

MILBANK[®]
ENERGY AT WORK



AMEREN SERVICE AREA

Product Catalog



Meter mounting
equipment approved
for use within the
Ameren utility
service area.

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With nearly a century of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and power distribution and controls equipment. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



Metering

Milbank has been a market leader in electrical metering equipment, setting the standard in quality, for 95 years and counting. There are hundreds of available configurations, including a range of sizes as well as various knockout, terminals and bypass options. Products also have a variety of selections for hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.



Enclosures

Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireways and troughs. Enclosures are designed to meet or exceed industry standards. Each one is constructed with high-quality materials and built with superior craftsmanship. Each unit is engineered to protect controls and equipment from dust, dirt and other harmful elements, based on various NEMA ratings.



Power Distribution & Controls

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our power distribution and controls are custom control equipment, engineered and built to your exact specifications. Milbank Power Distribution & Controls are an attractive, secure, easy-to-install and cost-effective solution. These units can replace unsightly and insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



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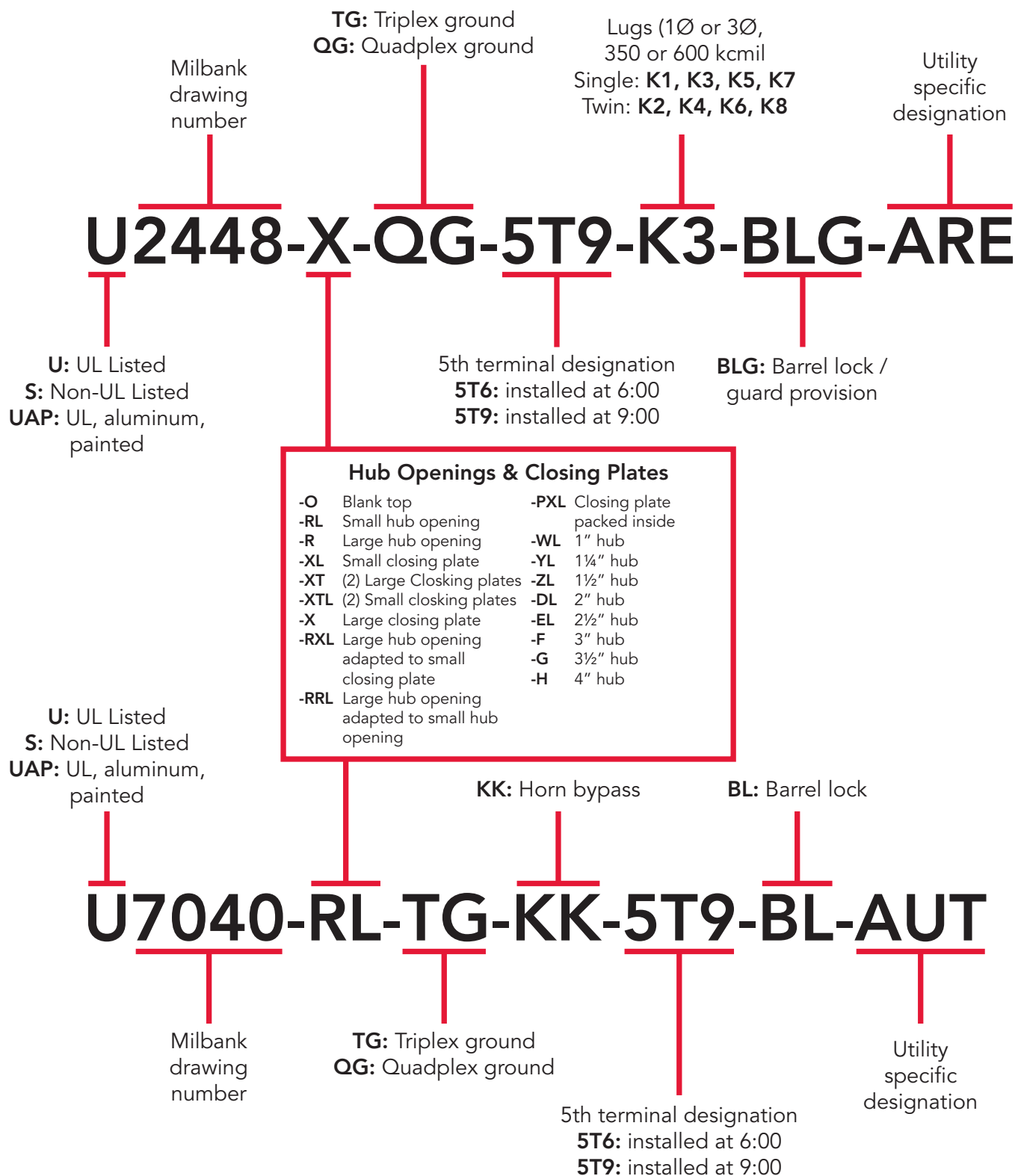


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Catalog Number Logic

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How Our Product Catalog Numbers are Derived



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U3802



U3812



U3832

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

30-60 Amps | Air Conditioner Disconnects | 1Ø 240V

Catalog Number	Amps	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
					CU	AL		D"	W"	H"	CU °C	AL °C
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	2⅞	5	7	60°/75°	60°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2⅞	5	9	60°/75°	60°/75°

Notes

- UL-listed as Enclosed Pullout Switch
- NEMA 3R
- Weather resistant
- One-inch concentric knockouts



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Air Conditioner Disconnects

7

60 Amps | With 20 Amps GFCI Receptacle



U3822-20GWR

Specifications

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

60 Amps | Air Conditioner Disconnect with 20 Amps GFCI Receptacle | 1Ø, 240V

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 $\frac{1}{2}$	5 $\frac{1}{4}$	7 $\frac{5}{8}$	60°/75°	60°/75°

Notes

- Disconnect Pullers: To ensure the safest conditions, Milbank disconnect pullers are reversible so they may be reinstalled in the OFF position.
- Padlock Provision: All units are designed with a padlock provision on the cover for security.

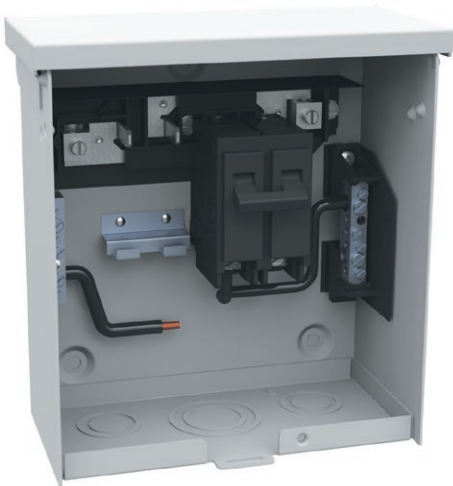
*Rated as an in-use cover (cover may be closed with cords plugged into receptacle).

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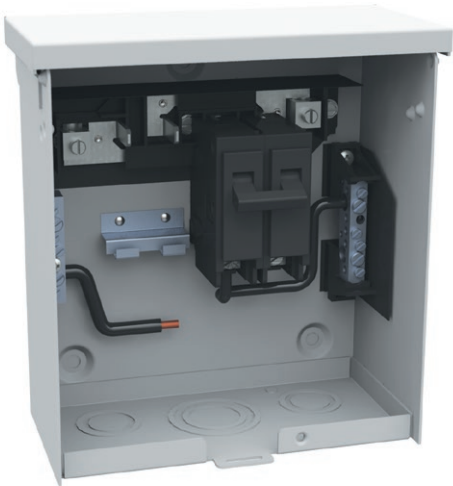


Hot Tub Disconnects

NEMA 3R Enclosures | NEC 2020 Compliant



U4881-O-50GB



U4881-O-60GB

Specifications

- 240V ground fault protection
- UL-listed, NEMA 3R weather-resistant
- Two-pole, 50 or 60 Amps GFCI breaker protection
- Compact size
- Three- or four-wire installation
- 1Ø, 120/240V
- Standard package of 12
- 100 Amps overall rating
- Easy to install

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

Catalog Number	Breaker Amps	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 ¾	7 ½	8 ½
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 ¾	7 ½	8 ½

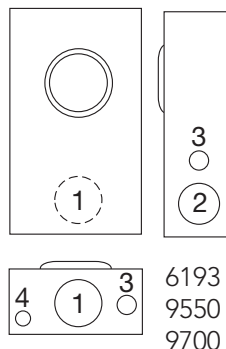


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Single Position Heavy Duty Lever Bypass

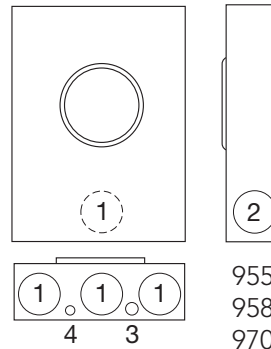
9

125-200 Amps | 5-7 Terminals | Ringless | 600V



6193
9550
9700

U6193-RL-QG-5T9-AMS



9551
9581
9701

U9551-RXL-QG-5T9-AMS



U9701-RXL-QG-AMS

NOTE

Ameren requires these units at 240V and below.

125 Amps | 5 Terminals | Single Position | Heavy Duty Lever Bypass | Ringless | 1Ø3W | OH Only

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U6193-RL-QG-5T9-AMS	OH	H.O.	#6-350	#6-350	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U6193-YL-QG-5T9-AMS	OH	1 ¹ / ₄ "	#6-350	#6-350	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂

200 Amps | 5 Terminals | Single Position | Heavy Duty Lever Bypass | Ringless | 1Ø3W or 3Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U9550-RXL-QG-5T9-AMS	OH	C.P.	#6-350	#6-350	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U9550-RDL-QG-5T9-AMS	OH	2"	#6-350	#6-350	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U9551-RXL-QG-5T9-AMS	OH/UG	C.P.	#6-350	#6-350	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄

200 Amps | 7 Terminals | Single Position | Heavy Duty Lever Bypass | Ringless | 3Ø4W

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

Notes

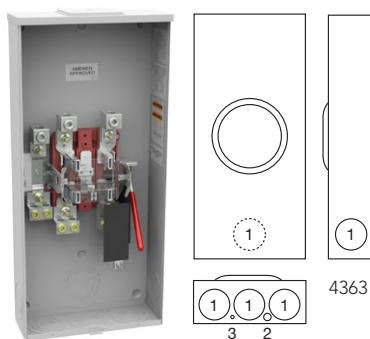
- Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
- Connectors: Extruded aluminum connectors are tin plated. U9550, U9551 and U6193 units include removable bonding strap for isolated neutral. For U9701, add K1047 isolated neutral kit.
- Bypass: Lever supplies clamping action and also operates bypass device.

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1 □ Single Position Heavy Duty Lever Bypass

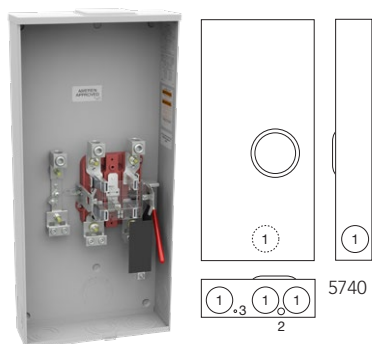
320 Amps | 5-7 Terminals | Ringless | 600V



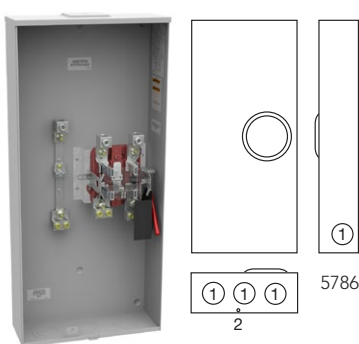
U4363-X-QG-K3-K2-5T9-AMS



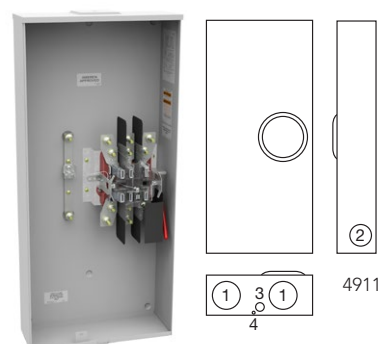
U1079-X-QG-K3-K2-5T9-AMS



U5740-X-K3L-K2L-5T9-AMS



U5786-X-K3-K2-5T9-BL-AMS



U4911-X-QG-BL-AMS

320 Amps | 5 Terminals | Single Position | Heavy Duty Lever Bypass | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U4363-X-QG-K3-K2-5T9-AMS	OH	C.P.	#4-600 or (2) #1/0-250	Twin #350	4 ⁷ / ₈	13	28 ¹ / ₄	3	1/4, 1/2	1/4	—
U1079-X-QG-K3-K2-5T9-AMS*	OH	C.P.	#4-600 or (2) #1/0-250	Twin #350	4 ⁷ / ₈	13	38 ³ / ₄	3	2 ¹ / ₂	1/4, 1/2	1/4
U5740-X-K3L-K2L-5T9-AMS*	OH/UG	C.P.	#4-600 or (2) #1/0-250	Twin #350	4 ⁷ / ₈	15	31 ³ / ₄	3	1/4, 1/2	1/4	—
U5786-X-K3-K2-5T9-BL-AMS	OH/UG	C.P.	#4-600 or (2) #1/0-250	Twin #350	6 ¹ / ₂	17 ³ / ₄	38 ³ / ₄	3	1/4	—	—

320 Amps | 7 Terminals | Single Position | Heavy Duty Lever Bypass | Ringless | 3Ø4W

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

Notes

* For 3Ø3W, remove bonding strap on U1079.

• For the U5740, use K5979 isolated neutral kit. For the U4911, use K5984 isolated neutral kit

† Studs will need lug kit on line/load. See page accessories page for connector kits on page 64.

NOTE

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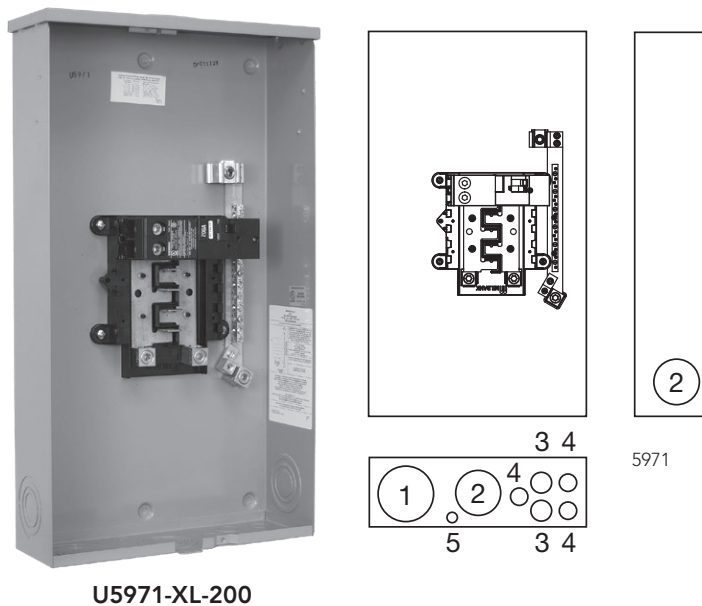


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Unmetered Load Centers

100-200 Amps | 120/240V

11



U5971-XL-200

100-200 Amps | Load Center with Main Breaker | 120/240V

Catalog Number	Main Breaker Amps	Branch Circuits	Service	Hub	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
U5971-XL-100	100	10	OH/UG	C.P.	4½	14⅞	25⅙	3	2½	1	½, ¾	¼, ½
U5971-XL-150	150	8	OH/UG	C.P.	4½	14⅞	25⅙	3	2½	1	½, ¾	¼, ½
U5971-XL-200	200	8	OH/UG	C.P.	4½	14⅞	25⅙	3	2½	1	½, ¾	¼, ½

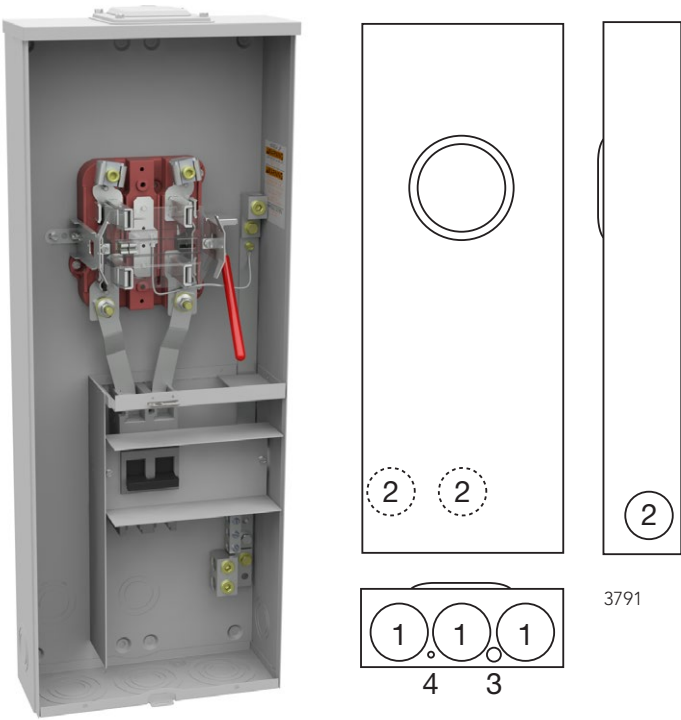
Notes

- **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 200 Amps or 150 Amps to 100 Amps breakers (large frame to small frame). Order **K5820** for 200 Amps or 150 Amps to 200 Amps or 150 Amps breakers (large frame to large frame). Order **K5830** for 100 Amps to 100 Amps breakers (small frame to small frame).

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100-200 Amps | 5 Terminals | Lever Bypass | Ringless | 120/240V
NEC 2020 Compliant



U3791N-RXL-200-5T9-AMS

100-200 Amps | 5 Terminals | Meter Mains | Heavy Duty Lever Bypass | Ringless | 1Ø3W | OH Only

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U3791N-RXL-100-5T9-AMS	100	OH	C.P.	#6-350	C.B.	4 ²⁷ / ₃₂	13	34	3	2½	½	¼
U3791N-RXL-200-5T9-AMS	200	OH	C.P.	#6-350	C.B.	4 ²⁷ / ₃₂	13	34	3	2½	½	¼



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Meter Mains With Load Center

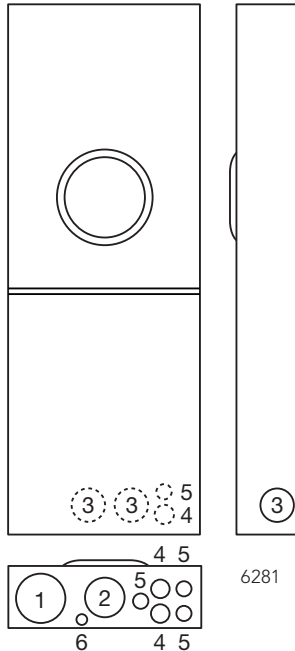
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100-200 Amps | 5 Terminals | Lever Bypass | Ringless | 120/240V

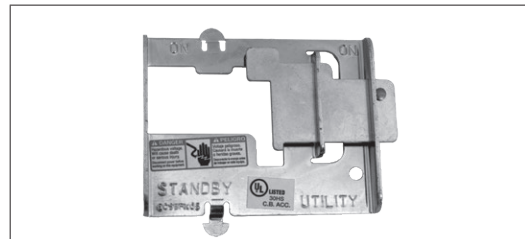
NEC 2020 Compliant



U6281-XL-100-5T9-AMS



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

200 Amps | 5 Terminals | Meter Mains | Lever Bypass | Ringless | 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U6281-XL-100-5T9-AMS	100	OH/UG	C.P.	#6-350	C.B.	4½	14⅞	39¼	3	2½	2	1	¾
U6281-XL-200-5T9-AMS	200	OH/UG	C.P.	#6-350	C.B.	4½	14⅞	39¼	3	2½	2	1	¾

Notes

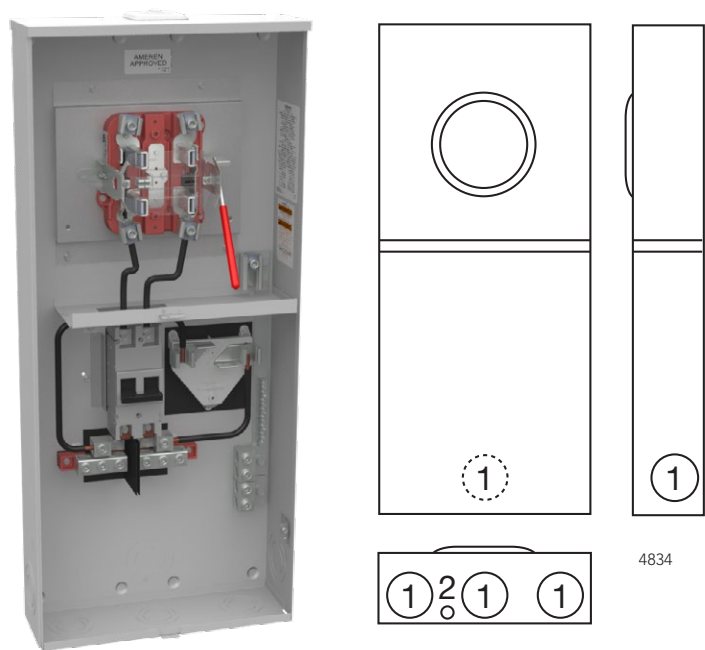
- Breakers:** Units are factory supplied with Siemens 200 Amps plug-in type **QN2200RH** breaker. Other amperages available. When applicable, replace suffix with desired amperage (-100, -125, -150).
- Branch Breakers:** Single-pole branch circuits available with feed through lugs.
- Interlock Kit:** 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 (for use with **6281**).

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Manual Transfer Switch

200 Amps | 5 Terminals | Ringless | 120/240V | *NEC 2020 Compliant*



U4834-XL-200-5T9-AMS
Shown with 200 Amps auxiliary breaker provision. Auxiliary breaker sold separately.

200 Amps | 5 Terminals | Manual Transfer Switch | Ringless | 1Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U4834-XL-200-5T9-AMS	OH	C.P.	#6-350	#6-350	Lever	5½	17	39	3	¼, ½

Notes

- **Auxiliary Breakers:** Must be ordered separately. Use UQFP- (Amps) style breaker.
- **Breakers:** Comes with factory-installed sliding interlock to allow only one breaker to be in the ON position



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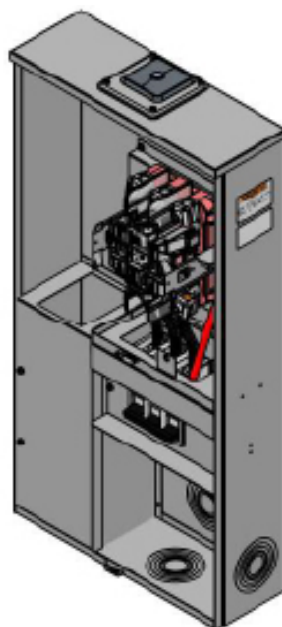
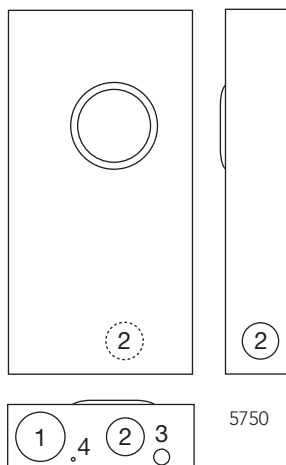
Lever Bypass Meter Mains

200 Amps | 7 Terminals | Ringless | 120/208V | *NEC 2020 Compliant*

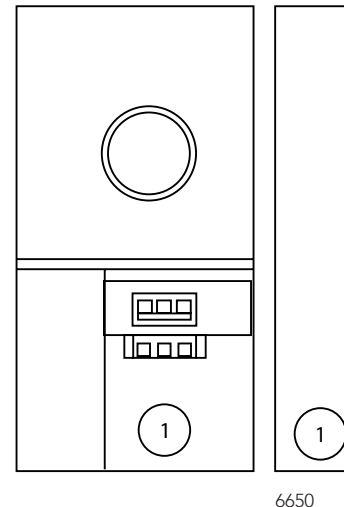
15



U5750-RXL-200-BL-AMS



U6650-RXL-200-BL-AMS



200 Amps | 7 Terminals | Meter Mains with Breaker | Heavy Duty 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-AMS	200	OH	C.P.	#6-350	1/0-300	5¾	17⅞	34	4	3	1	¼
U6650-RXL-200-BL-AMS	200	OH/UG	C.P.	#6-300	#6-350	5¾	15	28½	4	3	1	¼

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Breaker:** Factory-installed 200 Amps, 3-pole, 10K AIC.

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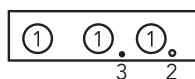
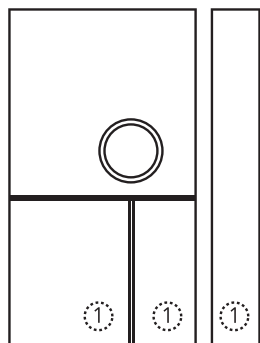


Heavy Duty Lever Bypass Meter Mains

320 Amps | 5 Terminals | Ringless | 120/240V | *NEC 2020 Compliant*



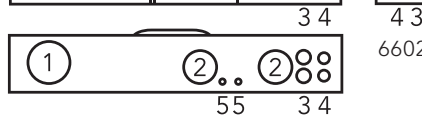
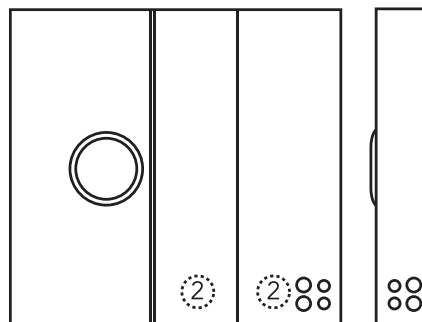
U6585-X-2/200-K3L-5T9-AMS



6585



U6602-X-2/200-K3L-5T9-AMS



6602

320 Amps | 5 Terminals | Meter Mains | Ringless | OH/UG Service

Catalog Number	Service	Hub	Branch Circuits	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U6585-X-2/200-K3L-5T9-AMS	OH/UG	C.P.	—	#4-600	1/0-300	4 $\frac{7}{8}$	20 $\frac{1}{4}$	45	3	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U6601-X-2/200-K3L-5T9-AMS	OH/UG	C.P.	—	#4-600	1/0-300	6	34 $\frac{1}{5}$	35	4	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U6602-X-2/200-K3L-5T9-AMS	OH/UG	C.P.	8	#4-600	1/0-300	6	38	41	4	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—
U6603-X-2/200-K3L-5T9-AMS	OH/UG	C.P.	22	#4-600	1/0-300	6	38	41	4	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—

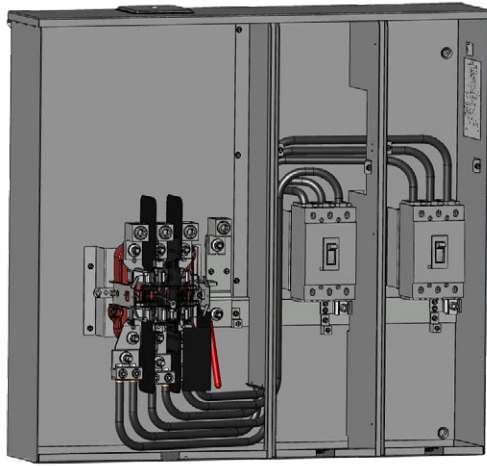


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Meter Mains

17

400 Amps | 5-7 Terminals | Single and Three Phase | *NEC 2020 Compliant*



U6056-X-2/200-K7L-AMS



U6227-X-400-K3L-5T9-AMS

400 Amps | 5 Terminals | Meter Mains | 1Ø3W | NEC 2020 Compliant

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

400 Amps | 7 Terminals | Meter Mains | 3Ø4W | NEC 2020 Compliant

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6056-X-2/200-K7L-AMS	OH/UG	C.P.	#4-600 kcmil or (2) #1/0-250	7	36¼	34	4	2½	½	¼
U6229-X-400-K7L-AMS*	OH/UG	C.P.	#4-600 kcmil or (2) #1/0-250	6	36¼	34	4	2½	½	¼

Specifications

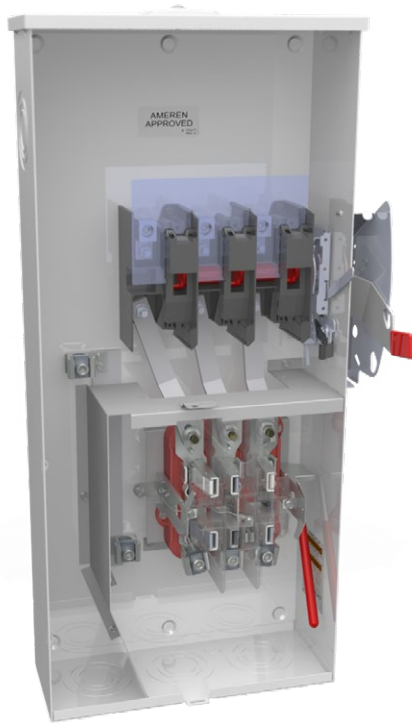
- **AIC Rating:** 22K AIC at 240V.
- ***300 Amps breaker:** Can be installed from the factory (upon request).

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Cold Sequence Knife Switch

UL-Listed | 200 Amps | Ameren Approved



U6550

Aesthetically pleasing, fewer components and a smaller footprint than using both a meter socket and disconnect. Faster Installation!

Features

- Easy installation
 - All-in-one socket knife switch combo saves time
- Durable enclosure
 - NEMA 3R rated
 - Standard enclosure: Powder-coated galvanized steel
 - Optional enclosure materials: Stainless steel or aluminum
- Wide range of optional utility specified components (stainless steel hasp, isolated neutral, barrel lock, etc.) upon request.
- SCCR rating of 10K
- UL-Listed
- Manufactured in the USA

Catalog Number	Amps	Phase	Terminals	Dimensions		
				D"	W"	H"
U6549-XL-200NF-5T9-IL-LG	200	1Ø3W & Network	4 or 5	5¾	15	33½
U6615-XL-200NF-5T9-IL-LG (Delta)	200	3Ø3W	5	5¾	15	33½
U6550-XL-200NF-IL-LG	200	3Ø4W	7	5¾	15	33½

Add prefix for below optional metals:

USS- stainless steel (No KO's or hub openings are included in the enclosure from the factory when ordered as stainless steel)

UAP- aluminum painted

Add suffix for below options:

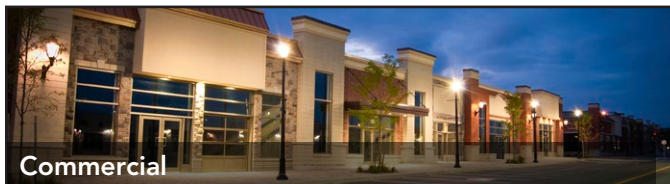
-5T9/-5T6 fifth terminal designation

-IL barrel lock

-BLG barrel lock/guard provisions

-HSP stainless steel hasp

Common Applications

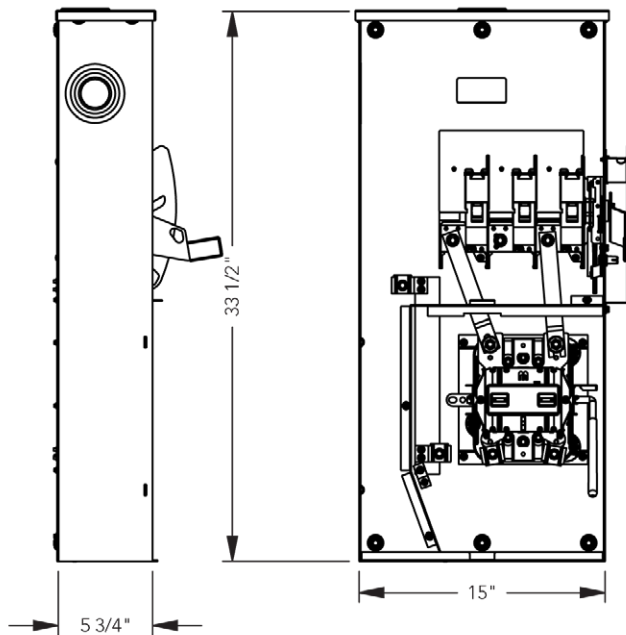


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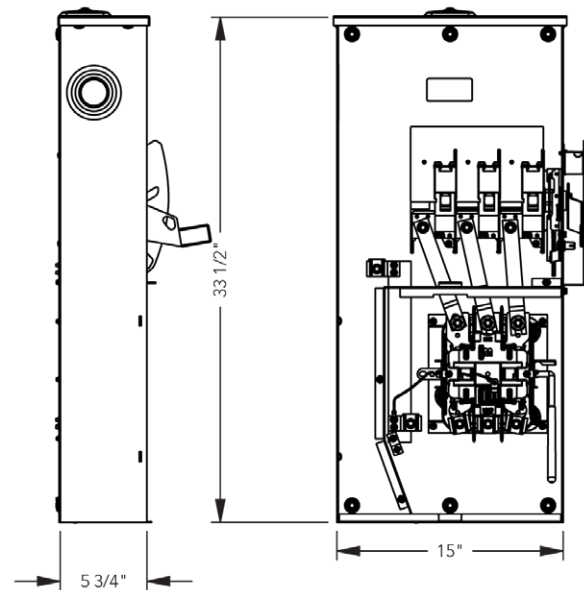
Cold Sequence Knife Switch

UL-Listed | 200 Amps | Ameren Approved

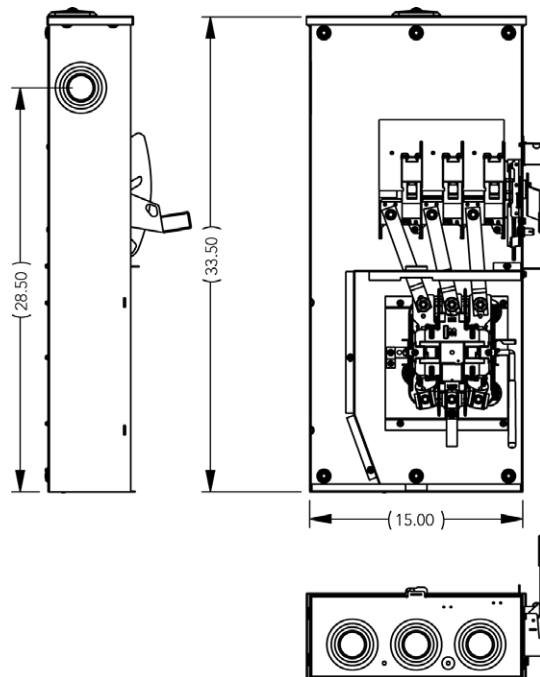
19



U6549



U6550



U6615

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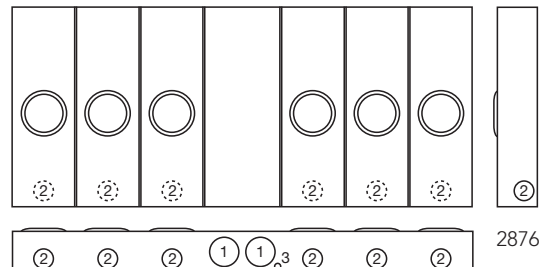
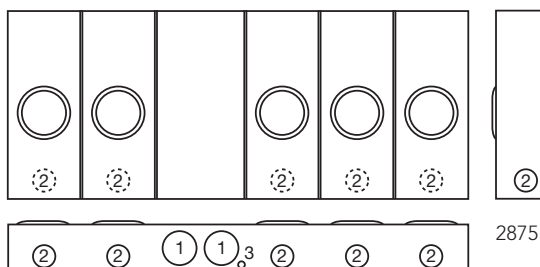
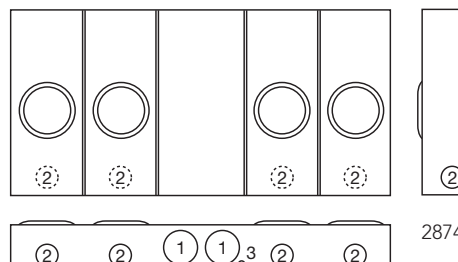
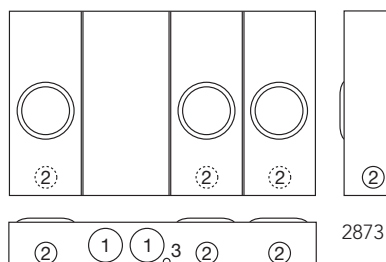
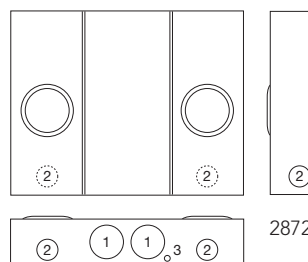


HD Lever Bypass Multi-Position Sockets

200 Amps | 5 Terminals | Ringless | 600V



U2873-XT-QG-5T9-AMS



200 Amps per Position | 5 Terminals | Multi-Position | Heavy Duty Lever Bypass | Ringless | OH/UG

Catalog Number	Positions	Main Bus Rating	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U2872-XT-QG-5T9-AMS	2	200 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	32 1/8	25 1/4	4	2 1/2	1/4, 1/2
U2873-XT-QG-5T9-AMS	3	270 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	42 3/16	25 1/4	4	2 1/2	1/4, 1/2
U2874-XT-QG-5T9-AMS	4	360 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	52 1/4	25 1/4	4	2 1/2	1/4, 1/2
U2875-XT-QG-5T9-AMS	5	450 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	62 5/16	25 1/4	4	2 1/2	1/4, 1/2
U2876-XT-QG-5T9-AMS	6	528 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	72 3/8	31 1/4	4	2 1/2	1/4, 1/2

Notes

- **Hubs:** Units supplied with two closing plates. If hub is needed, 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), K1350 (twin 350 kcmil), K1541 (twin 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 page 64.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.



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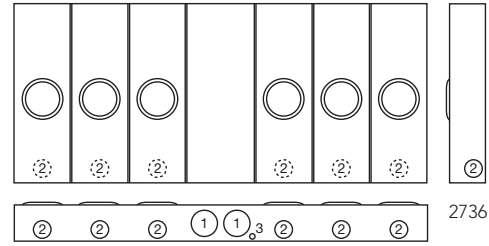
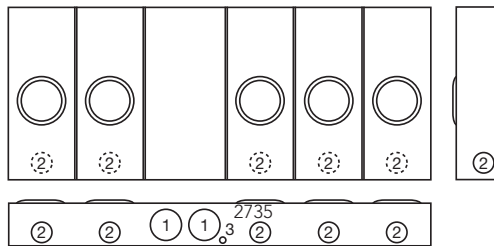
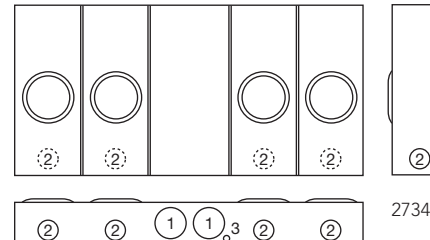
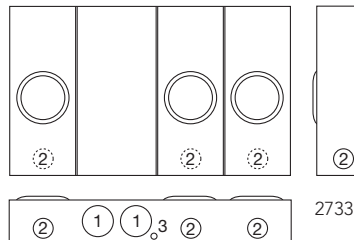
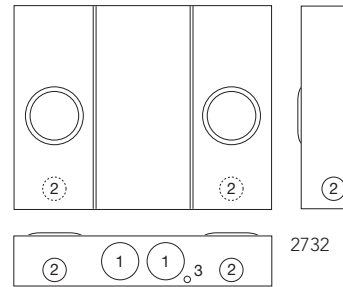
HD Lever Bypass Multi-Position Sockets

21

200 Amps | 7 Terminals | Ringless | 600V



U2732-XT



200 Amps per Position | 7 Terminals | Multi-Position | Heavy Duty Lever Bypass | Ringless | OH/UG

Catalog Number	Positions	Main Bus Rating	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U2732-XT	2	200 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	32 1/8	25 1/4	4	2 1/2	1/4, 1/2
U2733-XT	3	270 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	42 3/16	25 1/4	4	2 1/2	1/4, 1/2
U2734-XT	4	360 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	52 1/4	25 1/4	4	2 1/2	1/4, 1/2
U2735-XT	5	450 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	62 5/16	25 1/4	4	2 1/2	1/4, 1/2
U2736-XT	6	528 Amps	(2) C.P.	3/8" x 16 Studs	#6-350	6	72 3/8	31 1/4	4	2 1/2	1/4, 1/2

Notes

- Hubs: Units supplied with two closing plates. If hub is needed, 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), K3442 (twin 350 kcmil), K3083 (twin 600 kcmil). Line connectors can be reversed to change from "OH" to "UG" service.
- Bypass: The lever operates bypass device and supplies clamping action to meter spades.

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22 Lever Bypass Multi-Position Meter Mains

200 Amps Per Position | 5 Terminals | Ringless | 120/240V

NEC 2020 Compliant



U5974-Xt-5T9-AMS

NOTE

Ameren allows these units at 240V and below.

200 Amps per Position | 5 Terminals | Multi-Position Meter Mains | Ringless

Catalog Number	Positions	Main Bus Rating	Hub	Connectors CU/AL		Dimensions		
				Line	Load	D"	W"	H"
U5972-Xt-5T9-AMS	2	320 Amps	(2) C.P.	1/0-350	C.B.	5 ³¹ / ₃₂	36 ³ / ₈	34
U5973-Xt-5T9-AMS	3	450 Amps	(2) C.P.	1/0-350	C.B.	5 ³¹ / ₃₂	46 ¹ / ₂	34
U5974-Xt-5T9-AMS	4	640 Amps	(2) C.P.	1/0-350	C.B.	5 ³¹ / ₃₂	57 ¹ / ₁₆	34
U5975-Xt-5T9-AMS	5	640 Amps	(2) C.P.	1/0-350	C.B.	5 ³¹ / ₃₂	67 ¹ / ₈	34
U5976-Xt-5T9-AMS	6	640 Amps	(2) C.P.	1/0-350	C.B.	5 ³¹ / ₃₂	77 ⁹ / ₁₆	34

Breaker Chart

Manufacturer	125-200 Amps	100 Amps or Less
Cutler-Hammer	BR/WBJ/HQP	QP/BR
Siemens	QNH	QP
GE	THQ	THQ
Square D	—	Homeline

Connector Kits*

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

Notes

- **AIC Rating:** All models are rated 22K AIC.
- **Hub:** Units supplied with two closing plates. If hub is needed, refer to the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installable fifth terminal, order K3866.
- **Lug Kits:** Sold separately.
- **Front Covers:** Barrel lock option available — contact factory.
- **Breakers:** Units have provision for 2-pole main per meter position. Breakers not included. Order separately (see chart above).

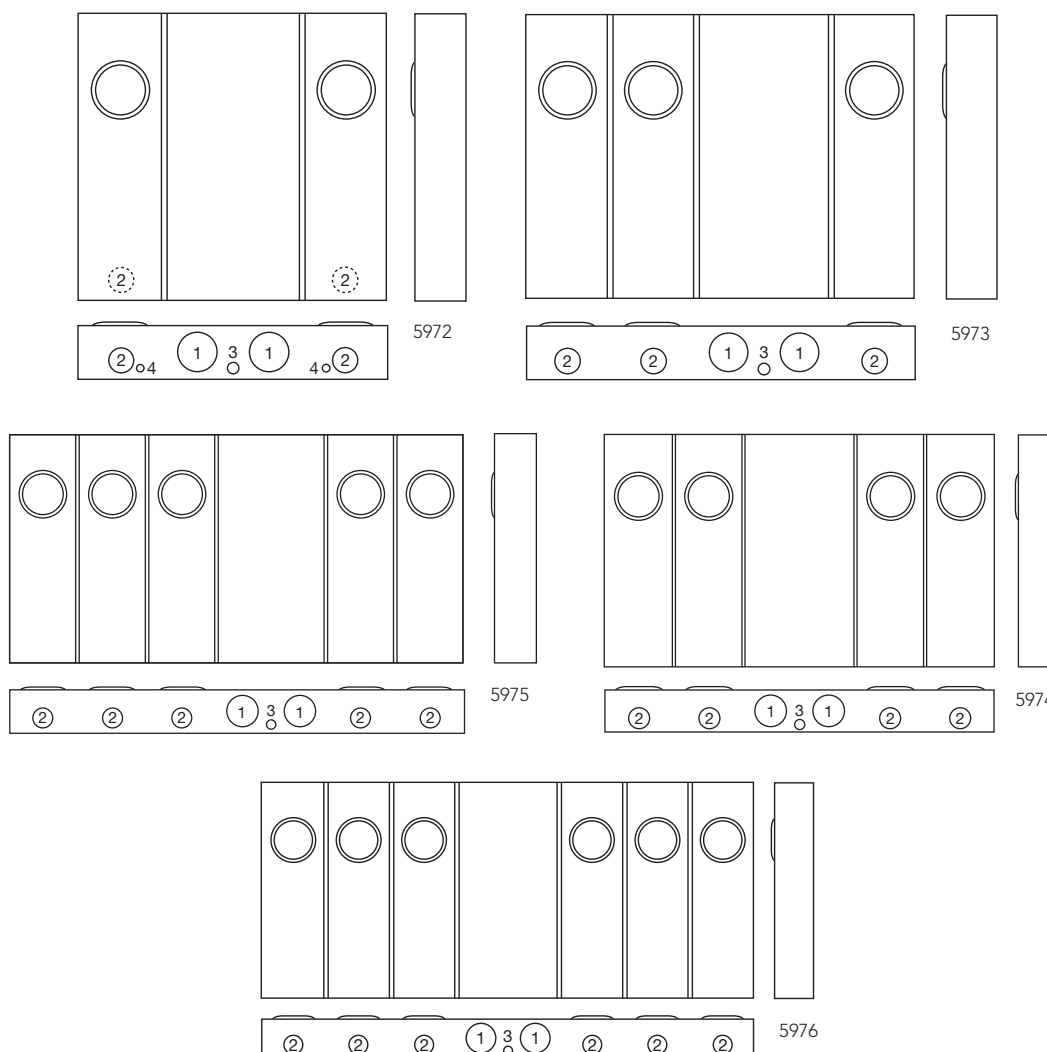
*For line wire connector kits, order separately (see chart above).



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Lever Bypass Multi-Position Meter Mains 23

200 Amps per Position | 5 Terminals | Ringless | 120/240V



Catalog Number	Dimensions			Knockouts			
	D"	W"	H"	1	2	3	4
U5972-XT-5T9-AMS	5 ³¹ / ₃₂	36 ³ / ₈	34	4	2 ¹ / ₂	1	1/2
U5973-XT-5T9-AMS	5 ³¹ / ₃₂	46 ¹ / ₂	34	4	2 ¹ / ₂	1	-
U5974-XT-5T9-AMS	5 ³¹ / ₃₂	57 ¹ / ₁₆	34	4	2 ¹ / ₂	1	-
U5975-XT-5T9-AMS	5 ³¹ / ₃₂	67 ¹ / ₈	34	4	2 ¹ / ₂	1	-
U5976-XT-5T9-AMS	5 ³¹ / ₃₂	77 ⁹ / ₁₆	34	4	2	1	-

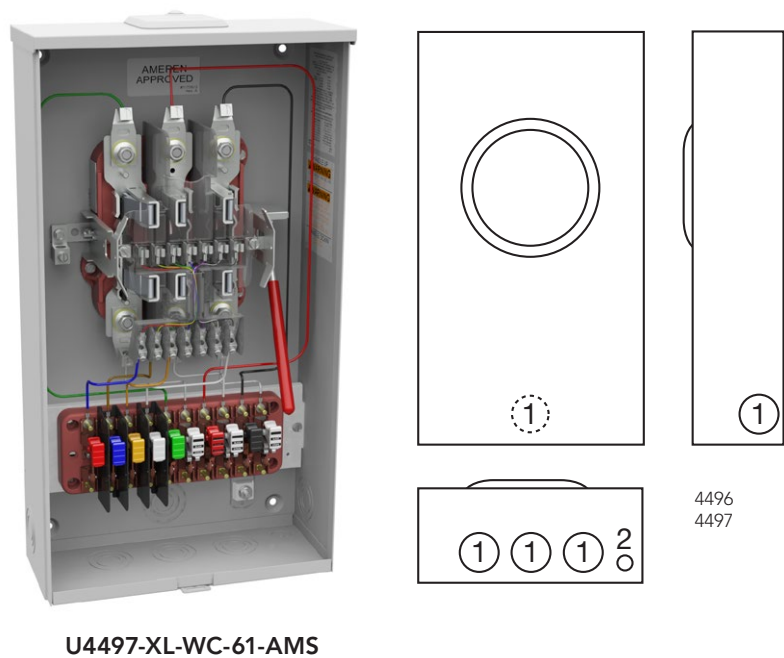
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24

HD Lever Bypass Transformer Rated

20 Amps | 8-3 Terminals | Ringless | 600V



NOTE

In Illinois, CT-rated sockets are supplied by the customer. **U4996-XL-WC-41-AMS** and **U4997-XL-WC-61-AMS** are sold in Illinois only. In Missouri, CT rated sockets are supplied by Ameren.

20 Amps* | Ringless | Transformer Rated | with Provision for Test Switch | Heavy Duty Lever Bypass

Catalog Number	Terminals	System	Hub	Service	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
U4496-XL-WC-41-AMS	8	1Ø3W or 3Ø3W	C.P.	OH/UG	#14 - #4 Max	4 ⁷ / ₈	12	22	1½	¼, ½
U4497-XL-WC-61-AMS	13	3Ø4W	C.P.	OH/UG	#14 - #4 Max	4 ⁷ / ₈	12	22	1½	¼, ½

Notes

- Bypass: The lever operates bypass device and supplies clamping action to meter spades.
- *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

25

400–800 Amps



PT48AL*
PT48AR*



CT364811-HC-AMS†

Photo shown with K5930 rack installed.

Hinge Cover Transformer Cabinets

Catalog Number	CT Racks †	Dimensions			Hinged Door
		D"	W"	H"	
CT244811-HC	A	11	24	48	Single
CT304811-HC-AMS	A, B, G, H	11	30	48	Double
CT364811-HC-AMS	A, B, G, H	11	36	48	Double

PT Cabinets

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

Notes

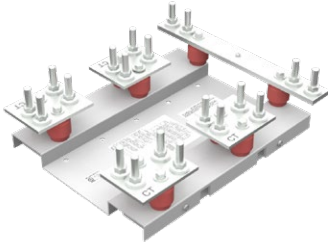
- **PT Cabinets:** PT Cabinets are required on all 277/480V installations.
- **Enclosure:** These units are rated NEMA 3R, powder coated and constructed of galvanized steel.
- **Mounting:** Use 1/4 - 20 welded studs.

*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.

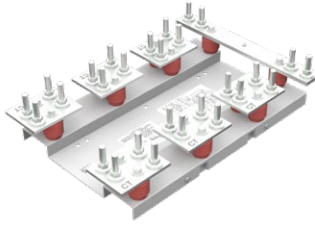
†Select CT mounting rack from next page.

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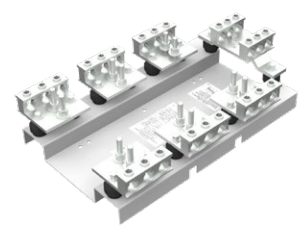




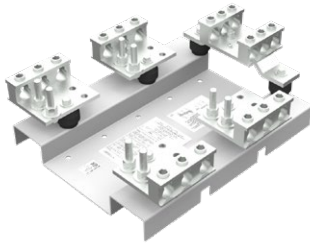
K4797 (Studs)



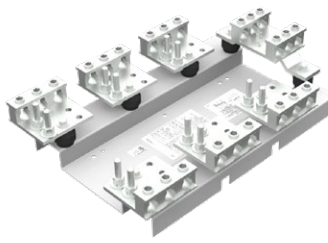
K4798 (Studs)



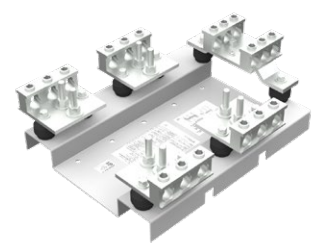
K5930 (With Lugs)



K4729 (With Lugs)



K4722 (With Lugs)



K5931 (With Lugs)

Current Transformer Mounting Racks

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

Notes

- **Enclosures:** Select CT enclosures from previous page.
- **Lugs:** Lug sizing ranges are specific to the CT cabinet sizing. Consult factory if necessary for more information.

NOTE

Ameren requires CT metering as follows: 401 Amps and larger at 240V, 201 Amps and larger at 277/480V.

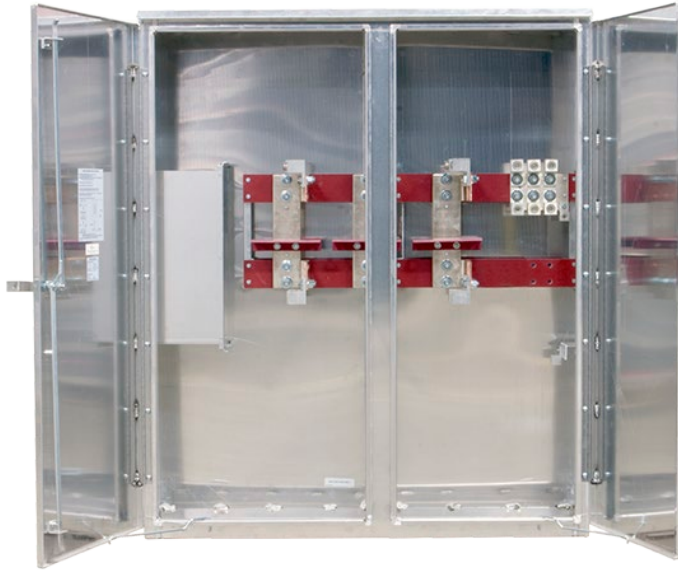


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Current Transformer Cabinets

27

Ameren Area Units | UL-Listed



CT Cabinets

- **Three-point latching handle and locking mechanism:** Padlocking handle with three-point latching system allows for easy locking and securing of the unit.
- **Lugs:** Tin-plated aluminum, suitable for aluminum or copper conductors and rated for 90°. Lugs are sized for #4-600 MCM up to 1200 Amps, and #3/0-800 MCM for 1600 Amps and above.
- **Potential tap:** Included on buss
- Wind-stop latch
- Grounding lug
- Aluminum shell
- UL-listed
- **NEMA 3R rated:** For indoor and outdoor applications



Termination Cabinets

- **Three-point latching handle and locking mechanism:** Padlocking handle with three-point latching system allows for easy locking and securing of the unit.
- **Lugs:** Tin-plated aluminum, suitable for aluminum or copper conductors and rated for 90°. Lugs are sized for #4-600 MCM.
- **NEMA 3R rated:** For indoor and outdoor applications



Disconnect Cabinets

- **Three-point latching handle and locking mechanism:** Padlocking handle with three-point latching system allows for easy locking and securing of the unit.
- **NEMA 3R rated:** For indoor and outdoor applications
- Fuse pull-out or circuit breakers: Options available

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



Underground Entry and Overhead Exit

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-413	400	250	1Ø3W	65kA	48	25	10	20104-04	20104-8000
AMRM-433	400	250	3Ø3W	65kA	48	25	10	20104-04	20104-8001
AMRM-434	400	250	3Ø4W	65kA	48	25	10	20104-04	20104-8000
AMRM-613	600	250	1Ø3W	65kA	48	25	10	20104-04	20104-8002
AMRM-633	600	250	3Ø3W	65kA	48	25	10	20104-04	20104-8003
AMRM-634	600	250	3Ø4W	65kA	48	25	10	20104-04	20104-8002
AMRM-813	800	250	1Ø3W	65kA	48	25	10	20104-04	20104-8004
AMRM-833	800	250	3Ø3W	65kA	48	25	10	20104-04	20104-8005
AMRM-834	800	250	3Ø4W	65kA	48	25	10	20104-04	20104-8004
AMRM-1233	1200	250	3Ø3W	85kA	54	36	14	20104-07	20104-8007
AMRM-1234	1200	250	3Ø4W	85kA	54	36	14	20104-07	20104-8006
AMRM-1633	1600	250	3Ø3W	85kA	60	38	16	20104-11	20104-8009
AMRM-1634	1600	250	3Ø4W	85kA	60	38	16	20104-11	20104-8008
AMRM-2033	2000	250	3Ø3W	85kA	66	42	14	20104-16	20104-8011
AMRM-2034	2000	250	3Ø4W	85kA	66	42	14	20104-16	20104-8010
AMRM-2533	2500	250	3Ø3W	85kA	72	42	20	20104-13	20104-8037
AMRM-2534	2500	250	3Ø4W	85kA	72	42	20	20104-13	20104-8036
AMRM-3033	3000	250	3Ø3W	85kA	72	42	20	20104-13	20104-8039
AMRM-3034	3000	250	3Ø4W	85kA	72	42	20	20104-13	20104-8038

600V | 3Ø-4W Units with Provisions for Mounting 3 Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-464	400	600	3Ø4W	65kA	48	37*	14	20104-04PT	20104-8000
AMRM-664	600	600	3Ø4W	65kA	48	37*	14	20104-04PT	20104-8002
AMRM-864	800	600	3Ø4W	65kA	48	37*	14	20104-04PT	20104-8004
AMRM-1264	1200	600	3Ø4W	85kA	54	48*	14	20104-07PT	20104-8006
AMRM-1664	1600	600	3Ø4W	85kA	60	50*	16	20104-11PT	20104-8008
AMRM-2064	2000	600	3Ø4W	85kA	60	54*	14	20104-16PT	20104-8010
AMRM-2564	2500	600	3Ø4W	85kA	72	54	20	20104-13PT	20104-8036
AMRM-3064	3000	600	3Ø4W	85kA	72	54	20	20104-13PT	20104-8038

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.

* Width measurement includes the 12-inch PT cabinet



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

Current Transformer Cabinets

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Ameren Area Units | UL-Listed

600V | 3Ø-3W Units with Provisions for Mounting Two Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-463	400	600	3Ø3W	65kA	48	37*	14	20104-04PT	20104-8001
AMRM-663	600	600	3Ø3W	65kA	48	37*	14	20104-04PT	20104-8003
AMRM-863	800	600	3Ø3W	65kA	48	37*	14	20104-04PT	20104-8005
AMRM-1263	1200	600	3Ø3W	85kA	54	48*	14	20104-07PT	20104-8007
AMRM-1663	1600	600	3Ø3W	85kA	60	50*	16	20104-11PT	20104-8009
AMRM-2063	2000	600	3Ø3W	85kA	66	54*	14	20104-16PT	20104-8011
AMRM-2563	2500	600	3Ø3W	85kA	72	54*	20	20104-13PT	20104-8037
AMRM-3063	3000	600	3Ø3W	85kA	72	54*	20	20104-13PT	20104-8039

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
 - **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
 - **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
 - **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
 - **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.
- * Width measurement includes the 12-inch PT cabinet

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



Underground Entry and Underground Exit

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-813UGBX	800	250	1Ø3W	65kA	48	36	10	20104-05	20104-8016
AMRM-833UGBX	800	250	3Ø3W	65kA	48	36	10	20104-05	20104-8017
AMRM-834UGBX	800	250	3Ø4W	65kA	48	36	10	20104-05	20104-8016
AMRM-1233UGBX	1200	250	3Ø3W	85kA	54	46	14	20104-08	20104-8019
AMRM-1234UGBX	1200	250	3Ø4W	85kA	54	46	14	20104-08	20104-8018
AMRM-1633UGBX	1600	250	3Ø3W	85kA	66	54	16	20104-12	20104-8021
AMRM-1634UGBX	1600	250	3Ø4W	85kA	66	54	16	20104-12	20104-8020
AMRM-2033UGBX	2000	250	3Ø3W	85kA	66	54	14	20104-12	20104-8023
AMRM-2034UGBX	2000	250	3Ø4W	85kA	66	54	14	20104-12	20104-8022
AMRM-2533UGBX	2500	250	3Ø3W	85kA	72	50	20	20104-14	20104-8025
AMRM-2534UGBX	2500	250	3Ø4W	85kA	72	50	20	20104-14	20104-8024
AMRM-3033UGBX	3000	250	3Ø3W	85kA	72	50	20	20104-14	20104-8027
AMRM-3034UGBX	3000	250	3Ø4W	85kA	72	50	20	20104-14	20104-8026

600V | 3Ø4W Units with Provisions for Mounting 3 Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-864UGBX	800	600	3Ø4W	65kA	48	36*	14	20104-05PT	20104-8016
AMRM-1264UGBX	1200	600	3Ø4W	85kA	54	46*	14	20104-08PT	20104-8018
AMRM-1664UGBX	1600	600	3Ø4W	85kA	66	54*	14	20104-12PT	20104-8020
AMRM-2064UGBX	2000	600	3Ø4W	85kA	66	54*	14	20104-12PT	20104-8022
AMRM-2564UGBX	2500	600	3Ø4W	85kA	72	50*	20	20104-14PT	20104-8024
AMRM-3064UGBX	3000	600	3Ø4W	85kA	72	50*	20	20104-14PT	20104-8026

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.

* Width measurement includes the 12-inch PT cabinet



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

Current Transformer Cabinets

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Ameren Area Units | UL-Listed

600V | 3Ø-3W Units with Provisions for Mounting Two Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-863UGBX	800	600	3Ø3W	65kA	48	36*	14	20104-05PT	20104-8017
AMRM-1263UGBX	1200	600	3Ø3W	85kA	54	46*	14	20104-08PT	20104-8019
AMRM-1663UGBX	1600	600	3Ø3W	85kA	66	54*	14	20104-12PT	20104-8021
AMRM-2063UGBX	2000	600	3Ø3W	85kA	66	54*	14	20104-12PT	20104-8023
AMRM-2563UGBX	2500	600	3Ø3W	85kA	72	50*	20	20104-14PT	20104-8025
AMRM-3063UGBX	3000	600	3Ø3W	85kA	72	50*	20	20104-14PT	20104-8027

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
 - **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
 - **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
 - **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
 - **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.
- * Width measurement includes the 12-inch PT cabinet

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



Pad-mount

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-413PM	400	250	1Ø3W	65kA	58	25	14	20104-03PM	20104-8012
AMRM-433PM	400	250	3Ø3W	65kA	58	25	14	20104-03PM	20104-8013
AMRM-434PM	400	250	3Ø4W	65kA	58	25	14	20104-03PM	20104-8012
AMRM-613PM	600	250	1Ø3W	65kA	58	36	14	20104-05PM	20104-8014
AMRM-633PM	600	250	3Ø3W	65kA	58	36	14	20104-05PM	20104-8015
AMRM-634PM	600	250	3Ø4W	65kA	58	36	14	20104-05PM	20104-8014
AMRM-813PM	800	250	1Ø3W	65kA	58	36	14	20104-05PM	20104-8016
AMRM-833PM	800	250	3Ø3W	65kA	58	36	14	20104-05PM	20104-8017
AMRM-834PM	800	250	3Ø4W	65kA	58	36	14	20104-05PM	20104-8016
AMRM-1233PM	1200	250	3Ø3W	85kA	64	46	14	20104-08PM	20104-8019
AMRM-1234PM	1200	250	3Ø4W	85kA	64	46	14	20104-12PM	20104-8018
AMRM-1633PM	1600	250	3Ø3W	85kA	66	54	14	20104-12PM	20104-8021
AMRM-1634PM	1600	250	3Ø4W	85kA	66	54	14	20104-12PM	20104-8020
AMRM-2033PM	2000	250	3Ø3W	85kA	66	54	14	20104-12PM	20104-8023
AMRM-2034PM	2000	250	3Ø4W	85kA	66	54	14	20104-12PM	20104-8022
AMRM-2533PM	2500	250	3Ø3W	85kA	72	50	20	20104-14PM	20104-8025
AMRM-2534PM	2500	250	3Ø4W	85kA	72	50	20	20104-14PM	20104-8024
AMRM-3033PM	3000	250	3Ø3W	85kA	72	50	20	20104-14PM	20104-8027
AMRM-3034PM	3000	250	3Ø4W	85kA	72	50	20	20104-14PM	20104-8026

600V | 3Ø-4W Units with Provisions for Mounting 3 Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-464PM	400	600	3Ø4W	65kA	48	25*	14	20104-03PTPM	20104-8012
AMRM-664PM	600	600	3Ø4W	65kA	48	36*	14	20104-05PTPM	20104-8014
AMRM-864PM	800	600	3Ø4W	65kA	48	36*	14	20104-05PTPM	20104-8016
AMRM-1264PM	1200	600	3Ø4W	85kA	54	46*	14	20104-08PTPM	20104-8018
AMRM-1664PM	1600	600	3Ø4W	85kA	66	54*	14	20104-12PTPM	20104-8020
AMRM-2064PM	2000	600	3Ø4W	85kA	66	54*	14	20104-12PTPM	20104-8022
AMRM-2564PM	2500	600	3Ø4W	85kA	72	50*	20	20104-14PTPM	20104-8024
AMRM-3064PM	3000	600	3Ø4W	85kA	72	50*	20	20104-14PTPM	20104-8026

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.

* Width measurement includes the 12-inch PT cabinet



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

Current Transformer Cabinets

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Ameren Area Units | UL-Listed

600V | 3Ø-3W Units with Provisions for Mounting Two Potential Transformers

Catalog Number	Amps	Voltage	Phase	SCCR	Dimensions			Cabinet Drawing	Bus Drawing
					H"	W"	D"		
AMRM-463PM	400	600	3Ø3W	65kA	48	25*	14	20104-03PTPM	20104-8013
AMRM-663PM	600	600	3Ø3W	65kA	48	36*	14	20104-05PTPM	20104-8015
AMRM-863PM	800	600	3Ø3W	65kA	48	36*	14	20104-05PTPM	20104-8017
AMRM-1263PM	1200	600	3Ø3W	85kA	54	46*	14	20104-08PTPM	20104-8019
AMRM-1663PM	1600	600	3Ø3W	85kA	66	54*	14	20104-12PTPM	20104-8021
AMRM-2063PM	2000	600	3Ø3W	85kA	66	54*	14	20104-12PTPM	20104-8023
AMRM-2563PM	2500	600	3Ø3W	85kA	72	50*	20	20104-14PTPM	20104-8025
AMRM-3063PM	3000	600	3Ø3W	85kA	72	50*	20	20104-14PTPM	20104-8027

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
 - **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
 - **Locking Mechanisms:** The hinged door employs a three-point latch and has provisions for padlocking.
 - **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
 - **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.
- * Width measurement includes the 12-inch PT cabinet

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



Overhead or Underground Entry

Catalog Number	Amps	Voltage	Phase	SCCR	Lugs (size) per Phase	Dimensions			Cabinet Drawing	Bus Drawing
						H"	W"	D"		
TBAMRM-413-1	400	600	1Ø3W	65kA	1 (600)	48	25	14	20104-03	20103-848
TBAMRM-433-1	400	600	3Ø3W	65kA	1 (600)	48	25	14	20104-03	20103-848
TBAMRM-434-1	400	600	3Ø4W	65kA	1 (600)	48	25	14	20104-03	20103-848
TBAMRM-613-2	600	600	1Ø3W	65kA	2 (600)	48	25	14	20104-03	20103-812
TBAMRM-633-2	600	600	3Ø3W	65kA	2 (600)	48	25	14	20104-03	20103-812
TBAMRM-634-2	600	600	3Ø4W	65kA	2 (600)	48	25	14	20104-03	20103-812
TBAMRM-813-2	800	600	1Ø3W	65kA	2 (600)	48	25	14	20104-03	20103-849
TBAMRM-833-2	800	600	3Ø3W	65kA	2 (600)	48	25	14	20104-03	20103-849
TBAMRM-834-2	800	600	3Ø4W	65kA	2 (600)	48	25	14	20104-03	20103-849
TBAMRM-1233-3	1200	600	3Ø3W	85kA	3 (600)	48	36	14	20104-07	20103-850
TBAMRM-1234-3	1200	600	3Ø4W	85kA	3 (600)	48	36	14	20104-07	20103-850
TBAMRM-1633-4	1600	600	3Ø3W	85kA	4 (800)	54	36	14	20104-07	20103-862
TBAMRM-1634-4	1600	600	3Ø4W	85kA	4 (800)	54	36	14	20104-07	20103-862
TBAMRM-2033-5	2000	600	3Ø3W	85kA	5 (800)	60	34	16	20104-11	20103-863
TBAMRM-2034-5	2000	600	3Ø4W	85kA	5 (800)	60	38	16	20104-11	20103-863
TBAMRM-2533-7	2500	600	3Ø3W	85kA	7 (800)	72	42	20	20104-13	20103-864
TBAMRM-2534-7	2500	600	3Ø4W	85kA	7 (800)	72	42	20	20104-13	20103-864
TBAMRM-3033-8	3000	600	3Ø3W	85kA	8 (800)	72	42	20	20104-13	20103-865
TBAMRM-3034-8	3000	600	3Ø4W	85kA	8 (800)	72	42	20	20104-13	20103-865

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanism:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Bonding Strap:** The neutral bonding strap is provided.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.



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

Termination Boxes

Ameren Area Units | UL-Listed

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Underground Entry and Bottom Exit

Catalog Number	Amps	Voltage	Phase	SCCR	Lugs (size) per Phase	Dimensions			Cabinet Drawing	Bus Drawing
						H"	W"	D"		
TBBXAMRM-413-1	400	600	1Ø3W	65kA	1 (600)	48	25	14	20104-03	20103-855
TBBXAMRM-433-1	400	600	3Ø3W	65kA	1 (600)	48	25	14	20104-03	20103-855
TBBXAMRM-434-1	400	600	3Ø4W	65kA	1 (600)	48	36	14	20104-03	20103-855
TBBXAMRM-613-2	600	600	1Ø3W	65kA	2 (600)	48	36	14	20104-05	20103-840
TBBXAMRM-633-2	600	600	3Ø3W	65kA	2 (600)	48	36	14	20104-05	20103-840
TBBXAMRM-634-2	600	600	3Ø4W	65kA	2 (600)	48	36	14	20104-05	20103-840
TBBXAMRM-813-2	800	600	1Ø3W	65kA	2 (600)	48	36	14	20104-05	20103-856
TBBXAMRM-833-2	800	600	3Ø3W	65kA	2 (600)	48	36	14	20104-05	20103-856
TBBXAMRM-834-2	800	600	3Ø4W	65kA	2 (600)	48	36	14	20104-05	20103-856
TBBXAMRM-1233-3	1200	600	3Ø3W	85kA	3 (600)	54	46	14	20104-08	20103-857
TBBXAMRM-1234-3	1200	600	3Ø4W	85kA	3 (600)	54	46	14	20104-08	20103-857
TBBXAMRM-1633-4	1600	600	3Ø3W	85kA	4 (800)	54	46	14	20104-08	20103-866
TBBXAMRM-1634-4	1600	600	3Ø4W	85kA	4 (800)	54	46	14	20104-08	20103-866
TBBXAMRM-2033-5	2000	600	3Ø3W	85kA	5 (800)	66	54	14	20104-12	20103-867
TBBXAMRM-2034-5	2000	600	3Ø4W	85kA	5 (800)	66	54	14	20104-12	20103-867
TBBXAMRM-2533-7	2500	600	3Ø3W	85kA	7 (800)	72	50	20	20104-14	20103-868
TBBXAMRM-2534-7	2500	600	3Ø4W	85kA	7 (800)	72	50	20	20104-14	20103-868
TBBXAMRM-3033-8	3000	600	3Ø3W	85kA	8 (800)	72	50	20	20104-14	20103-869
TBBXAMRM-3034-8	3000	600	3Ø4W	85kA	8 (800)	72	50	20	20104-14	20103-869

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanism:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Bonding Strap:** The neutral bonding strap is provided.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.

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Pad-mount | Underground Entry and Bottom Exit

Catalog Number	Amps	Voltage	Phase	SCCR	Lugs (size) per Phase	Dimensions			Cabinet Drawing	Bus Drawing
						H"	W"	D"		
TBPMAMRM-413-1	400	600	1Ø3W	65kA	1 (600)	58	25	14	20104-03PM	20103-855
TBPMAMRM-433-1	400	600	3Ø3W	65kA	1 (600)	58	25	14	20104-03PM	20103-855
TBPMAMRM-434-1	400	600	3Ø4W	65kA	1 (600)	58	25	14	20104-03PM	20103-855
TBPMAMRM-613-2	600	600	1Ø3W	65kA	2 (600)	58	36	14	20104-05PM	20103-840
TBPMAMRM-633-2	600	600	3Ø3W	65kA	2 (600)	58	36	14	20104-05PM	20103-840
TBPMAMRM-634-2	600	600	3Ø4W	65kA	2 (600)	58	36	14	20104-05PM	20103-840
TBPMAMRM-813-2	800	600	1Ø3W	65kA	2 (600)	58	36	14	20104-05PM	20103-856
TBPMAMRM-833-2	800	600	3Ø3W	65kA	2 (600)	58	36	14	20104-05PM	20103-856
TBPMAMRM-834-2	800	600	3Ø4W	65kA	2 (600)	58	36	14	20104-05PM	20103-856
TBPMAMRM-1233-3	1200	600	3Ø3W	85kA	3 (600)	64	46	14	20104-08PM	20103-857
TBPMAMRM-1234-3	1200	600	3Ø4W	85kA	3 (600)	64	46	14	20104-08PM	20103-857
TBPMAMRM-1633-4	1600	600	3Ø3W	85kA	4 (800)	64	46	14	20104-08PM	20103-866
TBPMAMRM-1634-4	1600	600	3Ø4W	85kA	4 (800)	64	46	14	20104-08PM	20103-866
TBPMAMRM-2033-5	2000	600	3Ø3W	85kA	5 (800)	66	54	14	20104-12PM	20103-867
TBPMAMRM-2034-5	2000	600	3Ø4W	85kA	5 (800)	66	54	14	20104-12PM	20103-867
TBPMAMRM-2533-7	2500	600	3Ø3W	85kA	7 (800)	72	50	20	20104-14PM	20103-868
TBPMAMRM-2534-7	2500	600	3Ø4W	85kA	7 (800)	72	50	20	20104-14PM	20103-868
TBPMAMRM-3033-8	3000	600	3Ø3W	85kA	8 (800)	72	50	20	20104-14PM	20103-869
TBPMAMRM-3034-8	3000	600	3Ø4W	85kA	8 (800)	72	50	20	20104-14PM	20103-869

Notes

- **NEC:** Wire bending space meets the National Electric Code requirements per Tables 373-6(A) and 373-6(B)
- **Enclosures:** Cabinets are constructed of aluminum and are NEMA 3R rated for indoor and outdoor use.
- **Locking Mechanism:** The hinged door employs a three-point latch and has provisions for padlocking.
- **Lugs:** 800 MCM line and load lugs are provided in the quantities shown above up to 1200 Amps. 800 MCM lugs are provided 1600 Amps and above.
- **Bonding Strap:** The neutral bonding strap is provided.
- **Wireway:** "UGBX" and pad-mounted, "PM" cabinets, have internal wireways installed on the left for bottom exit on the left. For a wireway on the right side, add "Reverse" to the part number.



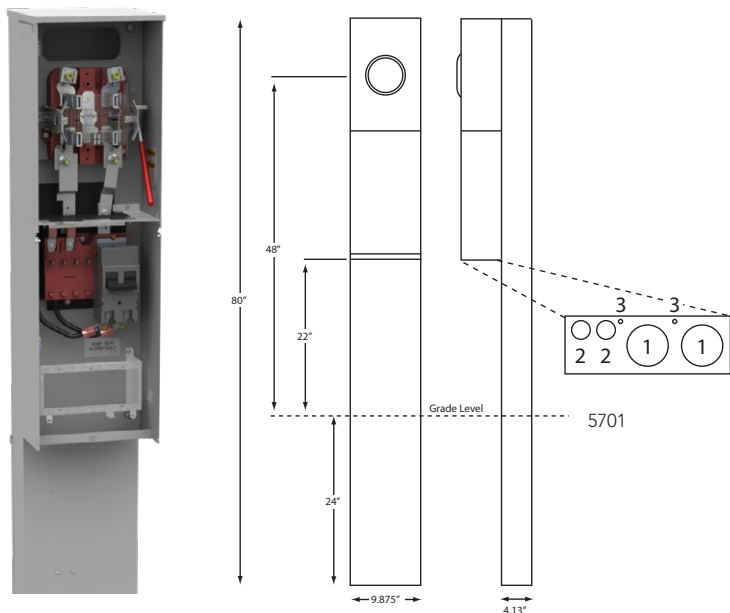
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Meter Main w/ Load Center Pedestal

37

100-200 Amps | 5 Terminals | HD Lever Bypass | Ringless | 120/240V

NEC 2020 Compliant



U5701-O-200S-5T9-AMS

100-200 Amps | 5 Terminals | Meter Main Pedestals | Heavy Duty Lever Bypass | Ringless | 1Ø3W

Catalog Number	Meter Positions	Bypass	Mounting Type	Number or power units	Twin Line Connectors CU/AL	Circuit Provisions	Knockouts		
							1	2	3
U5701-O-100S-5T9-AMS	Single	Lever	D.B. Post	1	#6-350	4	2	¾	¼
U5701-O-200S-5T9-AMS	Single	Lever	D.B. Post	1	#6-350	4	2	¾	¼
U5703-O-100S-5T9-AMS	Single	Lever	Pad	1	#6-350	4	2	¾	¼
U5703-O-200S-5T9-AMS	Single	Lever	Pad	1	#6-350	4	2	¾	¼

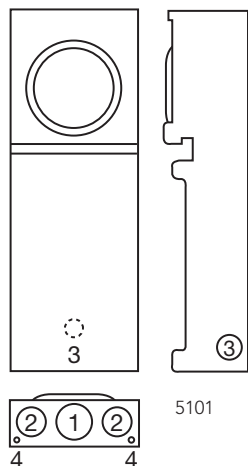
Notes

- **Bypass:** Lever provides clamping action on meter spades and also operates bypass device.
- **Breakers:** Quadplex style breakers may be used in accordance with the NEC. If main breaker is used, there are provisions for two 2-pole breakers or four 1-pole breakers in series.
- **Main Breakers:** For the U5701, use UQFPH-M-100 for the 100 Amps and UQFPH-M-200 for the 200 Amps.
- **Kits:** For 5701 and 5702, order stabilizer kit K5415. For 5703, order pad-mount kit K5035.
- **Receptacles:** If receptacles are required, contact factory for additional kit information. Two outlet devices maximum can be installed.

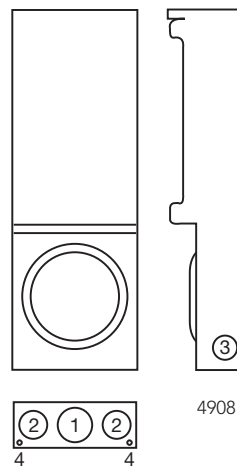
K5415	K5035

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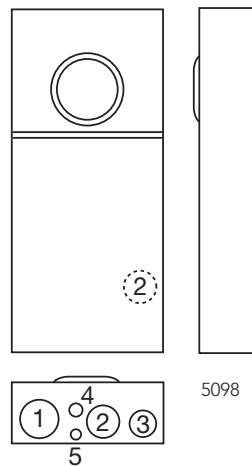




U5101-XL-100MB-11GR



U4908-O-100MB-11GR



5098

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

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U5101-XL-100MB-11GR*	125	OH	C.P.	#6-350	C.B.	5 ³ / ₁₆	8 ⁷ / ₈	25	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—
U4908-O-100MB-11GR*	125	UG	Blank	#6-2/0	C.B.	5 ³ / ₁₆	9	25 ¹⁵ / ₁₆	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄	—
U5098-XL-200S-10GR	200	OH/UG	C.P.	#6-350	C.B.	5 ¹ / ₂	14	32	3	2 ¹ / ₂	2	3 ³ / ₄	1 ¹ / ₂

Notes

- **Interior:** Six-circuit plated copper interior accepts standard plug-in type circuit breakers.
- **Receptacle Bridge:** Three-position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- **Included Parts:** U4908 and U5101 include two 20 Amps 1-pole breakers and two 20 Amps GFCI receptacles (prewired and installed).
- **Breakers:** Main breaker uses two spaces on the interior load center.

*All catalog numbers with designation include a 100 Amps main breaker.



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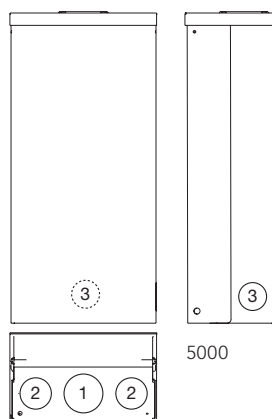
Surface-Mount Power Outlets

39

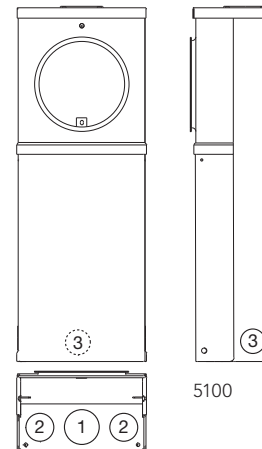
Millennium Series | Metered and Unmetered | 120/240V



U5000-XL-75



U5100-XL-75



125 Amps | Surface-Mount Power Outlets

Catalog Number	Metered/ Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Loop Feed	Connectors - Line	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
U5000-XL	Unmetered	—	—	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-41	Unmetered	A	X	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-55	Unmetered	B	Y	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5000-XL-75	Unmetered	C	Z	Yes	(2) #14-2/0	5¼	9⅞	19¼	2	1½	1¼
U5100-XL	Metered	—	—	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-41	Metered	A	X	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-55	Metered	B	Y	No	#6-250	5¼	9⅞	25	2	1½	1¼
U5100-XL-75	Metered	C	Z	No	#6-250	5¼	9⅞	25	2	1½	1¼

Receptacle Configurations

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

NOTE

Contact factory for additional configurations not shown here.

Circuit Breaker Configurations

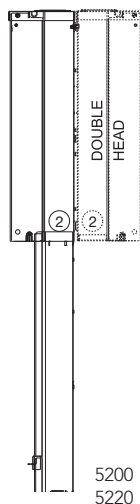
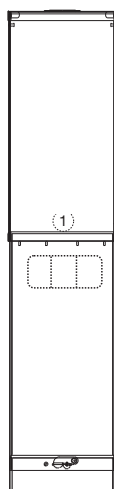
X	Y	Z
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

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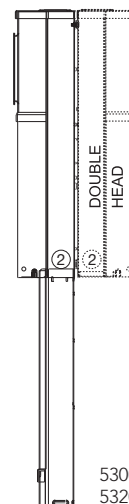
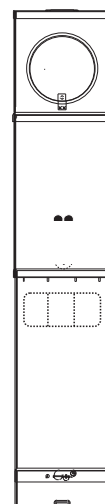




U5200-XL-75

5200
5220

U5300-O-75

5300
5320

125 Amps | Power Outlet Pedestals | Direct Bury

Catalog Number	Double Head Catalog Number	Metered/Unmetered	Receptacle Configuration	Circuit Breaker Configuration	Dimensions			Knockouts
					D"	W"	H"	1
U5200-XL	U5220-XL	Unmetered	—	—	5 ⁵ / ₁₆	9 ⁷ / ₈	64 ¹ / ₂	1 ¹ / ₄
U5200-XL-41	U5220-XL-41	Unmetered	A	X	5 ⁵ / ₁₆	9 ⁷ / ₈	64 ¹ / ₂	1 ¹ / ₄
U5200-XL-55	U5220-XL-55	Unmetered	B	Y	5 ⁵ / ₁₆	9 ⁷ / ₈	64 ¹ / ₂	1 ¹ / ₄
U5200-XL-75	U5220-XL-75	Unmetered	C	Z	5 ⁵ / ₁₆	9 ⁷ / ₈	64 ¹ / ₂	1 ¹ / ₄
U5300-O	U5320-O	Metered	—	—	5 ⁵ / ₁₆	9 ⁷ / ₈	70 ¹ / ₄	1 ¹ / ₄
U5300-O-41	U5320-O-41	Metered	A	X	5 ⁵ / ₁₆	9 ⁷ / ₈	70 ¹ / ₄	1 ¹ / ₄
U5300-O-55	U5320-O-55	Metered	B	Y	5 ⁵ / ₁₆	9 ⁷ / ₈	70 ¹ / ₄	1 ¹ / ₄
U5300-O-75	U5320-O-75	Metered	C	Z	5 ⁵ / ₁₆	9 ⁷ / ₈	70 ¹ / ₄	1 ¹ / ₄

Receptacle Configurations

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

NOTE

Contact factory for additional configurations not shown here.

Pad-mount is available. Contact factory for information.

Circuit Breaker Configurations

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

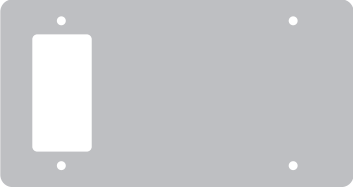
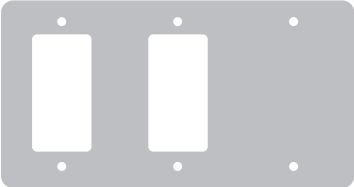
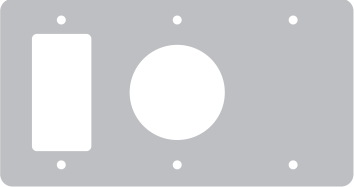
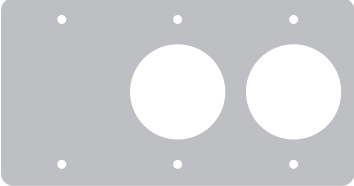
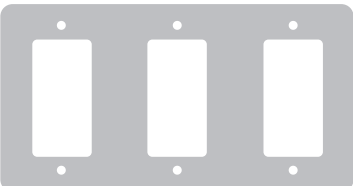
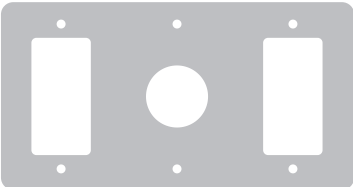


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Replacement Receptacle Plates

For Millennium Series RV Products

41

		
K5920-75	K5920-10GR	K5920-54
		
K5920-11GR	K5920-522	K5920-41
		
K5920-58	K5920-111GR	K5920-BLANK
		
K5920-38		

Notes

- For application details, consult factory.

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

Application	Internal light kit for unmetered power outlets	
Features	Includes 5-watt fluorescent or LED lamps, socket, lamp shield and opaque hinge cover lens. Factory wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately. Cover on unmetered power outlet is 19 $\frac{1}{8}$ " in height.	
Ordering	Order with -L suffix (after catalog number) for factory-installed fluorescent and -LD for factory-installed LED. Order catalog number K5411 for field-installable 5-watt fluorescent lamps. Order catalog number K6212 for field-installable LED lamps.	

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

Application	Internal light kit for metered power outlets	
Features	Includes 5-watt fluorescent or LED lamps, socket, lamp shield and opaque hinge cover lens. Factory wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately. Cover on unmetered power outlet is 15 $\frac{1}{4}$ " in height.	
Ordering	Order with -L suffix (after catalog number) for factory-installed fluorescent and -LD for factory-installed LED. Order catalog number K5412 for field-installable 5-watt fluorescent lamps. Order catalog number K6213 for field-installable LED lamps.	

Photoelectric Light Control Kit

Application	Photoelectric light control kit for K5411, K5412, K6212, K6213 light kits.	
Features	2.5 Amps, 120 VAC photo electrical control wired in series with K5411, K5412, K6212, K6213 light kits.	
Ordering	Order with -LPC suffix for factory-installed fluorescent light and PE control. Order with -LDP suffix for factor installed LED light and PE control Order catalog number K5413 for field-installed.	

WARNING!

Always disconnect power prior to installing these devices.



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Telecom and Pedestal Accessories

43

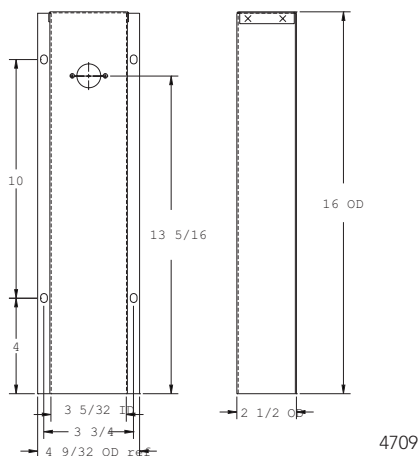
For Millennium Series RV Products

Telephone and Cable TV Kit

Application	Mounts to rear of pedestal series U5200 and U5300 . May also be adaptable to a wooden or similar structure.		
Features	Single: 16" galvanized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack. Dual: 16" galvanized raceway, (2) RJ11 telephone jacks and (1) Type F coaxial CATV jack. Includes mounting hardware and instructions.		
Ordering	Single line telephone and cable TV kit order K4709-02 .	K4709-02-3R	K4709-02
Note	Confirm acceptability with cable TV and telephone provider before ordering or installing these devices.		

Water Shroud with Hardware

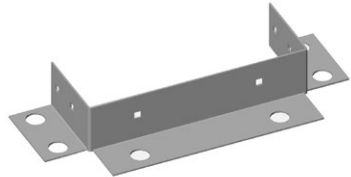
Application	Used to cover water pipe and provide means to mount hose bib to rear of pedestal.	
Features	Includes mounting hardware and instructions. Matches K4709 kits when mounted side by side.	
Ordering	Order catalog number K4709-WS .	



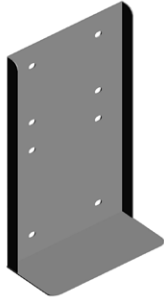
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Field-Installable Pad-mount Kit

Application	Field-installable pad-mount kit with (6) ¾" mounting holes.	
Features	Includes ¼-20 stainless steel hardware to attach pad-mount base to post. Anchor bolt kit sold separately (order catalog number K5421).	
Ordering	Order catalog number K5410 .	

Stabilizer Foot with Hardware

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

Anchor Bolt Kit

Application	Concrete anchor bolt kit designed to attach pad-mount base to concrete.	
Features	(4) sets of zinc-plated ⅝-11 x 10" bolt with 2" toe. Includes nut and flat washer.	
Ordering	Order catalog number K5421 .	

Metering and Receptacle Accessories

45

For Millennium Series RV Products

Field-Installed Meter Kits

Application	Field-installed meter kit for U5000 and U5200 power outlets.	
Features	100 Amps cast meter socket, CL200 E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws. See CL200-D for watthour meter specification.	
Ordering	Order catalog number K4800-D .	

E-Z Read Watthour Meter

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

Single Receptacle Only Power Outlet

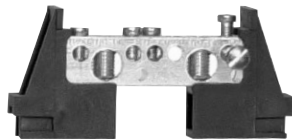
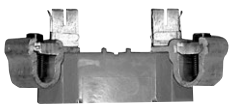
Application	Overhead/underground power outlet receptacle, suitable for RV, temporary service, campground, marina and boatyard equipment.			
Features	NEMA 3R, 120/240V single phase. Lockable cover.			
Ordering	Order catalog number from options below.			
Receptacle Options	 P-10GWR 20A 5-20GR 120V GFI	 P-13 30A TT-30R 120V	 P-54 50A 14-50R 120/240V	

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46 Replacement Parts and Accessories

For Millennium Series RV Products

			
Z918449-AC (19" unmetered) Z918447-AC (15" metered) <i>Hinge cover</i>	Z818052-SC (19" unmetered) Z818480-SC (15" metered) <i>Deadfront</i>	MR-2 <i>Snap action sealing ring</i>	<i>Neutral assembly shown with 2 insulator supports (706230-MO), a ground connector (Z705790-AC) and bonding screw (Z707365-SC)</i>
			
Q120 <i>20 Amps, One-pole circuit breaker</i>	708784-MO <i>20 Amps, One-pole GFI circuit breaker</i>	Q130 <i>30 Amps, One-pole circuit breaker</i>	Q250 <i>50 Amps, Two-pole circuit breaker</i>
			
Z918466-AC <i>Lug landing base</i>	Z917602-AC <i>Circuit breaker base (6-circuit)</i>	Z915141-AC <i>Left or right meter block assembly</i>	
			
Z708080-MO <i>20 Amps GFI receptacle NEMA 5-20GR</i>	Z701776-MO <i>30 Amps receptacle NEMA TT-30</i>	Z708767-MO <i>50 Amps receptacle NEMA 14-50R</i>	



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Pad-mounted Panelboard

47

1200 Amps | 1Ø | 120/240V



CP3B-AUX-1200

Pad-mounted Panelboard

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

Specifications

- **Breakers:** 600 to 1200 Amps, 120/240V, 1Ø distribution bus accepts up to six 2-pole, 200 Amps circuit breakers. Order from chart below.
- **NEC:** Costly main breaker not required per NEC 230-71.
- **Pad-mount:** Economical alternative to costly wall-hung or strut-mounted panelboards and load centers.
- **Placement:** Low profile, aesthetic design can be located near utility transformers or fed from a main service to a convenient location.
- **Details:** Pad-mounted, NEMA Type 3R, powder coated aluminum enclosure. Standard color is gray.
- **Security:** Hinge door and lift off rear service door are lockable and sealable for security.
- **Note:** Consult local code enforcement for pad size requirements. Order **CP-24-PDMNT-CALT** pad-mount base or CP-ABK5/8 anchor bolt kit separately.



UQFP

200 Amps Frame | Plug-In | 10K AIC and 22K AIC | 2-Pole | Common Trip

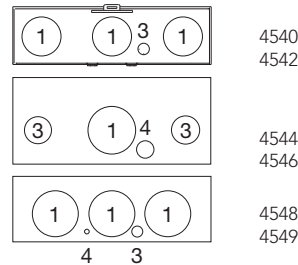
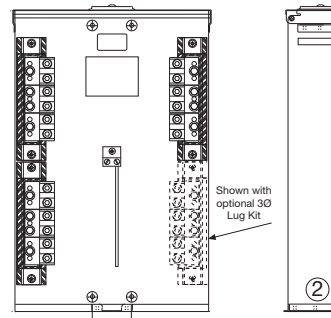
Amps	10K AIC Plug-In	22K AIC Plug-In	Wire Range	
			CU	AL
100	UQFP-100	UQFPH-100	#3-#1	#1-1/0
125	UQFP-125	UQFPH-125	#3-#1	#1-1/0
150	UQFP-150	UQFPH-150	1/0-300	2/0-300
175	UQFP-175	UQFPH-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	1/0-300	2/0-300

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U4540-XL



Terminal Boxes | 120/240V | 1Ø and 3Ø | C.P. Hub

Catalog Number	Amps	Phase	Volts	Connectors CU/AL	1Ø to 3Ø Kit	Dimensions			Knockouts			
						D"	W"	H"	1	2	3	4
U4544-XL	100	1	120/240	(6) #12-1/0	K4543	4 $\frac{1}{8}$	9 $\frac{13}{16}$	18	2	1	$\frac{1}{4}, \frac{1}{2}$	—
U4546-XL	100	3	600	(6) #12-1/0	N/A	4 $\frac{1}{8}$	9 $\frac{13}{16}$	18	2	1	$\frac{1}{4}, \frac{1}{2}$	—
U4540-XL	200	1	120/240	(6) #6-350	K4539	4 $\frac{1}{8}$	14 $\frac{13}{16}$	23	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
U4542-XL	200	3	600	(6) #6-350	N/A	4 $\frac{1}{8}$	14 $\frac{13}{16}$	23	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
U4548-RXL	400	1	120/240	(3) #6-350 or (2) #4-600	K4547	5	15 $\frac{1}{2}$	27	3	3	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$
U4549-RXL	400	3	600	(3) #6-350 or (2) #4-600	N/A	5	15 $\frac{1}{2}$	27	3	3	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

Notes

- **Hub:** Standard hub opening on top with closing plate attached.
- **Features:** UL-listed padlockable NEMA 3R enclosure.
- **3Ø 120/240V Application:** Field-installable lug kit **K4539** converts 1PH 100 Amps and 200 Amps 240V units to 3PH units. 3Ø lug kit converts 1Ø unit to 3Ø unit.



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Multi-Position Tap Boxes

Three Phase

49



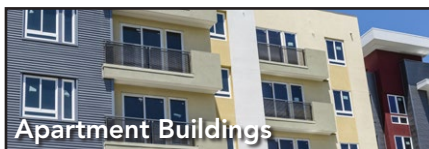
Features

- **Painted Aluminum Construction:** Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder-coat paint finish helps prevent corrosion.
- **Capable of Wall- or Pad-Mounting:** Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- **Smaller Footprint:** The UAP6094 model has a more compact footprint compared with the leading competitor.
- **Multi-port Ground Lugs**
- **Optional Penta Bolt Secured Handle:** Enclosure handle includes a penta bolt locking mechanism (see photos below) for enhanced protection. Does not come standard.



Optional (not standard)

Common Applications



Apartment Buildings



Strip Malls



Housing Developments

Multi-Position Tap Box

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

*Stainless steel pad-mount spacing brackets included.

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Covered Meter Pedestals | Ameren Missouri Only

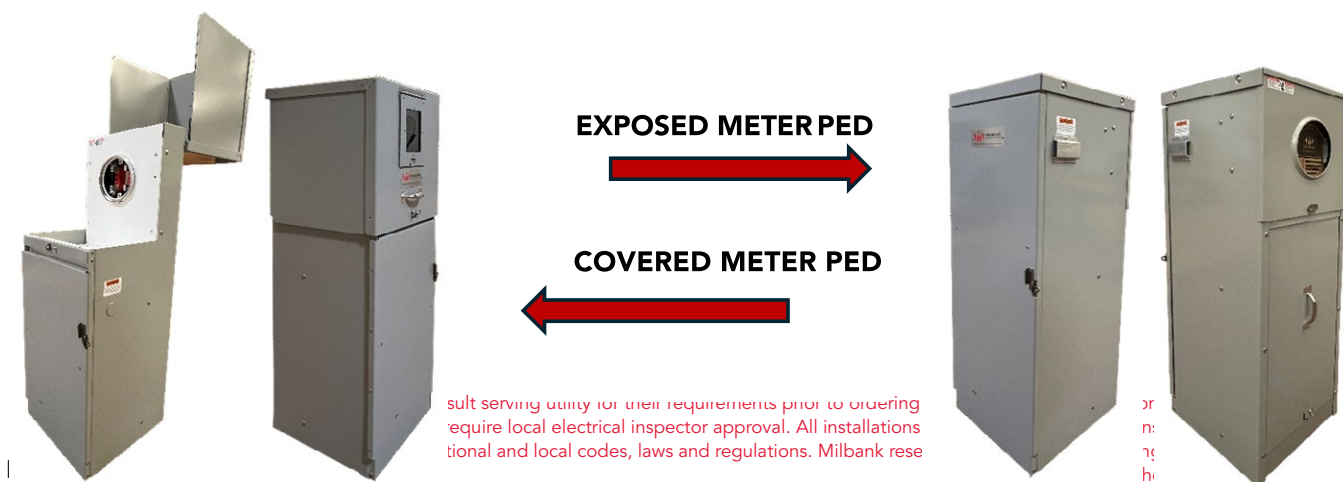
Sales Part Number	Pedestal Size and Material Color	Amps	Volts	Phase	Meter Configuration	Distribution Description
CP3BA4121122APME01	CP3B-A Aluminum ANSI 61 Gray	100	240	1Ø	Ring-Type No Bypass 5T9	100A Main Circuit Breaker with 16 Circuit Load Center
CP3BA4122122APME01		200	240	1Ø		200A Main Circuit Breaker with 24 Circuit Load Center
CP3BA7421122APME01		100	240	1Ø	Ringless No Bypass 5T9	100A Main Circuit Breaker with 16 Circuit Load Center
CP3BA7422122APME01		200	240	1Ø		200A Main Circuit Breaker with 24 Circuit Load Center

Exposed Meter Pedestals | Ameren Illinois Only

Sales Part Number	Pedestal Size and Material Color	Amps	Volts	Phase	Meter Configuration	Distribution Description
CP3BP9421122APME01	CP3B-P Aluminum ANSI 61 Gray	100	240	1Ø	Ringless KK Horn 5T9	100A Main Circuit Breaker with 16 Circuit Load Center
CP3BP9422122APME01		200	240	1Ø		200A Main Circuit Breaker with 24 Circuit Load Center
CP3BP7421122APME01		100	240	1Ø	Ringless No Bypass	100A Main Circuit Breaker with 16 Circuit Load Center
CP3BP7422122APME01		200	240	1Ø		200A Main Circuit Breaker with 24 Circuit Load Center

Non-Metered Pedestals

Sales Part Number	Pedestal Size and Material Color	Amps	Volts	Phase	Meter Configuration	Distribution Description
CP3BE0021122APME01	CP3B-E Aluminum ANSI 61 Gray	100	240	1Ø	NONE	100A Main Circuit Breaker with 16 Circuit Load Center
CP3BE0022122APME01		200	240	1Ø		200A Main Circuit Breaker with 24 Circuit Load Center



Power Distribution & Controls

51

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

Milbank Power Distribution & Controls

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



Strut and Backboard

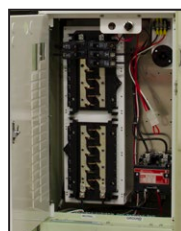
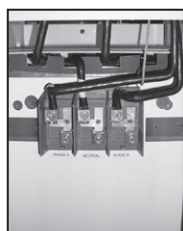


Commercial Pedestal

UL-Listed as Industrial Control Equipment (File E113855)

Standard Features

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



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Applications

These units are ideal for controlling and metering:

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

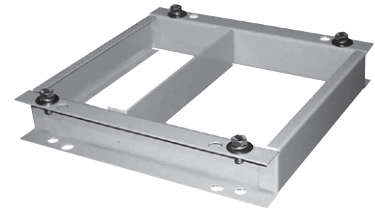
Available Factory-Installed Options

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

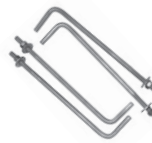
Options

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

Accessories



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



CP-ABK5/8

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



105J

Fifth Terminals kit for use with ring type meter sockets



K3865

Fifth Terminals kit for use with ringless meter sockets



CP-TC7D

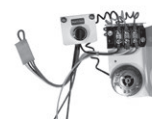
7-day time clock kit

CP-TC24H

24-hour time clock kit

CP-TCWIRE

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



CP-PE-HOA-3POS

HOA switch for field installation



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Application: Remote site service for multiple loads

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

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

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

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for “always on” loads that include a main circuit breaker, 20 (125 or 200 Amps model) or 14 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



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Switched Load Center Commercial Pedestals

1Ø3-wire 120/240V or 208Y/120V

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

Features

These units include everything required for remote site service:

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

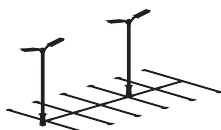


Ringless Lever Bypass shown

Applications



Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



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400 Amps Commercial Pedestals



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

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

Features

These units include everything required for remote service:

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

Applications



Commercial Job Sites



Remote Site for
Residential and
Commercial Job Sites

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Surface-Mount

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

Features

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



Benefits

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

Applications



Communications
Power Distribution



Lighting
Control



Streetscape
Power Distribution



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Battery Backup Commercial Pedestals



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

Features

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

Note

- May require customization based on regional requirements.

Applications



Camera and Security Locations



Parking Lots



Traffic Signals



Communications Power Distribution

Options

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

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

Features

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

Note

- May require customization based on regional requirements.



Applications



Traffic Signals



Pump and Lift
Stations



Communications
Power Distribution



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

Features

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

Note

- May require customization based on regional requirements.

Applications



Commercial and
Industrial Control
Systems



Pump and Lift
Stations



Water Treatment
Plants



Electric Vehicle
Charging Stations

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

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

Features

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



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



Notes

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



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Circuit Breakers

61

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

15-70 Amps Breaker

Plug-In Type — 1" Per Pole

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



QN2200H



QN2200RH



Q250

200 Amps Frame | Plug-In | 10K AIC and 22K AIC — 2-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.

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UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFB-X



UQFB



UQFB-X-MOD

200 Amps Frame | Plug-In | 10K AIC and 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

200 Amps Frame | Bolt-On | 10K AIC and 22K AIC | Two-Pole - Common Trip

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

Notes

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

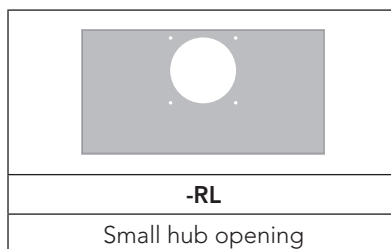


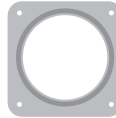
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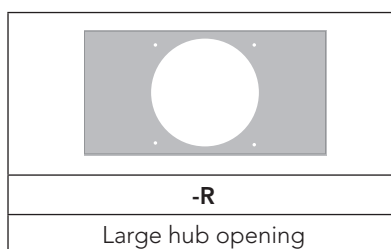
Accessories

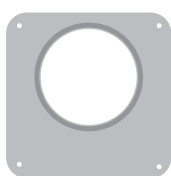
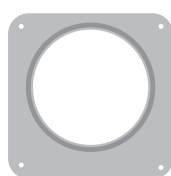
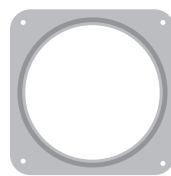
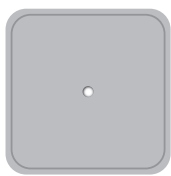
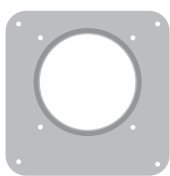
Hubs and Closing Plates

63



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



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

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

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

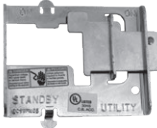
Bypass Link



Closing Covers

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

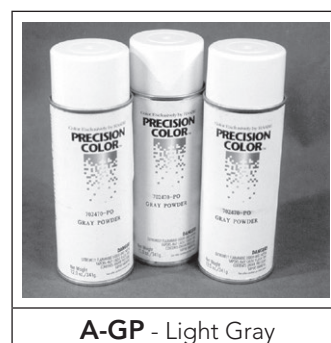
Generator Interlock


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

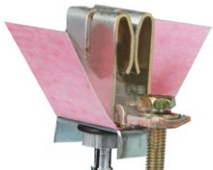
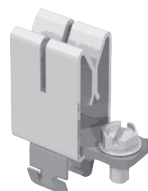
Sealing Rings

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

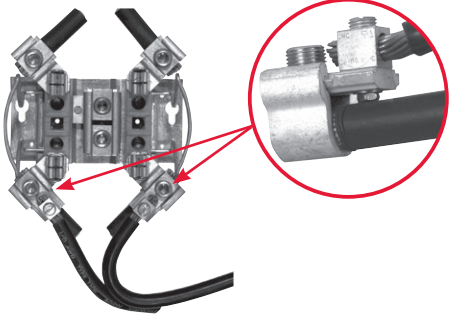
Touch-Up Paint



Fifth Terminals

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

Tap Connectors (3 per set)

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

Triplex Ground


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

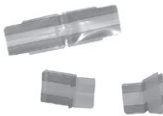
Isolated Neutral Kit


K1047*

Anti-Inversion Clip


K4802

Disconnect Sleeve


M5-144

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

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NEMA Commercial Enclosures

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

Type-1 Enclosures

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

NEMA Type 3R Enclosures

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

Wireways

Milbank's wide range of wireways are available in many styles and sizes and a varied range of fittings allow smooth transitions to and from many manufacturers' products.



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Conduit, Ampacity and SCCR

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Reference Information

MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

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

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

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

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

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

AMPACITY CORRECTION FACTORS

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

GANG SOCKET OVERALL AMPACITIES

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

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

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

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SAMPLE RATING LABEL

CATALOG NUMBERS U6962 & U6963
100A MAXIMUM, 120/240 VAC SINGLE PHASE, THREE WIRE
RAINPROOF NEMA TYPE 3R

SHORT CIRCUIT CURRENT RATING IS 10,000 RMS SYMMETRICAL AMPERE AT 240 VAC MAXIMUM, BUT IS LIMITED TO THE LOWEST SHORT CIRCUIT CURRENT RATING OF ANY INSTALLED CIRCUIT BREAKER. WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT CURRENT RATING. REPLACEMENT CIRCUIT BREAKER MUST BE THE SAME TYPE AND RATING. USE SIEMENS QP, QT; CUTLER-HAMMER QP, BD, BR; SQUARE D HOMELINE; G.E. TG, 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	20 AWG - #14 AWG	120	
LOAD NEUTRAL SLOTTED HEAD (LARGE HOLE)	14 - 10 8 6 - 4 3 - 1/0	35 40 45 50	
LOAD NEUTRAL SLOTTED HEAD (SMALL HOLE)	14 - 10 8 6	20 25 35	

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



MILBANK
ENERGY AT WORK

Important Note

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

Before Energizing

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

When Energizing

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

After Energizing

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

Recommended Torque for General Applications*

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

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



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Materials

Steel Quality

The meter equipment listed in this catalog is made of galvanized steel, American Iron and Steel Institute (AISI) G90.

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 and 6063-O

Aluminum Sheet

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

Copper Sheet and Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fasteners

Zinc-coated with a chromate dip.

Ratings and Compliance

Ratings and Compliance

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

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

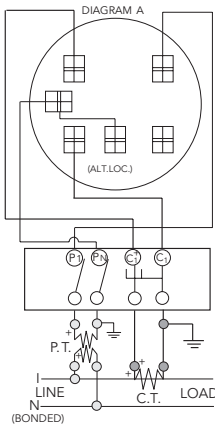


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter (2W1Ø) - Form 4S
5T Socket, Test Switch #TS04-0101

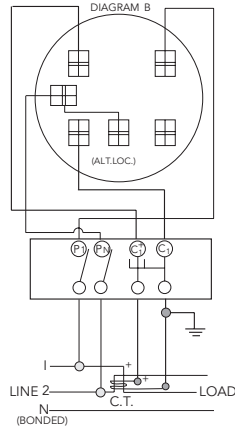


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter (3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

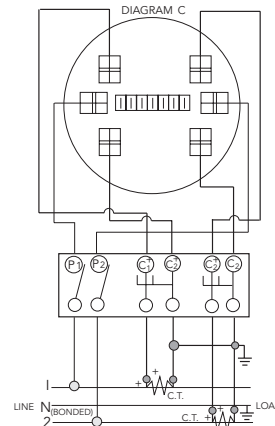


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

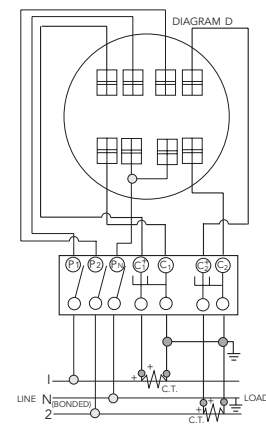


DIAGRAM E
3Ø3W "Δ" with 2 P.T.'s and 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

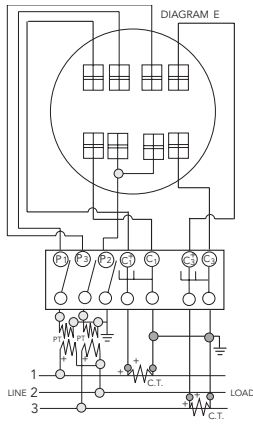


DIAGRAM F
3Ø3W "Δ" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

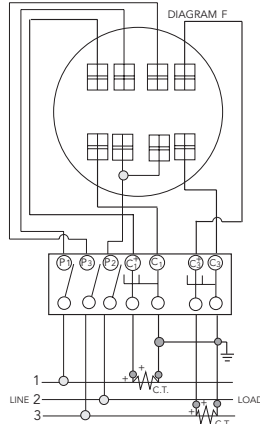


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

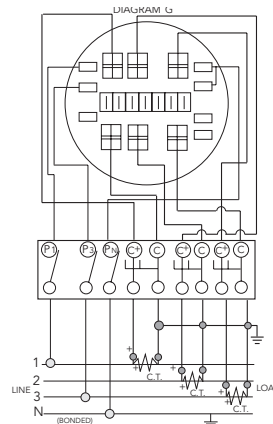


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s and 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

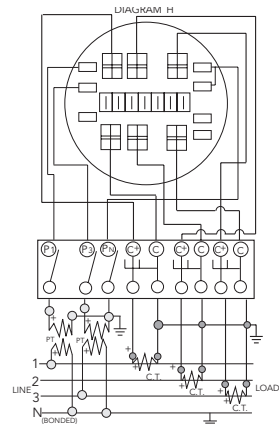


DIAGRAM I
3Ø4W "Y" or "Δ" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"Δ" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

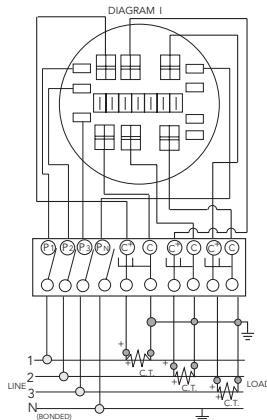
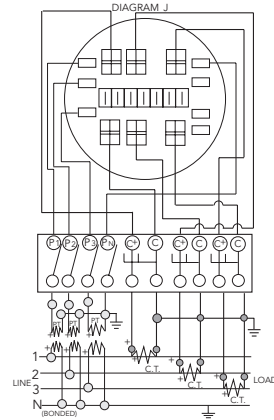


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s and 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



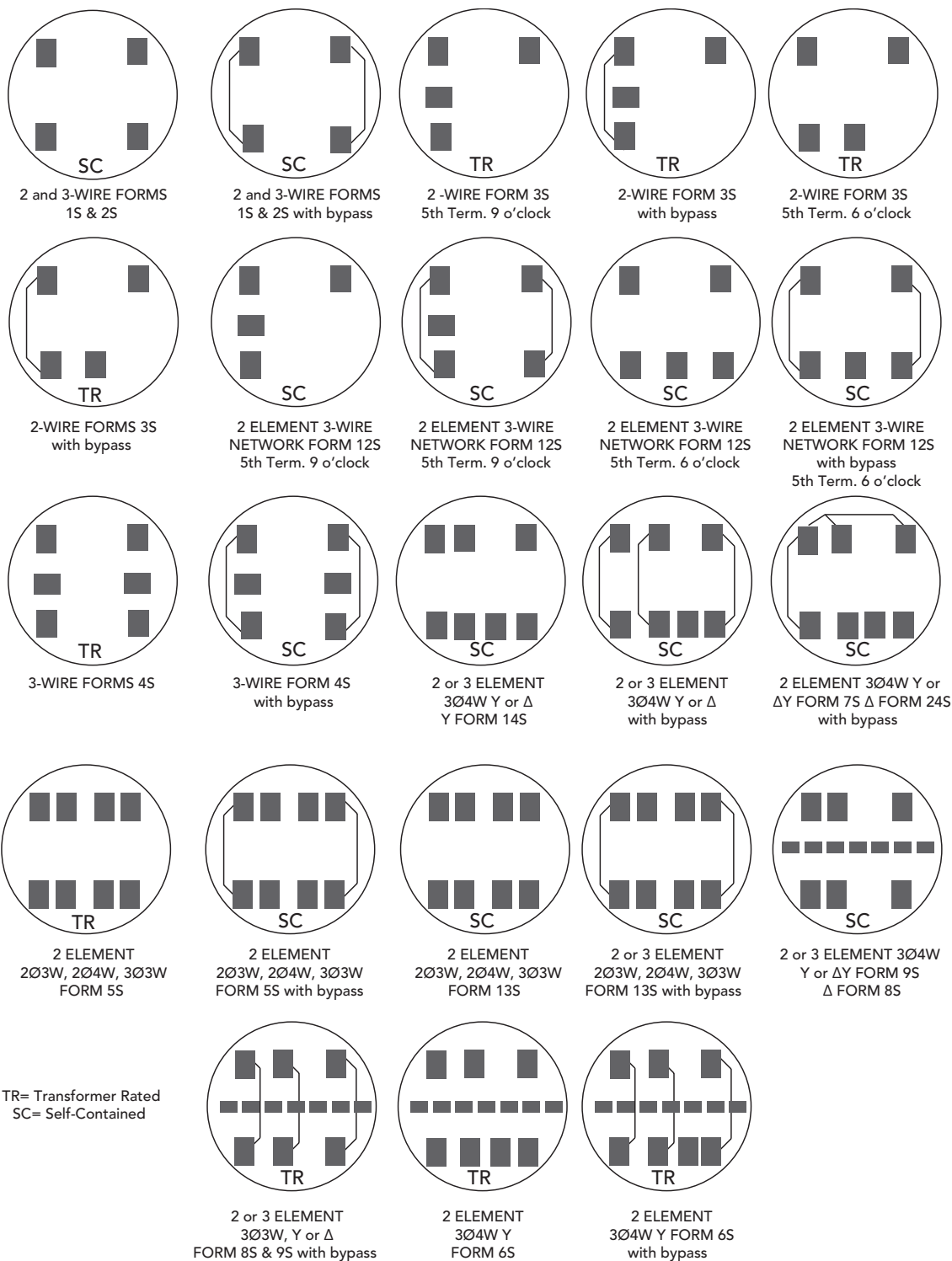
Prewiring

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

Watthour Meter Forms

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Standard Forms | Transformer Rated or Self-Contained



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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
277V	7							
		7-15R	7-20R	7-30R	7-50R	L7-15R	L7-20R	L7-30R

3-Pole | 3-Wire | Special Applications

Straight Blade Wiring Devices				Twist-Lock Wiring Devices		
Volts	Code	20 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 Wiring Devices		
Volts	Code	30 Amps
125V	TT	



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AMRM-1264	28
AMRM-1264PM	32
AMRM-1264UGBX	30
AMRM-1633	28
AMRM-1633PM	32
AMRM-1633UGBX	30
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AMRM-2033PM	32
AMRM-2033UGBX	30
AMRM-2034	28
AMRM-2034PM	32
AMRM-2034UGBX	30
AMRM-2063	29
AMRM-2063PM	33
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AMRM-2533UGBX	30
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		TBPMAMRM-2533-7.....	36	U5220-XL.....	40
		TBPMAMRM-2534-7.....	36	U5220-XL-41	40
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