200MB-5T6	Single	Lever	Post	#6-350	6	2	1/2	1/4

Notes

- **Lever Bypass:** Lever provides clamping action on meter spades and also operates bypass device
- **Application:** The **U4322** pedestal is suitable for use as service equipment or mobile home service equipment. Direct burial kit **K5081/K3188** is included with the unit. For pad mounting, order kit **K5151**.
- **Breakers:** These units are wired as parallel mains and have provisions for six circuits: six single-pole or three double-pole breakers. Quadplex style breakers may be used in accordance to the NEC. If main breaker is used, there are provisions for two 2-pole breakers or four 1-pole breakers in series.

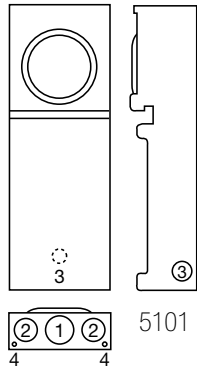


Temporary Power Units

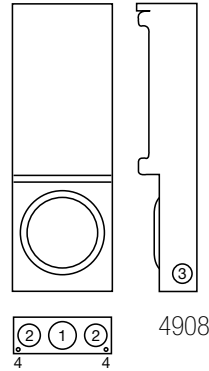
125 Amp | 4 Terminal | Ringless | 120/240 VAC

33

125 AMP
TEMPORARY
POWER UNITS



U5101-XL-100MB-KK-11GR



U4908-O-KK-11GR

4 Terminal — Temporary Power Units — Horn Bypass — Ringless — 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U5101-XL-KK-11GR	125	OH	C.P.	#6-350	#6-350	5 ³ / ₁₆	8 ⁷ / ₈	25	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—
U5101-XL-100MB-KK-11GR*	125	OH	C.P.	#6-350	#6-350	5 ³ / ₁₆	8 ⁷ / ₈	25	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—
U4908-O-KK-11GR	125	UG	Blank	#6-2/0	#6-2/0	5 ³ / ₁₆	9	25 ¹⁵ / ₁₆	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—
U4908-O-100MB-KK-11GR*	125	UG	Blank	#6-2/0	#6-2/0	5 ³ / ₁₆	9	25 ¹⁵ / ₁₆	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—

Notes

- ***-100MB:** All catalog numbers with **-100MB** designation include a 100 amp main breaker.
- **Interior:** Six circuit plated copper interior accepts standard plug-in type circuit breakers.
- **Receptacle Bridge:** Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- **Included Parts:** **U4908** and **U5101** come supplied with 2-20 amp single pole breakers and 2-20 amp GFCI receptacles (pre-wired and installed).

Pad Mounted Panel Board

1200 Amp | 1Ø | 120/240 VAC



CP3B-AUX-1200



CP3B-AUX-1200



CP3B-AUX-1200

Specifications

- 600 to 1200 amp, 120/240V, 1Ø distribution bus accepts up to (6) 2-pole, 200 amp circuit breakers. Order from chart below.
- Costly main breaker not required per NEC 230-71.
- Economical alternative to costly wall-hung or strut-mounted panel boards and load centers.
- Low profile, aesthetic design can be located near utility transformers or fed from a main service to a convenient location.
- Pad mounted Type 3R powder coated aluminum enclosure. Standard color is gray.
- Hinge door and lift off rear service door are lockable and sealable for security.

Pad Mounted Panel Board

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



UQFP

200 Amp Frame — Plug-In — 10K AIC & 22K 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

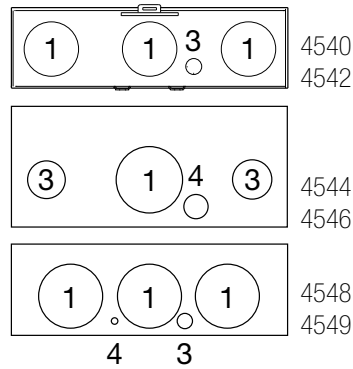
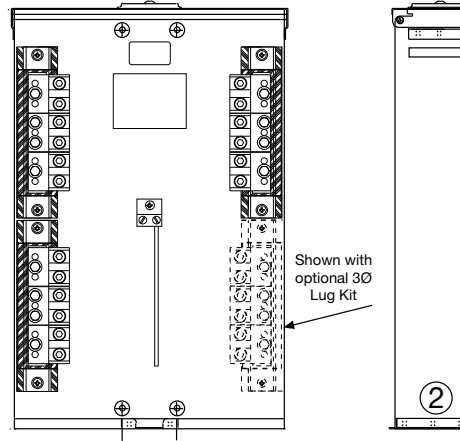


Terminal Box

100, 200 & 400 Amp | 120/240 VAC



U4540-XL



Terminal Boxes – 1Ø and 3Ø – 120/240 VAC

Catalog Number	Amps	Phase	Volts	Hub	Connectors CU7AL	1Ø to 3Ø Kit	Dimensions			Knockouts			
							D"	W"	H"	1	2	3	4
U4544-XL	100	1	120/240	C.P.	(6) #12-1/0	K4543	4 $\frac{1}{8}$ "	9 $\frac{13}{16}$ "	18"	2	1	¼, ½	—
U4546-XL	100	3	600	C.P.	(6) #12-1/0	N/A	4 $\frac{1}{8}$ "	9 $\frac{13}{16}$ "	18"	2	1	¼, ½	—
U4540-XL	200	1	120/240	C.P.	(6) #6-350	K4539	4 $\frac{1}{8}$ "	14 $\frac{13}{16}$ "	23"	2½	2½	1¼	¼, ½
U4542-XL	200	3	600	C.P.	(6) #6-350	N/A	4 $\frac{1}{8}$ "	14 $\frac{13}{16}$ "	23"	2½	2½	1¼	¼, ½
U4548-RXL	400	1	120/240	C.P.	(3) #6-350 or (2) #4-600	K4547	5"	15½"	27"	3	3	¼, ½	¼
U4549-RXL	400	3	600	C.P.	(3) #6-350 or (2) #4-600	N/A	5"	15½"	27"	3	3	¼, ½	¼

Notes

- **Hub:** Standard hub opening on top with closing plate attached.
- **Features:** UL-listed pad lockable Type 3R enclosure.
- **3Ø 120/240V Application:** Field installable 3Ø lug kit converts 1Ø unit to 3Ø unit.

Commercial Pedestals

Attractive | Easy to install | Secure | Cost-effective

Un-Strut Your Stuff!

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



Strut and backboard



Commercial pedestal

Standard Features

- Type 3R rainproof, vandal-resistant cabinet of polyurethane powder-coated steel (aluminum or stainless steel also available)
- UL-listed as enclosed industrial control equipment (UL508)
- Isolated lockable & sealable utility metering and lug landing sections
- Lockable customer section for distribution and control equipment with internal deadfront
- Print pocket inside customer section door contains wiring schematics and installation instructions
- Most load centers are UL-listed for use with various manufacturers' circuit breakers
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws)
- Meets EUSERC 308 and other utility standards



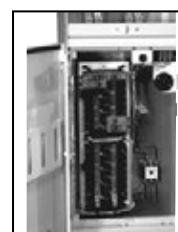
**Ringless
socket**



**Ring type
socket**



**Utility lug
landing**



**Customer
interior**



Commercial Pedestals

Attractive | Easy to install | Secure | Cost-effective



Applications

These units are ideal for controlling and metering:

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

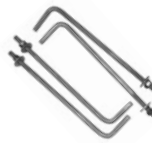
Available Factory-Installed Options

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

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)

Commercial Pedestals

Main Load Center Series

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.

- No waiting or extra charge.
- 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 with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless locket with lever bypass.
- Separate sealable and lockable customer section with a load center for “always on” loads that includes 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.

Main Load Center Series Commercial Meter Pedestals

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Load Center Circuits	AIC	Meter Socket Type	Main Circuit Breakers	
					Amps	Spaces
CP3B51115A22	K3865	16	22K	Ringless with lever bypass	100	1, 2
CP3B52119A22	K3865	24	22K	Ringless with lever bypass	200	1, 2, 3, 4

Notes

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



Commercial Pedestals

Switched Load Center Series

CP3B “SL” Series

Switched Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Applications:

- Traffic signals
- Parking lots
- Highway lighting
- Athletic field lighting

The **Milbank 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 with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless socket with lever bypass.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contactor 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.

Switched Load Center Series Commercial Meter Pedestals

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Load Center Circuits	AIC	Meter Socket Type	Main Circuit Breakers	
					Amps	Spaces
CP3B51110A22-SL1	K3865	16	22K	Ringless with lever bypass	100	1, 2
CP3B52110A22-SL1	K3865	24	22K	Ringless with lever bypass	200	1, 2, 3, 4

Notes

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

Commercial Pedestals

400 Amp Series

CP3B “400” Series

400 Amp Series

1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for residential and commercial jobsites

The **Milbank 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 customer colors to match home or landscaping.



Features

These units include everything required for remote site service:

- NEMA 3R construction
- Main circuit breaker or dual service disconnects
- Expandable: load centers allow for future expansion without costly modifications
- 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 with lug termination
- Separate sealable and lockable metering section
- Separate sealable and lockable customer section with a circuit directory and a print pocket to hold documentation.

400 Amp Series Commercial Meter Pedestals

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Load Center Circuits	AIC	Meter Socket Type	Main Circuit Breakers
					Amps
CP3B5411JB22	K3865	0	22K	Ringless with lever bypass	320 (400 max)
CP3B54120B22	K3865	(2) 12 circuit	22K	Ringless with lever bypass	2-200

Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability. Three phase units available.
- 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. When ordering, specify lugs or studs for utility landings.



Commercial Pedestals

Irrigation Control Series

CP3B “IR” Series

Switched Load Center Series

1Ø3 wire 120/240V or 208Y/120V

Application: power pedestal for irrigation systems

Milbank's Irrigation Control Series pedestals protect electrical equipment, meter and irrigation controller in one lockable, vandal-resistant type 3R UL listed cabinet. A plywood panel facilitates mounting of the irrigation controller. The unit includes two 20-amp breakers for a factory-installed GFCI receptacle and an irrigation control circuit.



Features

These units include everything required for remote site service:

- NEMA 3R construction
- Two each 20 amp single pole circuit breakers: one breaker for standard 20 amp GFCI receptacle and one breaker for irrigation control unit
- Large plywood back panel for mounting irrigation controller
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 10K 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 with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless locket with lever bypass.

Irrigation Control Series Commercial Meter Pedestals

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Exterior Cabinet	AIC	Meter Socket Type
CP3B511IRASP	K3865	Steel, Light Green	10K	Ringless heavy duty with lever bypass

Notes

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

Generators

Home Standby, Commercial & Industrial and Portable

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

Industrial Generators | Diesel

- GSW series 14-175kVA
- GRW towable series 14-200kVA
- GEW series 25-210kVA (UL listed)
- By Pramac



Home Standby Generators

- 7, 10, & 12 kW vertical air-cooled
- 15 & 20 kW horizontal air-cooled
- 30 & 45 kW horizontal liquid-cooled
- By Briggs & Stratton



Commercial Generators | Gaseous

- GEW series 20-140kVA LP/NG (UL listed)
- By Pramac



Portable Generators

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



Standby Generators

7-12kW Air-Cooled Systems

Automatic System Features

Fully Automatic* – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Continuous Fuel Supply – A permanent connection to natural gas or liquid propane vapor (LPV) delivers uninterrupted performance with no messy gasoline storage and refueling.

Contemporary, Space-Saving Design – One of the most compact and functional designs on the market provides for location flexibility and an attractive, subtle yard presence.

Quiet Operation – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure 50% quieter operation than most portables.

Durable Outdoor Enclosure – Each system features professional rust-proofing and premium automotive paint for maximum durability and all-weather protection.

Computer-Friendly Power – Advanced alternator technology provides safe and stable power for computers and other sensitive electronics.

Strong Warranty – The 7kW units include a two-year warranty; the 10kW units include a three-year warranty.

Turnkey Extras – Automatic systems include a battery charger, hour meter, and installation pad. The engine also comes pre-filled with synthetic oil and is pre-run and tested at the factory, saving you time and money.

Remote System Status Monitor

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.



Models

MG07002 - 7kW

2 year warranty

MG10001 - 10kW

3 year warranty

Accessories

Power Management System Enhancement: Model MG0501440
Featuring patented computer-controlled technology, this Power Management System upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 4 high-demand 240V appliances.

Cold Weather Package: Model MG111102

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately:

Battery Warmer Only: Model MG240100
Oil Heater Only: Model MG240101 (included on 7kW model)

Maintenance Kit

Model MG070022 (7kW), MG101222 (10kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.

Automatic System Features

Fully Automatic* – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Streamlined, Space-Saving Design – Its sleek, compact profile blends in beautifully with your home's exterior and landscaping, much like your central air conditioner.

Maximum Fuel Economy – Intelligent management of your home's appliances results in less fuel consumption than larger, more fuel-hungry generators.

Four-Year Warranty – The best comprehensive parts and labor warranty in the industry.

Durable Outdoor Enclosure – Galvaneal steel provides years of rust-proof, outdoor protection - perfect for extreme weather conditions.

Briggs & Stratton Engine – Application engineered to stringent home generator specifications, these premium engines will provide years of long lasting, reliable standby power.

Turnkey Extras – Each system includes a battery charger, hour meter and installation base. The engine also comes pre-filled with synthetic oil, ethylene glycol long-life coolant and is pre-run at the factory, saving you time and money.

Remote System Status Monitor: All models

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.

Meets NFPA37 Standards



Models

MG12002 - 12kW

4 year warranty

Accessories

Power Management System Enhancement: Model MG0501440
Featuring patented computer-controlled technology, this Power Management System upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 4 high-demand 240V appliances.

Cold Weather Package: Model MG111102

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately:

Battery Warmer Only: Model MG240100
Oil Heater Only: Model MG240101

Maintenance Kit

Model MG101222 (10kW), MG151822 (15-20kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.

Standby Generators

15-20kW Air-Cooled & 30-45kW Liquid-Cooled



Models

MG15001 – 15kW
MG20002 – 20kW

4 year
warranty

Automatic System Features

Fully Automatic* – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

Continuous Fuel Supply – A permanent connection to natural gas or liquid propane vapor (LPV) delivers uninterrupted performance with no messy gasoline storage and refueling.

Vanguard™ V-Twin Engines – An industry leading commercial grade Big Block™ air-cooled engine powered by Briggs & Stratton provides powerful, quiet, durable performance for large, power hungry homes – perfect for years of heavy-duty standby power.

Quiet Operation – Engineered air passages, an automotive-style exhaust system and acoustic foam dampeners ensure quiet operation.

Durable Outdoor Enclosure – Features heat/rust proof polymer vents and louvers, rounded corners and a 3-step automotive rust proofing & wet coat paint process for years of durable outdoor protection – perfect for extreme weather and salt air conditions.

Four-Year Warranty – The best comprehensive parts and labor warranty in the industry.

Turnkey Extras – Automatic systems include battery charger, hour meter, installation pad. The engine comes pre-filled with synthetic oil and is pre-run at the factory, saving time and money.

Remote System Status Monitor: All models

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.

Accessories

Power Management System Enhancement: Model MG0501440

Featuring patented computer-controlled technology, this Power Management System upgrade further expands your generator's range and performance by automatically prioritizing and managing an additional 4 high-demand 240V appliances.

Cold Weather Package: Model MG111102

An oil heater and battery warmer are both thermostatically controlled to heat up when the temperature drops, ensuring smooth starting and engine operation. Items also available separately:

Battery Warmer Only: Model MG240100

Oil Heater Only: Model MG240101

Maintenance Kit

Model MG101222 (12kW), MG151822 (15-20kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.

Automatic System Features

Fully Automatic* – Advanced electronics will detect a utility power outage and automatically start the generator whether you are home or away.

GM Vortec Engine – Tested and approved on trucks and SUVs, world class 4 and 8 cylinder GM Vortec engines provide sophisticated yet extremely durable industrial grade power - perfect for the high power demands of most larger homes.

Computer-Friendly Power – A long life, commercial grade 4-pole 1800 RPM alternator provides robust, quiet, ultra smooth electricity, perfect for larger 'smart' homes.

Commercial Four-Year Warranty – The best comprehensive parts and labor warranty in the industry.

Quiet Operation – Engineered air flow, an automotive-style exhaust system, acoustic foam dampeners, and low 1800 RPM engine ensure quiet operation.

Durable All-Climate Enclosure – The durable storm grey steel enclosure is powder coated for excellent adhesion and improved resistance to chipping, abrasion and corrosion - perfect for years of all-season outdoor protection.

Turnkey Extras – Each system includes a battery charger and hour meter. The engine also comes pre-filled with synthetic oil, ethylene glycol long-life coolant and is pre-run at the factory, saving you time and money.

Remote System Status Monitor: All models

This 8-fault remote status monitoring system is a standard, preventative accessory that provides customers with peace of mind knowing their generator is always operating correctly. Included with all Milbank generators.



Models

MG30001 – 30kW
MG45001 – 45kW

4 year
warranty

Accessories

Power Management System Enhancement: Model MG0501440

Featuring patented computer-controlled technology, this Power Management System enhancement further expands your generator's range and performance by automatically prioritizing and managing four additional high-demand 240V appliances.

Maintenance Kit

Model MG300022 (30kW), MG450022 (45kW)

Includes special UL air filter, pre-cleaner, spark plugs, oil filter, and synthetic oil.



Automatic Transfer Switches

For Standby Generator Systems

Automatic System Features

Fully Automatic – All Milbank transfer switches monitor utility and generator voltages and will automatically connect to the appropriate source of power. 100 and 200 amp switches are capable of “whole house” power transfer in residential/small business applications.

Power Management Technology – During a power outage, most people think they have to go without central air conditioning to weather the storm. Keep your cool with patented computer-controlled transfer switches featuring the AC Power Control Module that manage up to two central air conditioners while safeguarding against power overload. The size of your generator dictates the level of comfort provided by this feature.

12kW – One 4-Ton AC
15kW – Two 4-Ton ACs
20kW – Two 5-Ton ACs

Exclusive Design – Each transfer switch is UL approved, custom-made and dedicated exclusively for Milbank, reducing overall cost and giving you exactly what you need for your home or small business.

Computer Friendly – All transfer switches feature Automatic Voltage Regulation to ensure a safe and stable sine wave to sensitive electronics.

Lightweight/Ease of Installation – Efficient component selection has resulted in switch gear optimization for a lightweight product solution to residential/small business installations. Five wires – three 120/240 VAC and two utility supply wires (for battery charger and optional battery warmer and oil heater) also allow for efficient one person installation.

EEPROM (Electronic Program Read-Only Memory) – All transfer switches feature non-volatile memory, so when the power goes out, the transfer switch “remembers” its programming once power is restored. The switch never has to be programmed or reprogrammed once it is installed.

Variable Engine Warm-Up – All of our switches feature both 20-second and 50-second warm-up options: 20 seconds for warm weather starts or a 50-second setting when the generator requires additional start time in colder climates.

Safety Features – All transfer switches are solenoid-operated from utility or generator inputs and contain electrical interlock switches to eliminate the possibility of dangerous back-feed to a line during an outage.



Models

MG0503120 – 50A, 12 circuits
MG1003162 – 100A, 16 circuits
MG1003002 – 100A
MG2003002 – 200A
MG1003992 – 100A, SE Rated
MG2003992 – 200A, SE Rated
MG2003993 – 200A, SE Rated
(liquid cooled models only)

Dual 200 Amp/Split 400 Amp Transfer Switch

The Milbank PowerGen™ Dual 200 Amp/Split 400 Amp Transfer Switch replaces the need for two 200 Amp transfer switches in standard split 400A service homes with two 200A distribution panels. It's a convenient and affordable solution to manage whole house backup power for larger homes and businesses. **NOTE:** This model can only be ordered with the 20kW, 30kW & 45kW units.

First In Its Class – Never seen before automatic transfer switch technology only compatible with Milbank PowerGen™ generators.

Easy Installation – The system uses one less transfer switch requiring less wiring, less time and expenses than typical installations. Plus factory pre-wired generator power distribution inside the transfer switch simplifies installation.

Smaller Footprint – Combining two automatic transfer switches into one, the Dual 200 Amp Transfer Switch/Split 400 Amp results in a smaller, cleaner looking installation for your customer.



Model
MG4002001

Vigilant Automatic Transfer Switches



The Vigilant Series ATS is designed to automatically transfer critical loads in the event of a power outage. It consists of a simple, rugged design while maintaining the flexibility required to meet the needs of residential, agricultural and light industrial applications.

100 amps to 1250 amps

Rugged Contactor Design – Double throw, mechanically interlocked.

Galvanized Steel Enclosure – This duplex coated, galvanized G90 grade steel meets American Society for testing and Materials (ASTM) standard A653, with a service life of more than twice that of regular steel.

Exerciser Clock & Lamps – The easy-to-use, 7-day exerciser clock gives full control over day and time. The exerciser clock and indicator lamps are both accessible from outside the transfer switch - no need to open the door, even with the NEMA 3 enclosure option.



5 year warranty

Ratings	Voltage	UL Withstand Ratings	Poles	Enclosure H x W x D	Weight (lbs.)	Lug Capacities
100 Amp	120/240	10KA	2	16" x 14" x 6"†	25	1/0 to 14 AWG
200 Amp	120/240	10KA	2	24" x 20" x 6"†	55	1/0 to 250 MCM
400 Amp**	120/240, 120/208, 277/480	10KA	2, 3, 4	48" x 30" x 13"†	190	4 to 600 MCM
600 Amp**	120/240, 120/208, 277/480	12KA	2, 3, 4	60" x 30" x 25"†	425	2 to 600 MCM
1000 Amp**	120/240, 120/208, 277/480	20KA	2, 3, 4	60" x 36" x 25"†	510	2 to 600 MCM
1250 Amp**	120/240, 120/208, 277/480	25KA	2, 3, 4	60" x 36" x 25"†	542	2 to 600 MCM

Dynagen switches are compatible with most Milbank standby generators, please consult your sales agent for compatibility.

*Please consult factory for specific protective device specs and ratings

•100A and 200A approved UL1008 - Optional Standby Systems | •400A through 1250A approved UL1008 - Emergency Systems

**Supplied standard in NEMA3 only | †Add 1" to depth if N3 enclosure is selected



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



Electric Vehicle Supply Equipment

Milbank PowerGen | Driving the Future of Power

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

Level II Models

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

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

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

Level III Models

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

Suitable EV Station Locations

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



Wall Mounted Charging Dock

Features & Specifications

The MEVSE-RS Wall-Mounted Charging Dock charges all SAE J1772-compliant vehicles – including both electric vehicle (EV) and plug-in hybrid (PHEV) models – in the convenience of the home garage, workplace, condominium, apartment or retail parking structure. The Wall-Mounted Charging Dock safely and reliably delivers AC power to the vehicle's on-board charger and features a weather-resistant NEMA 4 enclosure for indoor and outdoor installations.

Features

- Level II charging capabilities
- Industry standard SAE J1772 connector
- Auto restart in event of power outage or ground fault
- Americans with Disabilities Act (ADA) compliant installation
- Integrated cable stowage
- Underwriters Laboratory (UL) listed
- Breakaway safety cable
- Optional fiberglass pedestal mount (pictured below)
- Weather-resistant NEMA 4 enclosure
- 3-year warranty (parts)



Model
MEVSE-RS



Model
MEVSE-RS-PED-F
(MEVSE-RS power head not included)

Specification	MEVSE-RS
Connector	SAE J1772
Voltage	208VAC to 240VAC
Frequency	50Hz / 60Hz
Current	30A max
Operating Temperature	-30°C to 50°C -22°F to 122°F
Storage/Transit Temperature	-40°C to 60°C -40°F to 160°F
Humidity	Up to 95% non-condensing
Dimensions (L x W x H)	12" x 12" x 8" (approximate)
Weight	10 lbs. (excluding cable)
Cord Length	Up to 25' available
Enclosure	NEMA 4
Regulatory Compliance	UL and CUL listed

Information and specifications subject to change.

Pedestal Charging Station

Features & Specifications

Pedestal Benefits

- Level II charging capabilities
- Secure, lockable cabinet to prevent theft and vandalism
- In-use front door allowing user to close and lock the access door while charging the EV or PHEV
- Lockable back service panel to allow only the contractor access for installation and service
- Dual feed lugs for loop feeding multiple units
- 40A 2P breaker disconnect included inside the back panel for power shutdown
- Pre-wired at the factory for easy installation
- Optional pad mount base installed in concrete for pedestal attachment, eliminating the need for drilling/installing anchor bolts



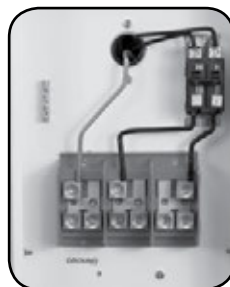
Model
CPEV0111JSW1

Specification	CPEV0111JSW1
Connector	SAE J1772
Voltage	208VAC to 240VAC
Frequency	50Hz / 60Hz
Current	30A max
Operating Temperature	-30°C to 50°C -22°F to 122°F
Storage/Transit Temperature	-40°C to 60°C -40°F to 160°F
Humidity	Up to 95% non-condensing
Dimensions (L x W x H)	48" x 12" x 17.5" (approximate)
Weight	120 lbs.
Cord Length	Up to 25' available
Enclosure	NEMA 3R
Regulatory Compliance	UL listed

Information and specifications subject to change.



Dual pedestal available by quote



Circuit Breakers

UQFP Plug-In Series & UQFB Bolt-On Series



UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFB-X



UQFB



UQFB-X-MOD

200 Amp Frame — Plug-In — 10,000 AIC & 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 Amp Frame — Bolt-On — 10,000 AIC & 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	UQFPH-M-100	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFPH-M-125	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFPH-M-150	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1	UQFPH-M-175	1/0-300	2/0-300
200	UQFB-200	UQFBH-200	UQFB-200-X1	UQFPH-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.

Circuit Breakers

QP (small frame) & QN (large frame) Series

15-70 Amp 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



Q250

200 Amp Frame – Plug-In – 10,000 AIC & 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

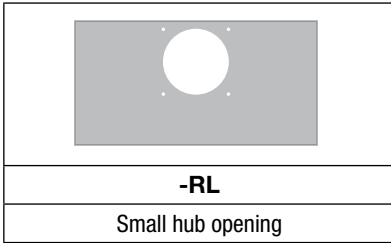
Notes

- 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.

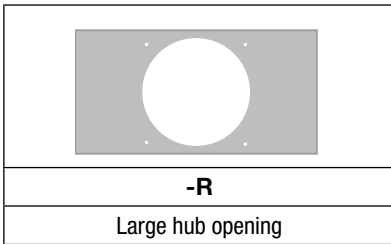


Accessories

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

Accessories

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

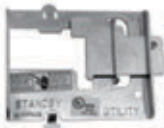
Bypass Link





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



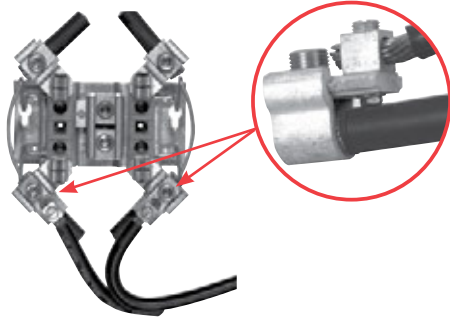
Accessories

Fifth Terminals and Tap Connectors

Fifth Terminals

		
5T8K2 - 100-200 Amp "Plug-In"	K5T - 200 Amp (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 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)	


Triplex Ground


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

Isolated Neutral Kit


K1047

Anti-Inversion Clip


K4802

Disconnect Sleeve


M5-144

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	7	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	33
	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	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 U6962 & U6963
100A MAXIMUM, 120/240 VAC SINGLE PHASE, THREE WIRE
RAINFROOF 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. WITHOUT METER NOT INCLUDED IN SHORT CIRCUIT CURRENT RATING. REPLACEMENT CIRCUIT BREAKER MUST BE THE SAME TYPE AND RATING. USE SIEMENS CP, QT, CUTLER-HAMMER CP, BD, BR, SQUARE D HOMELINE; G.E. TD, 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			SHIPPING TENDS TO LOOSEN BOLTED CONNECTIONS. CHECK AND TIGHTEN ALL HARDWARE BEFORE ENERGIZING UNIT.
TERMINAL	WIRE RANGE	TORQUE LB-IN	
LINE AND LINE NEUTRAL	350 kcmil - # 6	250	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.
GROUND CONNECTOR	2/0 AWG - #14 AWG	120	
LOAD NEUTRAL SLOTTED HEAD (LARGE HOLE)	14 - 10	35	
	8	40	
	6 - 4	45	
LOAD NEUTRAL SLOTTED HEAD (SMALL HOLE)	3 - 1/0	50	
	14 - 10	20	
	8	25	
	6	35	

MILBANK®

#1148458

* 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 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)

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.

Energization of Electrical Equipment

Important Information for Installers

Important Note

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

Before Energizing

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

When Energizing

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

After Energizing

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

Recommended Torque for General Applications*

Nominal Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
10	Brass	Brass Nut or Extruded Hole	All	20-25 inch lbs.
10	Steel	Copper or Aluminum Busbar ≤ 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

Materials & Finishes

Reference Information

Materials

Steel Quality

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

Steel Sheet

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

Aluminum Extrusion

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

Aluminum Sheet

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

Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fasteners

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).

Meter Forms

Reference Information

DIAGRAM A

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

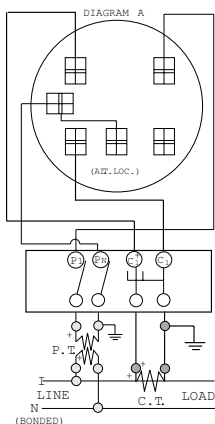


DIAGRAM B

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

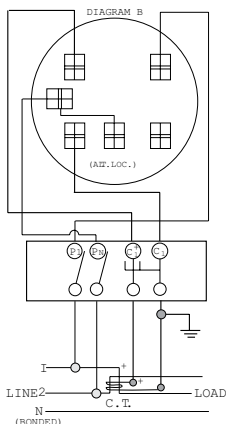


DIAGRAM C

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

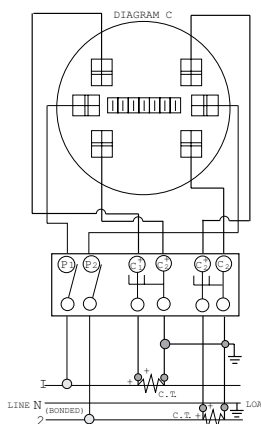


DIAGRAM D

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

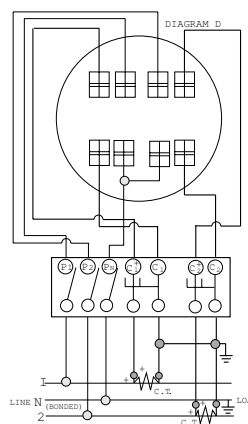


DIAGRAM E

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

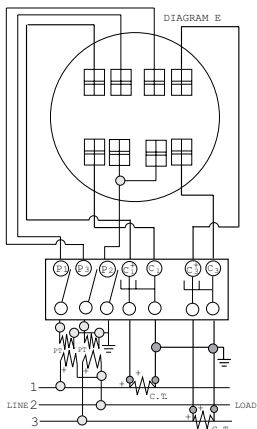


DIAGRAM F

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

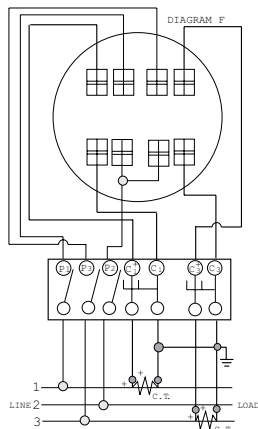


DIAGRAM G

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

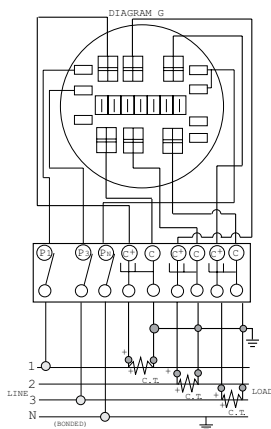


DIAGRAM H

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

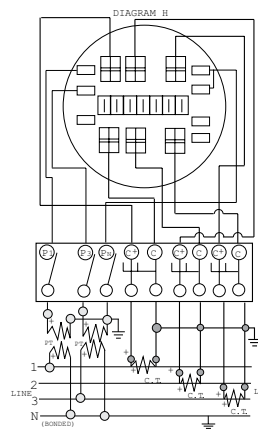


DIAGRAM I

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

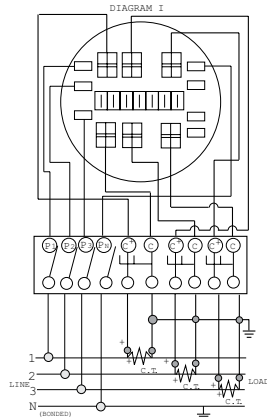
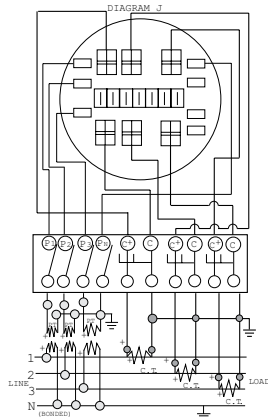


DIAGRAM J

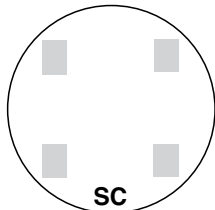
3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



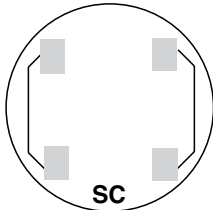
Prewiring: If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter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

Watthour Meter Forms

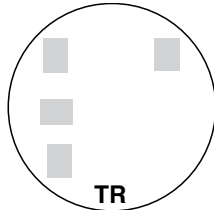
Standard Forms | Transformer Rated or Self-Contained



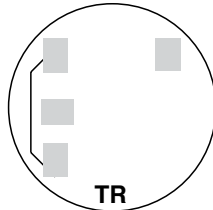
2 and 3-WIRE FORMS
1S & 2S



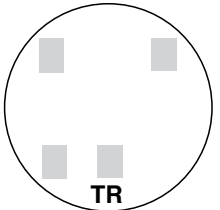
2 and 3-WIRE FORMS
1S & 2S with BYPASS



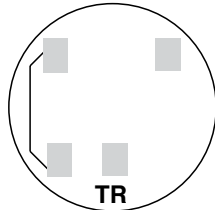
2-WIRE FORM 3S
5th Term. 9 o'clock



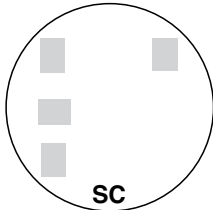
2-WIRE FORM 3S
with BYPASS



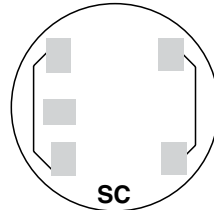
2-WIRE FORM 3S
5th Term. 6 o'clock



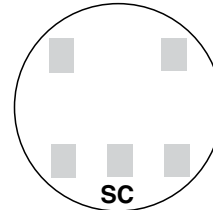
2-WIRE FORM 3S
with BYPASS



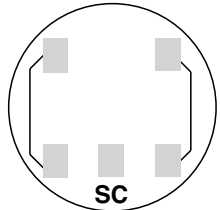
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 9 o'clock



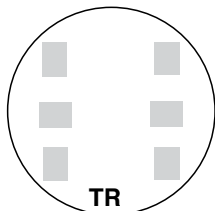
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 9 o'clock



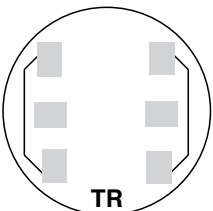
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



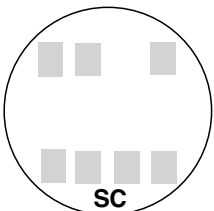
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 6 o'clock



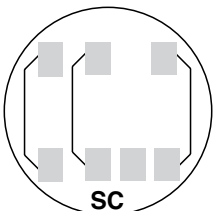
3-WIRE FORM 4S



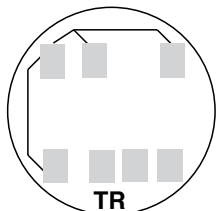
3-WIRE FORM 4S
WITH BYPASS



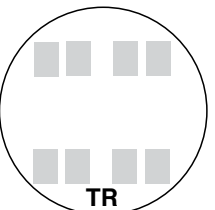
2 or 3 ELEMENT
3Ø4W Y or Δ
Y FORM 14S
Δ FORM 15S



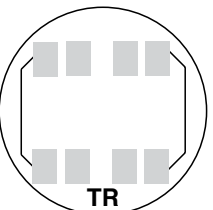
2 or 3 ELEMENT
3Ø4W Y or Δ
FORMS 14S & 15S
with BYPASS



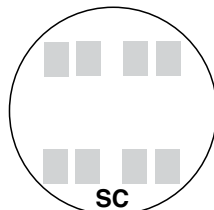
2 ELEMENT
3Ø4W Y or Δ
Y FORM 7S
Δ FORM 24S
with BYPASS



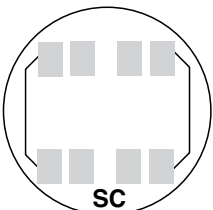
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



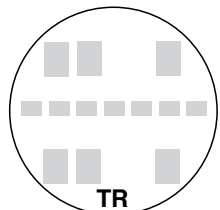
2 ELEMENT 2Ø3W,
2Ø4W, 3Ø3W
FORM 5S with
BYPASS



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S

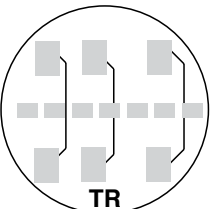


2 or 3 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S with
BYPASS

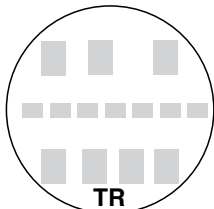


2 or 3 ELEMENT
3Ø4W Y or Δ
Y FORM 9S
Δ FORM 8S

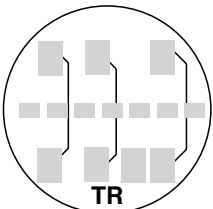
TR = TRANSFORMER RATED
SC = SELF CONTAINED



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



2 ELEMENT
3Ø4W Y
FORM 6S



2 ELEMENT
3Ø4W Y
FORM 6S
with BYPASS

Standard NEMA Configurations

Reference Information Only

2 Pole – 3 Wire – Grounding Receptacles

Straight Blade Wiring Devices					Twist-Lock Wiring Devices			
Volts	Code	15 Amps	20 Amps	30 Amps	50 Amps	15 Amps	20 Amps	30 Amps
125V	5							
		5-15R	5-20R	5-30R	5-50R	L5-15R	L5-20R	L5-30R
250V	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		
Volts	Code	20 Amps	30 Amps	50 Amps	20 Amps	30 Amps
125V 250V	10					
		10-20R	10-30R	10-50R	L10-20R	L10-30R

3 Pole – 4 Wire – Grounding

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

2 Pole – 3 Wire – Grounding – NEMA Trailer

Straight Blade		
Volts	Code	30 Amps
125V	TT	

6003.....	52	K4722	30	Q140	50
6116.....	52	K4729	30	Q140H.....	50
105J.....	37	K4797	30	Q150	50
5T8K2.....	53	K4798	30	Q150H.....	50
A7514	51	K4802	53	Q160	50
A7515	51	K4977-EXT.....	53	Q160H.....	50
A7516	51	K4977-INT.....	53	Q170	50
A7517	51	K5022-INT.....	53	Q170H.....	50
A7518	51	K5815	52	Q2100	50
A7551	51	K5820	52	Q2100H.....	50
A8110	51	K5830	52	Q2125	50
A8111	51	K5930	30	Q2125H.....	50
A8112	51	K5931	30	Q215	50
A9064	51	K5932	30	Q215H.....	50
A-GP.....	52	K5933	30	Q220	50
CP-16PDMNT-CALT.....	37	K5T.....	53	Q220H.....	50
CP-21	52	K8180	52	Q225	50
CP-24PDMNT-CALT.....	37	M5-144	53	Q225H.....	50
CP3B51110A22-SL1.....	39	MEVSE-RS.....	47	Q230	50
CP3B51115A22	38	MEVSE-RS-PED-F.....	47	Q230H.....	50
CP3B511IRASP	41	MG0503120	45	Q235	50
CP3B52110A22-SL1.....	39	MG07002	43	Q235H.....	50
CP3B52119A22	38	MG10001	43	Q240	50
CP3B5411JB22	40	MG1003002	45	Q240H.....	50
CP3B54120B22.....	40	MG1003162	45	Q250	50
CP3B-AUX-1200	34	MG1003992	45	Q250H.....	50
CP-ABK5/8	37	MG12002	43	Q260	50
CPEV0111JSW1	48	MG15001	44	Q260H.....	50
CP-PE-HOA-3POS.....	37	MG20002	44	Q270	50
CP-TC24H.....	37	MG2003002	45	Q270H.....	50
CP-TC7D.....	37	MG2003992	45	Q280	50
CP-TCWIRE.....	37	MG2003993	45	Q280H.....	50
CT244811-HC.....	29	MG30001	44	Q290	50
CT304811-HC.....	29	MG4002001	45	Q290H.....	50
CT364811-HC.....	29	MG45001	44	QN2150.....	50
K1047	53	MR-2	52	QN2150H.....	50
K1190	53	MR2-SS.....	52	QN2150R.....	50
K1350	52	MR-4	52	QN2150RH.....	50
K1350L.....	52	PT48AL.....	29	QN2200	50
K1539	52	PT48AR.....	29	QN2200H.....	50
K1540	52	Q115	50	QN2200R.....	50
K1540L.....	52	Q115H.....	50	QN2200RH.....	50
K1541	52	Q120	50	S8324	51
K3082	52	Q120H.....	50	U1079-X-QG-K3-K2.....	10
K3083	52	Q125	50	U1252-X-QG-KK-K1.....	20
K3441	52	Q125H.....	50	U1253-X-QG-KK-K1.....	20
K3442	52	Q130	50	U1254-X-QG-KK-K1.....	20
k3865.....	37	Q130H.....	50	U1255-X-QG-KK-K4.....	20
K3865	53	Q135	50	U1256-X-QG-KK-K4.....	20
K3866	53	Q135H.....	50	U2732-XT	22



U2733-XT.....	22	U5059-X-2/200-K3L.....	16	U7040-O-QG-KK.....	8
U2734-XT.....	22	U5101-XL-100MB-KK-11GR.....	33	U7040-XL-QG-KK.....	8
U2735-XT.....	22	U5101-XL-KK-11GR.....	33	U7043-O-QG-KK.....	8
U2736-XT.....	22	U5136-O-100S.....	31	U7375-RL-KK.....	11
U2852-X-KK.....	23	U5136-O-200S.....	31	U7487-RL-QG-KK.....	8
U2853-X-KK.....	23	U5137-O-200S.....	31	U7487-YL-QG-KK.....	8
U2854-X-KK.....	23	U5168-XL-200-KK-AMS.....	13	U8032-XL-KK.....	19
U2855-X-KK.....	23	U5168-XTL-100-KK.....	13	U8033-XL-KK.....	19
U2856-X-KK.....	23	U5740-X-K3L-K2L.....	10	U8034-XL-KK.....	19
U2862-X-KK.....	23	U5750-RXL-200-BL.....	15	U8035-XL-KK.....	19
U2863-X-KK.....	23	U5764-X-200-5T-CB.....	17	U8036-XL-KK.....	19
U2864-X-KK.....	23	U5764-X-200-5T-TF.....	17	U9550-DL-QG.....	9
U2865-X-KK.....	23	U5765-X-200-CB.....	17	U9551-RXL-QG.....	9
U2866-X-KK.....	23	U5765-X-200-TF.....	17	U9581-RXL-QG.....	9
U2872-XT.....	21	U5767-X-200-CB.....	17	U9700-RRL-QG.....	9
U2873-XT.....	21	U5767-X-200-TF.....	17	U9701-RXL-QG.....	9
U2874-XT.....	21	U5784-O-200-5T-CB.....	17	U9801-RXL-QG.....	9
U2875-XT.....	21	U5784-O-200-5T-TF.....	17	UQFB-100.....	49
U2876-XT.....	21	U5785-O-200-CB.....	17	UQFB-100-X1.....	49
U3802.....	5	U5785-O-200-TF.....	17	UQFB-125.....	49
U3812.....	5	U5786-X-K3-K2-BL.....	10	UQFB-125-X1.....	49
U3822-20GWR.....	6	U5787-O-200-CB.....	17	UQFB-150.....	49
U3832.....	5	U5787-O-200-TF.....	17	UQFB-150-X1.....	49
U3850-O-QG-KK.....	8	U5818-XL-200S-KK.....	13	UQFB-175.....	49
U3862.....	5	U5842-RL-100-KK.....	11	UQFB-175-X1.....	49
U4322-O-100MB-5T6.....	32	U5842-RL-200-KK.....	11	UQFB-200.....	49
U4322-O-200MB-5T6.....	32	U5842-RL-KK.....	11	UQFB-200-X1.....	49
U4363-X-QG-K3-K2.....	10	U5844-XL-200-KK.....	11	UQFBH-100.....	49
U4372-XT-5T9.....	27	U5844-XL-KK.....	11	UQFBH-125.....	49
U4373-XT-5T9.....	27	U5871-XL-100-5T6.....	14	UQFBH-150.....	49
U4374-XT-5T9.....	27	U5871-XL-200-5T9.....	14	UQFBH-175.....	49
U4375-XT-5T9.....	27	U5872-XL-200-5T9.....	14	UQFBH-200.....	49
U4376-XT-5T9.....	27	U5882-X-KK.....	25	UQFP-100.....	49
U4412-RL-200-100-KK.....	18	U5883-X-KK.....	25	UQFP-125.....	49
U4412-RL-200-200-KK.....	18	U5884-X-KK.....	25	UQFP-150.....	49
U4496-ZL-WC41.....	28	U5885-X-KK.....	25	UQFP-175.....	49
U4497-ZL-WC61.....	28	U5886-X-KK.....	25	UQFP-200.....	49
U4540-XL.....	35	U5890-X-2/200.....	16	UQFPH-100.....	49
U4542-XL.....	35	U5891-X-2/200-MLK.....	16	UQFPH-125.....	49
U4544-XL.....	35	U5892-X-2/200.....	16	UQFPH-150.....	49
U4546-XL.....	35	U5902-X-KK.....	25	UQFPH-175.....	49
U4548-RXL.....	35	U5903-X-KK.....	25	UQFPH-200.....	49
U4549-RXL.....	35	U5904-X-KK.....	25	UQFPH-M-100.....	49
U4834-XL-200-5T6.....	18	U5905-X-KK.....	25	UQFPH-M-100.....	49
U4881-O.....	7	U5906-X-KK.....	25	UQFPH-M-125.....	49
U4881-O-50GB.....	7	U5971-XL-100.....	12	UQFPH-M-125.....	49
U4881-O-60GB.....	7	U5971-XL-150.....	12	UQFPH-M-150.....	49
U4908-O-100MB-KK-11GR.....	33	U5971-XL-200.....	12	UQFPH-M-150.....	49
U4908-O-KK-11GR.....	33	U7021-DL-QG-KK.....	8	UQFPH-M-175.....	49
U4911-X-QG-BL.....	10	U7021-RL-QG-KK.....	8	UQFPH-M-175.....	49

UQFPH-M-200	49	UQFP-M-125	49	UQFP-M-200	49
UQFPH-M-200	49	UQFP-M-150	49	USE-22-200-MB	12
UQFP-M-100	49	UQFP-M-175	49		



Meter Mounting Equipment

Ameren Service Area



Representative

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