

# **EVERGY**SERVICE AREA

**Meter Mounting Equipment** 



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

## Milbank Overview

## Energy At Work Since 1927

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



#### Metering

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.



#### **Enclosed Controls**

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our enclosed controls are custom control equipment, engineered and built to your exact specifications. Milbank enclosed 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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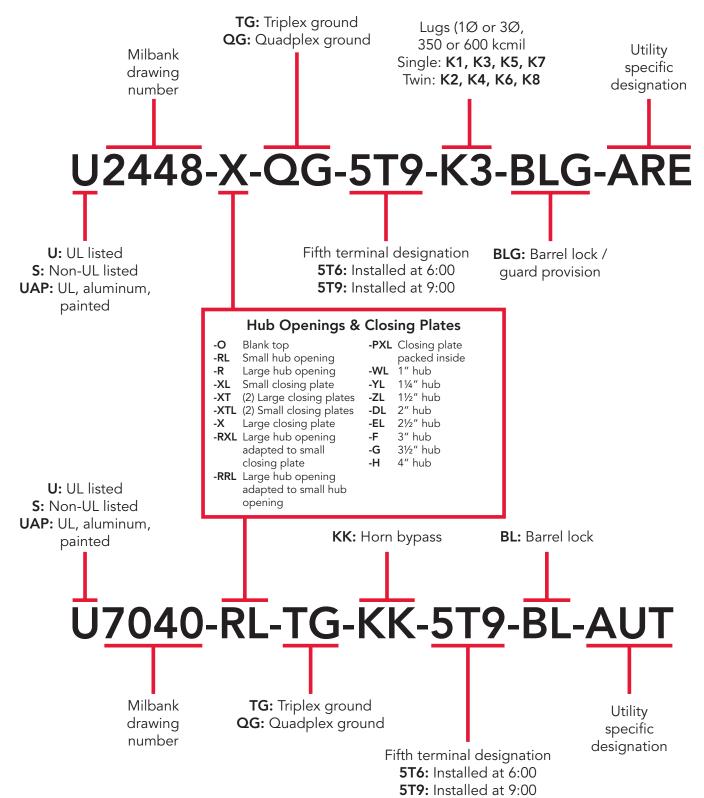
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How Product Catalog Numbers are Derived







## **Air Conditioner Disconnects**

## 30-60 Amps | Fusible and Non-Fusible







U3802 U3812 U3832

Milbank's air conditioner disconnect features a removable hinged cover for easy installation. Our compact design meets NEC wiring space requirements and also complies with NEC Article 440-14. To ensure safe working conditions, our disconnect pullers can be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. Like other Milbank products, our enclosure is constructed of G90U galvanized steel and electrostatically finished with an attractive, light gray baked powder coating. Our epoxy/polyester resin blend provides a durable and fade-resistant finish.

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

Catalog Number	Amps Type		Amps	Max H.P.	Weight		/Load Range	Ground Wire	Dim	ensic	ns	Wire F	Rating
Number			п.г.	(lbs.)	CU	AL	Range CU/AL	D"	W"	Н"	CU °C	AL °C	
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2 1/2	5	7 1/2	60°/75°	60°/75°	
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	2 1/2	5	7 1/2	60°/75°	60°/75°	
U3832	30	Fusible	sible 3 2.5 #14-#3 #14-#3		#14-#3	#14-3	2 1/8	5	7	60°/75°	60°/75°		
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2 1/8	5	9	60°/75°	60°/75°	

#### **Notes**

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





## 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- and tamper-resistant

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

Catalog	Туре	Max	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range	Dimensions			Wire Rating		
Number		H.P.		CU	AL	CU/AL	D"	W"	Н"	CU °C	AL °C	
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	44/5	51/4	72/5	60°/75°	60°/75°	

#### **Notes**

- **Disconnect pullouts:** To ensure the safest conditions, Milbank disconnect pullouts 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).





## **Hot Tub Disconnects**

## NEMA 3R Enclosures



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
- Two extra one-pole breaker spaces
- 100 Amps overall rating
- Easy to install

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

Catalog Number	Breaker Amps	Туре	Weight		Load Range	Ground Wire Range	Dimensions			
Number			(lbs.)	CU	AL	CU/AL	D"	W"	Н"	
U4881-O	-	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3 3/4	71/2	81/2	
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	71/2	81/2	
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	71/2	81/2	



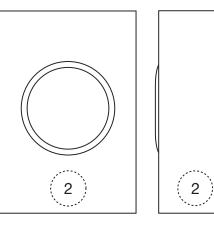


## Single Position Solar Socket



100 Amps | 4 Terminals | 600V







U5934-XL-BLG

3 1 3 5934

### 100 Amps | 4 Terminals | Integral Isolated Neutral Option

Catalog	Socket	Service Huk	Uiik	Connecto	Dii	nensio	ons	Knockouts					
Number	Туре		Hub	Line	Load	D"	W"	Н"	1	2	3	4	
U5934-XL-BLG	Ringless	OH/UG	C.P.	#12-1/0	#12-1/0	35/16	8	111/2	2	11/2	11/4	1/4	

#### **Notes**

- -BLG: Provision for barrel lock guard. Includes knockout and angle bracket.
- **Hubs:** Accepts standard meter socket hubs.
- Construction: Units are NEMA 3R for durable outdoor use, lockable and sealable.
- Connectors: Connectors will accept #12-1/0 conductors.





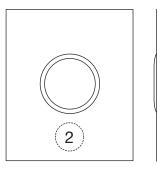
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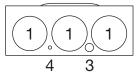
## **Single Position Socket**

100-200 Amps | 5 Terminals | Ringless | 240V



U7043-XL-TG-KK-IL-5T9W







7043

100-200 Amps | 5 Terminals | Horn Bypass | Residential

Catalan Number	Amps Phase		A so seli e esti e se	Connectors	Din	ns	Knockouts				
Catalog Number	Amps	Phase	Application	CU/AL	D"	W"	Н"	1	2	3	4
U7043-XL-TG-KK-IL-5T9W	100	1Ø3W or 3Ø3W	OH/UG	#6-350	421/25	13	151/2	3	21/2	1/2	1/4
U7043-XL-TG-KK-IL-5T9W	200	1Ø3W or 3Ø3W	OH/UG	#6-350	421/25	13	151/2	3	21/2	1/2	1/4

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Fifth terminal: Factory-installed at 9 o'clock position.
- Bypass: The horn-type bypass is factory-installed. This permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- 480V services: For all self-contained 480V services, please refer to Evergy Electric Service Standards for socket specifications.





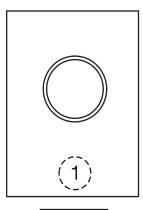
200 Amps | 5-7 Terminals | Ringless | 600V



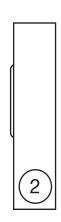
U9551-RXL-5T9-IL



U9701-XL-IL



1,1,1



9551 9701

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

Catalog Number	Terminal	Service	Hub	Connectors	Phase	Dim	nensic	ons		Knoc	kouts	
Catalog Number	Terrinia	Jei vice	пив	CU/AL	rnase	D"	W"	Н"	1	2	3	4
U9551-RXL-5T9-IL	5	OH/UG	C.P.	#6-350	1Ø3W or 3Ø3W	421/25	13	19	3	21/2	1/2	1/4
U9701-XL-IL	7	OH/UG	C.P.	#6-350	3Ø4W	47/8	13	19	3	21/2	1/4,1/2	1/4

#### **Notes**

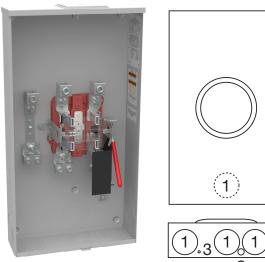
- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Connectors: Extruded aluminum connectors are tin-plated. See Accessories page for lug kits.
- Bypass: The lever operates bypass device and supplies clamping action to meter spades.
- 480V services: For all self-contained 480V services, please refer to Evergy Electric Service Standards for socket specifications.
- \* **U9551** unit includes removable bonding strap for isolated neutral.



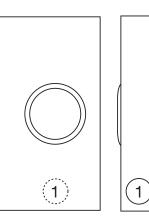


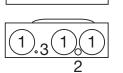
## **Single Position Lever Bypass**

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

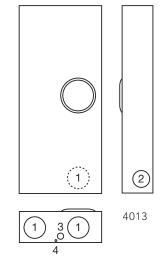


U4702-X-5T9-K3-K2-IL









U4013-X-2/K7-IL

320 Amps | 5 and 7 Terminals | Ringless | Lever Bypass | 600V | Residential and Commercial

4702

Catalog Number	Terminals Phase		Application	Connecto	Dimensions				Knockouts			
Catalog Number	Terminais	Filase	Application	Line	Load	D"	W"	Н"	1	2	3	4
U4702-X-5T9-K3-K2-IL	5	1Ø3W or 3Ø3W	OH/UG	#4-600 or (2) 1/0-250MCM	Twin-#6-350	421/25	15	281/4	3	3	1/2	1/4
U4013-X-2/K7-IL	7	3Ø4W	OH/UG/SW	#4-600 or (2) 1/0-250MCM	#4-600 or (2) 1/0-250MCM	61/2	173/4	401/2	4	3	1	1/4

#### **Notes**

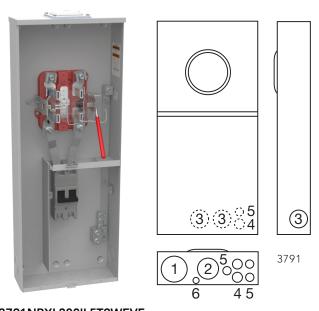
- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Connectors: Extruded aluminum connectors are tin-plated. See Accessories page for lug kits.
- Bypass: The lever operates bypass device and supplies clamping action to meter spades.





Meter Mains 1 3

200 Amps | 5 Terminals | Lever Bypass | Ringless | 240V NEC 2020 Compliant



U3791NRXL200IL5T9WEVE

200 Amps | 5 Terminals | Lever Bypass | 120/240V | Commercial

Catalan Numban	Service	Service	Hub	Connectors	Load	Din	nensi	ons			Knoc	kouts		
Catalog Number		пив	CU/AL – Line	Side	D"	W"	H"	1	2	3	4	5	6	
U3791NRXL100IL5T9WEVE	OH/UG	C.P.	#6-350	СВ	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2	
U3791NRXL150IL5T9WEVE	OH/UG	C.P.	#6-350	СВ	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2	
U3791NRXL200IL5T9WEVE	OH/UG	C.P.	#6-350	СВ	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2	

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Bypass: The lever bypass on the U3791N supplies clamping action on the meter spades and also operates the bypass device (heavy duty).
- Connectors: Extruded aluminum connectors are tin-plated.





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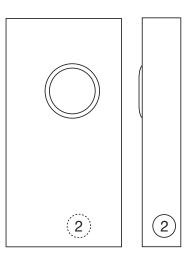
## **Meter Mains**

150-200 Amps | 7 Terminals | Lever Bypass | Ringless | 120/208V

NEC 2020 Compliant

NEC 2020 Compliant





1,4 2 3

5750

U5750-RXL-200-IL-EVE

#### 150-200 Amps | 7 Terminals | Lever Bypass | 120/208V | Commercial

Catalan Number	Amaraa	OH/UG	Phase	Connectors	Di	mensic	ns	AIC	K	nocl	cout	s
Catalog Number	Amps		Filase	CU/AL – Line	D"	W"	Н"	AIC	1	2	3	4
U5750-RXL-150-IL-EVE	150	OH/UG	3Ø4W	#6-350	53/4	173/4	34	10K	4	1	1	1/4
U5750-RXL-200-IL-EVE	200	OH/UG	3Ø4W	#6-350	53/4	3/4	34	10K	4	1	1	1/4

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Bypass: The heavy duty lever-type bypass is factory installed and permits changing and testing of the meter without interrupting customer service when lever is in the raised position.





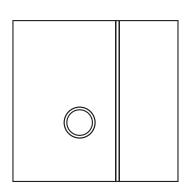
320 Amps | 4-7 Terminals | Ringless | 480V | NEC 2020 Compliant







U6229-X-400-K7L-IL-EVE





6229

320 Amps | 5 Terminals | Heavy Duty Lever Bypass | 480V | Commercial

Catalog Number	Amoras	OH/UG	Breakers	Dimensions				Knock	couts		
Catalog Number	Amps	OH/UG	Phase	breakers	D"	W"	Н"	1	2	3	4
U6227X400K3LIL5T9WEVE	320	OH/UG	1Ø3W	400A	6	361/4	34	4	21/2	1/2	1/4

320 Amps | 7 Terminals | Heavy Duty Lever Bypass | 480V | Commercial

Catalog Number	Amns	OH/UG	Phase	Propleme	Dimensions				Knock	couts	
Catalog Number	Amps	OH/0G	rnase	Breakers	D"	W"	H"	1	2	3	4
U6229-X-400-K7L-IL-EVE	320	OH/UG	3Ø4W	400A	6	361/4	34	4	21/2	1/2	1/4

#### **Notes**

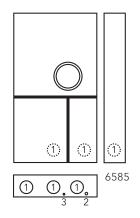
- AIC rating: 22K AIC at 240V; and 10K AIC at 480V.
- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Bypass: The heavy duty lever-type bypass is factory-installed and permits changing and testing of the meter without interrupting customer service when lever is in the raised position.
- 300 Amps breaker: Can be installed from the factory (upon request).



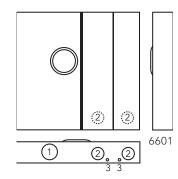


Meter Mains with Lever Bypass
320 Amps | 5 Terminals | Ringless | 240V | NEC 2020 Compliant

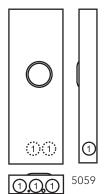




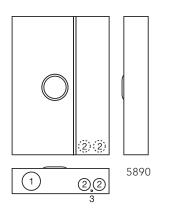




U6585X2200K3L5T9WILEVE



U6601-X-2/200-K3L-5T9-EVE



320 Amps | 5 Terminal | Heavy Duty Lever Bypass | 22K AIC | NEC 2020 Compliant

Catalan Number	Comico	Hub	Connectors CU/AL Breakers		Dimensions			Knockouts		
Catalog Number	Service	пир	Line	breakers	D"	W"	Н"	1	2	3
U6585X2200K3L5T9WILEVE	OH/UG	C.P.	#4-600 or (2) 1/0-250MCM	(2) X 200A	427/32	201/4	45	21/2	1/2,1/4	1/4
U6601-X-2/200-K3L-5T9-EVE	OH/UG	C.P.	#4-600 or (2) 1/0-250MCM	(2) X 200A	6	341/8	35	4	21/2	1/2,1/4

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Breakers: All units come with two, 200 Amps main breakers.
- Short circuit current rating: Rating is 22K AIC. Note, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.

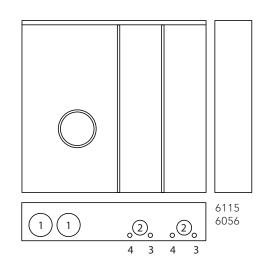




## Meter Mains with Lever Bypass

400 Amps | 7 Terminals | Ringless | 480V | NEC 2020 Compliant





U6056-X-2/200-K7L-IL-EVE

#### 320 Amps | 7 Terminals | Heavy Duty Lever Bypass | Ringless | NEC 2020 Compliant

Catalan Numban	Service	Hub	Connectors CU/AL		Dimensions		Knocko		kouts		
Catalog Number	Service	пив	Line	Breakers	D"	W"	Н"	1	2	3	4
U6056-X-2/200-K7L-IL-EVE	OH/UG	C.P.	#4-600 kcmil or (2) 1/0 - 250	(2) X 200A	7	361/4	34	4	21/2	1/2	1/4

#### **Notes**

- Hubs: For proper hub selection, please contact your local Manufacturers' representative.
- Bypass: The lever supplies clamping action on meter spades and also operates the bypass devices.





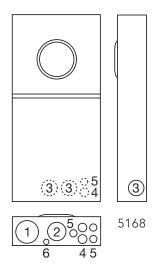
## **Meter Mains with Load Center**

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

NEC 2020 Compliant







100-200 Amps | 5 Terminals | Horn Bypass | Ringless | OH/UG | 120/240V | Residential

Catalan Number	A	Lluk	Connectors	Branch	Dimensions			Knockouts					
Catalog Number	Amps	Hub	CU/AL – Line	Circuits	D"	W"	H"	1	2	3	4	5	6
U5168XL100KKIL5T9WEVE	100	C.P.	#6-350	10	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2
U5168XL150KKIL5T9WEVE	150	C.P.	#6-350	8	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2
U5168XL200KKIL5T9WEVE	200	C.P.	#6-350	8	41/2	141/8	30	3	21/2	2	1	1/2,3/4	1/4,1/2

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- AIC rating: The U5168 are rated 22K AIC when using Siemens QPH (100 Amps) or QNH (200 Amps) breakers.
- Bypass: The horn-type bypass is factory-installed. This permits changing and testing of the meter without interrupting customer service when lever is in the raised position.
- Load side feed through lugs: Included on load center.

#### Generator Interlock (compatible with U5168)



#### **Branch Breaker Chart**

AIC Rating	Amps	Siemens	Cutler Hammer	General Electric	Square D
10k	150-200	QNR	BR (150A only)	_	_
TOK	≤ 125	QP	HQP, BR	THQL, THQL-GF	Homeline
221.	150-200	QNRH	_	_	_
22k	≤ 125	QPH	_	_	_





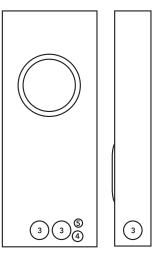
## Meter Mains with Load Center

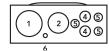
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100-200 Amps | 5 Terminals | Lever Bypass | Ringless | 120/240V NEC 2020 Compliant



U6281-XL-100-IL-5T9W-EVE





6281

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

Catalog Number	Amps Hub		Connectors	Branch	Dimensions			Knockouts					
Catalog Number	Amps	пир	CU/AL – Line	Circuits	D"	W"	Н"	1	2	3	4	5	
U6281-XL-100-IL-5T9W-EVE	100	C.P.	#6-350	10	41/2	141/7	34	3	21/2	21/2	1	3/4	
U6281-XL-150-IL-5T9W-EVE	150	C.P.	#6-350	8	41/2	141/7	34	3	21/2	21/2	1	3/4	
U6281-XL-200-IL-5T9W-EVE	200	C.P.	#6-350	8	41/2	141/7	34	3	21/2	21/2	1	3/4	

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- AIC rating: The U6281 are rated 22K AIC when using Siemens QPH (100 Amps) or QNH (200 Amps) breakers.
- Bypass: The heavy duty lever type bypass is factory-installed. This permits changing and testing of the meter without interrupting customer service when used when lever is in the raised position.
- Load side feed through lugs: Included on load center.

#### Generator Interlock (compatible with U6281)



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





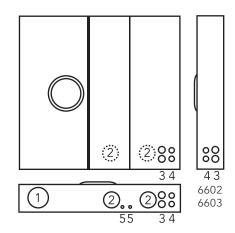


## **Meter Mains with Load Center**

320 Amps | 5 Terminals | Ringless | 240V | NEC 2020 Compliant







U6603-X-2/200-K3L-5T9-EVE

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

320 Amps | 5 Terminals | OH/UG | 1Ø3W | NEC 2020 Compliant

Catalog Number	Hub	Connectors CU/AL	Dunalrana	Load Centers	Dimensions			Knockouts					
Catalog Number	пив	ub Line Breakers		Load Centers	D"	W"	Н"	1	2	3	4	5	
U6602-X-2/200-K3L-5T9-EVE	C.P.	#4-600 or (2) 1/0- 250MCM	(2) X 200A	10 (with feed- through lugs)	6	38	41	4	21/2	1	1/2,3/4	1/4	
U6603-X-2/200-K3L-5T9-EVE	C.P.	#4-600 or (2) 1/0- 250MCM	(2) X 200A	22 (with feed- through lugs)	6	38	41	4	21/2	1	1/2,3/4	1/4	

#### **Notes**

- Hubs: For proper hub selection, see the hub suffix chart on the Accessories page.
- Breakers: All units come with two, 200 Amps main breakers. For branch breakers, please contact your local Manufacturers' representative.
- Short circuit current rating: Rating is 22K AIC. Note, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.





## 200 Amps | 4-7 Terminals | Evergy Approved



U6550

The U6550 requires less space than using a meter socket and disconnect. These are also more aesthetically pleasing with fewer components, allowing for faster installation.

#### **Features**

- Easy installation
- All-in-one socket knife switch combo
- 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 including:
  - o Stainless steel hasp
  - o Isolated neutral
  - o Barrel lock
- SCCR rating of 10K
- UL-listed
- Manufactured in the USA

#### 200 Amps | 4-7 Terminals | Cold Sequence Knife Switch

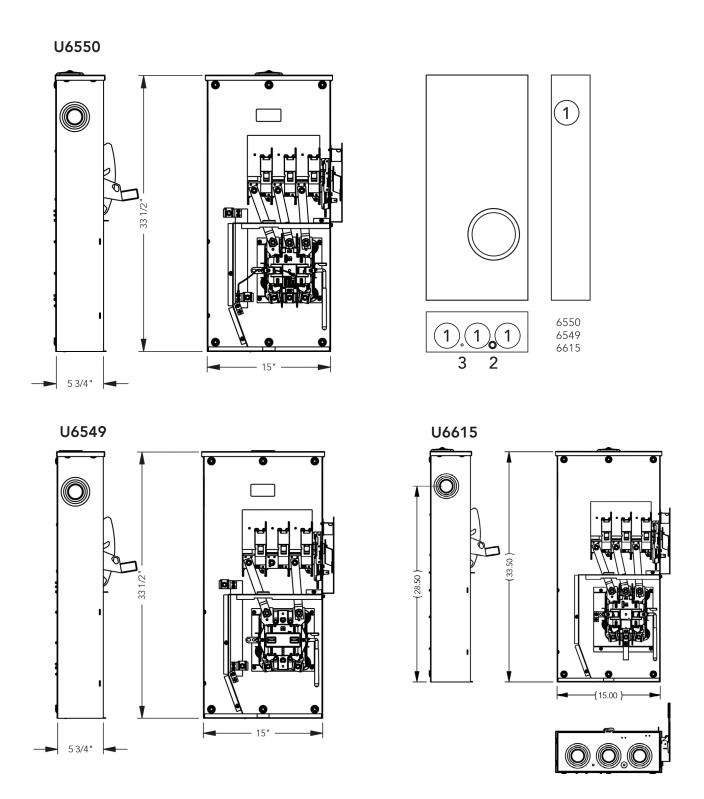
Catalan Number	Terminals	Phase	D	imensio	ns	Knockout			
Catalog Number	Terminais	rnase	D"	W"	Н"	1	2	3	
U6549-XL-200NF-5T9-IL-LG	4 or 5	1Ø3W and Network	53/4	15	331/2	4	21/2	1/2	
U6615-XL-200NF-5T9-IL-LG (Delta)	5	3Ø3W	5¾	15	331/2	4	21/2	1/2	
U6550-XL-200NF-IL-LG	7	3Ø4W	5¾	15	331/2	4	21/2	1/2	





# **Cold Sequence Knife Switch**

200 Amps | 4-7 Terminals | Evergy Approved







## 150-200 Amps | 5 Terminals | Ringless | 300V







U1252-X-5T-K1

#### 150 Amps per Position | 5 Terminals | Multi-Position | Ringless | Residential

Catalan Namban	Destatence	Service	11.4.	Connecto	rs CU/AL	Di	ons	
Catalog Number	Positions	Service	Hub	Line	Load	D"	W"	H"
U1232-X-5T-K1	2	OH/UG	H.O.	#6-350	#6-350	51/8	261/2	14
U1233-X-5T-K3	3	OH/UG	H.O.	#6-350	#6-350	51/8	34¾	14
U1234-X-5T-K3	4	OH/UG	C.P.	#6-350	#6-350	51/8	427/8	16

#### 200 Amps per Position | 5 Terminals | Multi-Position | Ringless | Residential

Catalan Number	Positions	Service	Hub	Connecto	rs CU/AL	Dimensions		
Catalog Number	POSITIONS	Service	пир	Line	Load	D"	W"	H"
U1252-X-5T-K1	2	OH/UG	C.P.	#6-350	#6-350	51/8	261/8	14
U1253-X-5T-K1	3	OH/UG	C.P.	#6-350	#6-350	51/8	34¾	14
U1254-X-5T-K4	4	OH/UG	C.P.	4-600	#6-350	51/8	427/8	16
U1255-X-5T-K4	5	OH/UG	C.P.	4-600	#6-350	51/8	545/8	16
U1256-X-5T-K4	6	OH/UG	C.P.	4-600	#6-350	51/8	62%	18

#### **Notes**

- Knockouts: Knockouts are referenced on the following page.
- Hubs: For proper hub selection, refer to the hub suffix chart on the Accessories page.
- Connector kits: For line side connector kits, see Accessories page.

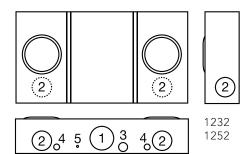


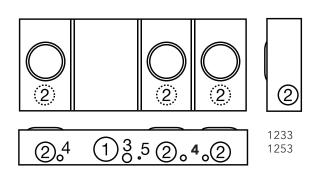


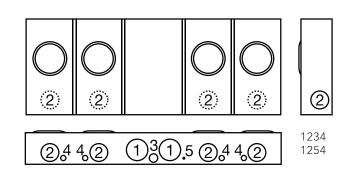
## **Multi-Position Sockets**

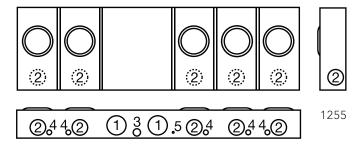
Knockout Information

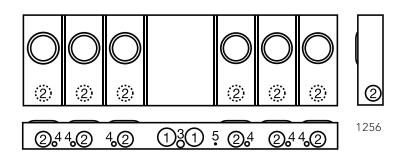
	K	nockou	ts	
1	2	3	4	5
3	21/2	1	1/2	1/4







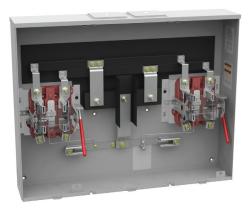








200 Amps | 5 Terminals | Ringless | 300V

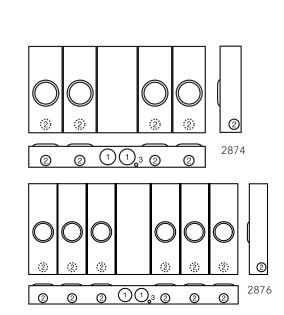


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U2872-XT-5T9

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2873

10,3 @



200 Amps per Position | 5 Terminals | Lever Bypass | Ringless | 300V | Commercial

2875

Catalog Number	Decitions	Comico	Hub	Connectors	CU/AL	Dungag	Di	mensic	ns	ockouts		
Catalog Number	Positions	Service	Tiub	Line	Load	Bypass	D"	W"	Н"	1	2	3
U2872-XT-5T9	2	OH/UG	(2) C.P.	³⁄8" x 16 Studs	#6-350	Lever	6	321/8	251/4	4	21/2	1/4,1/2
U2873-XT-5T9	3	OH/UG	(2) C.P.	³⁄8" x 16 Studs	#6-350	Lever	6	423/16	251/4	4	21/2	1/4,1/2
U2874-XT-5T9	4	OH/UG	(2) C.P.	³⁄8" x 16 Studs	#6-350	Lever	6	521/4	251/4	4	21/2	1/4,1/2
U2875-XT-5T9	5	OH/UG	(2) C.P.	³⁄8" x 16 Studs	#6-350	Lever	6	625/16	251/4	4	21/2	1/4,1/2
U2876-XT-5T9	6	OH/UG	(2) C.P.	3∕8" x 16 Studs	#6-350	Lever	6	723/8	311/4	4	21/2	1/4,1/2

#### **Notes**

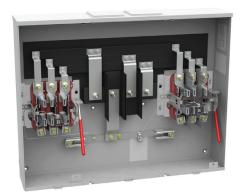
- Hubs: To order additional hubs, refer to the hub suffix chart on the Accessories page.
- Connector kits: For line side connector kits, see Accessories page.
- Bypass: The lever operates bypass device and supplies clamping action to meter spades..

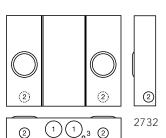


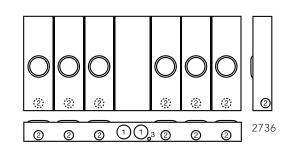


## Lever Bypass Multi-Position Sockets

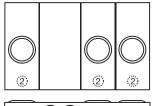
200 Amps | 7 Terminals | Ringless | 300V



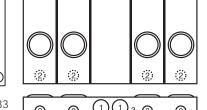




U2732-XT









2735

1 1,3 2

2733

1 1 2 2

 $(1)(1)_3$  @

200 Amps per Position | 7 Terminals | Lever Bypass | Ringless | 300V | Commercial

Catalog Number	Positions	Service	Hub	Connectors	CU/AL	Di	imensic	ns	Kr	ocko	uts
Catalog Number	Positions	Service	Hub	Line	Load	D"	W"	Н"	1	2	3
U2732-XT	2	OH/UG	(2) C.P.	¾8" x 16 Studs	#6-350	6	321/8	251/4	4	21/2	1/4,1/2
U2733-XT	3	OH/UG	(2) C.P.	¾8" x 16 Studs	#6-350	6	423/16	251/4	4	21/2	1/4,1/2
U2734-XT	4	OH/UG	(2) C.P.	¾8" x 16 Studs	#6-350	6	521/4	251/4	4	21/2	1/4,1/2
U2735-XT	5	OH/UG	(2) C.P.	¾8" x 16 Studs	#6-350	6	625/16	251/4	4	21/2	1/4,1/2
U2736-XT	6	OH/UG	(2) C.P.	¾8" x 16 Studs	#6-350	6	723/8	251/4	4	21/2	1/4,1/2

#### **Notes**

- Hubs: Units supplied with two closing plates. To order additional hubs, refer to the hub suffix chart on the Accessories
- Connector kits: For line side connector kits, see Accessories page.
- Bypass: The lever operates bypass device and supplies clamping action to meter spades.





125-200 Amps | 5 Terminals | Ringless | 120/240V

## NEC 2020 Compliant





**Breaker Chart** 

Rating kAIC	Circuit Breakers 125 Amps
10	Siemens: QP. Cutler Hammer: BR, HQP, QPGF Square D/Homeline: GE (50 Amps max) THQL, THQL-GF
22	Siemens: QPH
Rating kAIC	150-200 Amps
10	Siemens: QN
22	Siemens: QNH

U5902-X-KK-K3-5T-KCPL

U5882-X-KK-K3-5T-KCPL

125 Amps per Position | 5 Terminals | Ringless | 120/240V | 22K AIC | Residential

Catalon Number	Positions	Service	Hub	Connectors CU/AL	Di	าร	Weight	
Catalog Number	Positions	Service	пив	Line	D"	W"	Н"	(lbs.)
U5902-X-KK-K3-5T-KCPL	2	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	261/2	30	58
U5903-X-KK-K3-5T-KCPL	3	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	345/9	30	88
U5904-X-KK-K3-5T-KCPL	4	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	414/5	30	107
U5905-X-KK-K3-5T-KCPL	5	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	511/20	30	128
U5906-X-KK-K3-5T-KCPL	6	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	593/10	30	146

200 Amps per Position | 5 Terminals | Ringless | 120/240V | 22K AIC | Residential

Catalan Numban	Positions	Service	Hub	Connectors CU/AL	Di	mensior	ıs	Weight
Catalog Number	Positions	Service	пив	Line	D"	W"	Н"	(lbs.)
U5882-X-KK-K3-5T-KCPL	2	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	261/2	30	58
U5883-X-KK-K3-5T-KCPL	3	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	345/9	30	88
U5884-X-KK-K3-5T-KCPL	4	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	414/5	30	107
U5885-X-KK-K3-5T-KCPL	5	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	511/20	30	128
U5886-X-KK-K3-5T-KCPL	6	OH/UG	C.P.	#4-600MCM or (2)1/0 250MCM	51/8	593/10	30	146

#### **Notes**

- AIC rating: Rating is 22K AIC. Note, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- Hub: Units supplied with one closing plate. To order hubs separately, please contact your local representative.
- Load side connectors: Dependant upon field-installed breaker.
- **Bypass:** The horn-type bypass is factory-installed. This permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.

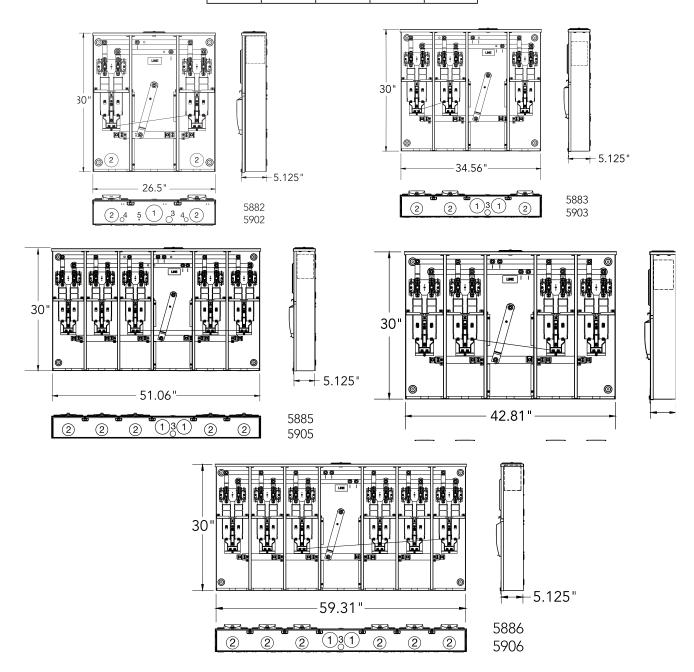




## **Multi-Position Meter Mains**

## Dimensional Information

Knockouts											
1	2	3	4	5							
3	2½	1	7/8	1/4							







200 Amps | Lever Bypass | 240V | NEC 2020 Compliant



**Breaker Chart** 

Rating kAIC	Circuit Breakers 125 Amps
10	Siemens: QP. Cutler Hammer: BR, HQP, QPGF Square D/Homeline: GE (50 Amps max) THQL, THQL-GF
22	Siemens: QPH
Rating kAIC	150-200 Amps
10	Siemens: QN
22	Siemens: QNH

U5972-XT-5T9-BL

200 Amps | 5 Terminals | Ringless | Lever Bypass | Commercial

Catalan Number	Danisiana	Camilaa	Main Bus	Hub	Connectors CU/AL	Din	nension	ıs		Knoc	kout	s
Catalog Number	Positions	Service	Rating	Hub	Line	D"	W"	Н"	1	2	3	4
U5972-XT-5T9-BL	2	OH/UG	320 Amps	(2) C.P.	¾" x 16 Studs	531/32	363/8	34	4	21/2	1	1/2
U5973-XT-5T9-BL	3	OH/UG	480 Amps	(2) C.P.	3%" x 16 Studs	531/32	461/2	34	4	21/2	1	_
U5974-XT-5T9-BL	4	OH/UG	640 Amps	(2) C.P.	3%" x 16 Studs	531/32	571/16	34	4	21/2	1	
U5975-XT-5T9-BL	5	OH/UG	640 Amps	(2) C.P.	3/8" x 16 Studs	531/32	671/8	34	4	21/2	1	
U5976-XT-5T9-BL	6	OH/UG	640 Amps	(2) C.P.	3%" x 16 Studs	531/32	77%16	34	4	21/2	1	

#### **Notes**

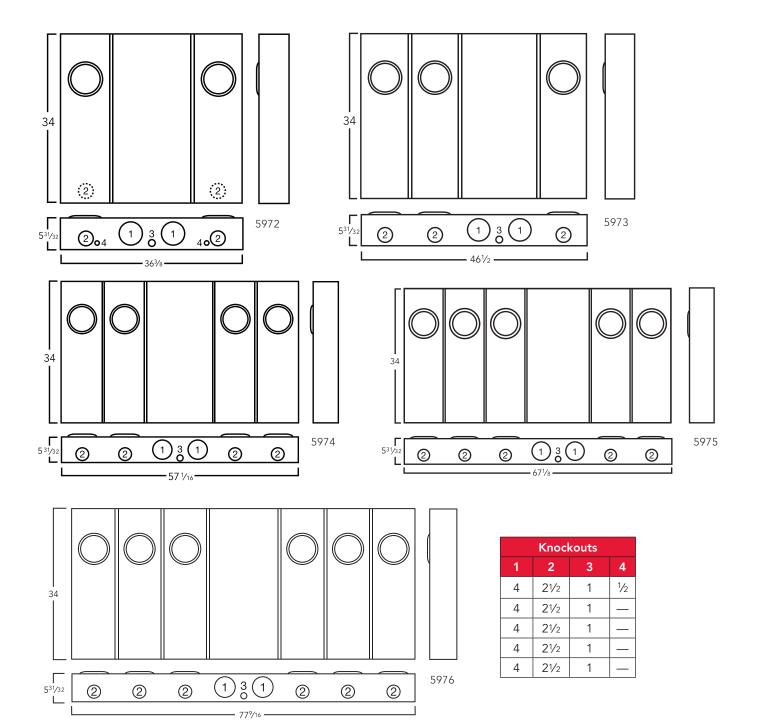
- Knockouts: See drawings on following page.
- Short circuit current rating: All models are rated 22K AlC when used with approved breakers rated at 22K.
- Bypass: These units have locking jaw lever bypass.
- Hubs: Units supplied with two closing plate. To order separately, see the hub suffix chart on the Accessories page.
- Fifth terminal: Fifth terminals are factory-installed in the 9 o'clock position.
- -BL: Barrel lock provision.
- Line side connectors: Socket is supplied with 3/8" 16 hex head nuts with Belleville washers. Separate lug kits are required for line side.
- Load side connectors: Dependant upon field-installed breaker.





## **Multi-Position Meter Mains**

Knockout Information







## **Evergy Approved**



#### **Highlights and Features**

- Three-point latching handle and locking mechanism:
  - o 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. If additional or different size lugs are required, please contact your local Manufacturers' representative.
- Potential tap:
  - o Included on buss
- Grounding lug:
  - o Single position, 350 kcmil.
- Wind-stop latch
- Aluminum shell enclosure
- UL-listed
- NEMA Type 3R
- Aluminum piano-hinged doors
- Includes CT supports and wall-mount brackets.

#### Current Transformer Cabinets | Overhead Service Entry

	i										
Catalan Number	Amana	Voltage	Service	Phase	Fault Current	# of	Lugs	D	imensi	ions	Hinged
Catalog Number	Amps	Voltage	Service	rnase	Rating	Line	Load	Н"	W"	D"	Doors
KCPLM-813	800	600	ОН	1Ø3W	65,000 Amps	3	3	42	24	81/2	Single
KCPLM-833	800	600	ОН	3Ø3W	65,000 Amps	3	3	42	24	81/2	Single
KCPLM-834	800	600	ОН	3Ø4W	65,000 Amps	3	3	42	24	81/2	Single
KCPLM-1233	1200	600	ОН	3Ø3W	85,000 Amps	4	4	48	36	1411/16	Single
KCPLM-1234	1200	600	ОН	3Ø4W	85,000 Amps	4	4	48	36	1411/16	Single
KCPLM-1633	1600	600	ОН	3Ø3W	85,000 Amps	5	5	60	38	1611/16	Single
KCPLM-1634	1600	600	ОН	3Ø4W	85,000 Amps	5	5	60	38	1611/16	Single
KCPLM-2033	2000	600	ОН	3Ø3W	85,000 Amps	6	6	66	42	1411/16	Double
KCPLM-2034	2000	600	ОН	3Ø4W	85,000 Amps	6	6	66	42	1411/16	Double
KCPLM-2533	2500	600	ОН	3Ø3W	85,000 Amps	7	7	72	42	2011/16	Double
KCPLM-2534	2500	600	ОН	3Ø4W	85,000 Amps	7	7	72	42	2011/16	Double
KCPLM-3033	3000	600	ОН	3Ø3W	85,000 Amps	8	8	72	42	2011/16	Double
KCPLM-3034	3000	600	ОН	3Ø4W	85,000 Amps	8	8	72	42	2011/16	Double

Please reach out to your Manufacturers' representative for more information on Milbank's Evergy-approved combination CT cabinet / disconnect units.





## **Current Transformer Cabinets**

**Evergy Approved** 



Current Transformer Cabinets | Underground Service Entry | Underground Exit

		•	•			•					
Catalog Number	Amns	Voltage	Sarvica	Phase	Fault Current	# of	Lugs		Dimens	ions	Hinged
Catalog Number	Amps	voitage	Service	Filase	Rating	Line	Load	Н"	W"	D"	Doors
KCPLM-813UGBX	800	600	UG	1Ø3W	65,000 Amps	3	3	48	36	1411/16	Single
KCPLM-833UGBX	800	600	UG	3Ø3W	65,000 Amps	3	3	48	36	1411/16	Single
KCPLM-834UGBX	800	600	UG	3Ø4W	65,000 Amps	3	3	48	36	1411/16	Single
KCPLM-1233UGBX	1200	600	UG	3Ø3W	85,000 Amps	4	4	54	45¾	1411/16	Double
KCPLM-1234UGBX	1200	600	UG	3Ø4W	85,000 Amps	4	4	54	45¾	1411/16	Double
KCPLM-1633UGBX	1600	600	UG	3Ø3W	85,000 Amps	5	5	66	54	1411/16	Double
KCPLM-1634UGBX	1600	600	UG	3Ø4W	85,000 Amps	5	5	66	54	1411/16	Double
KCPLM-2033UGBX	2000	600	UG	3Ø3W	85,000 Amps	6	6	66	54	1411/16	Double
KCPLM-2034UGBX	2000	600	UG	3Ø4W	85,000 Amps	6	6	66	54	1411/16	Double
KCPLM-2533UGBX	2500	600	UG	3Ø3W	85,000 Amps	7	7	72	50	2011/16	Double
KCPLM-2534UGBX	2500	600	UG	3Ø4W	85,000 Amps	7	7	72	50	2011/16	Double
KCPLM-3033UGBX	3000	600	UG	3Ø3W	85,000 Amps	8	8	72	50	2011/16	Double
KCPLM-3034UGBX	3000	600	UG	3Ø4W	85,000 Amps	8	8	72	50	2011/16	Double

Please reach out to your Manufacturers' representative for more information on Milbank's Evergy-approved combination CT cabinet / disconnect units.





## **Evergy Approved**





#### **Current Transformer Cabinets | Pad-Mounted**

Catalog Number	Amps	Voltage	Service	Phase	Fault Current	# of	Lugs	Dimens		ons	Hinged
Catalog Nulliber	Amps	voitage	Service	Filase	Rating	Line	Load	Н"	W"	D"	Doors
KCPLM-813PM	800	600	UG	1Ø3W	65,000 Amps	3	3	58	36	1411/16	Single
KCPLM-833PM	800	600	UG	3Ø3W	65,000 Amps	3	3	58	36	1411/16	Single
KCPLM-834PM	800	600	UG	3Ø4W	65,000 Amps	3	3	58	36	1411/16	Single
KCPLM-1233PM	1200	600	UG	3Ø3W	85,000 Amps	4	4	64	45¾	1411/16	Double
KCPLM-1234PM	1200	600	UG	3Ø4W	85,000 Amps	4	4	64	45¾	1411/16	Double
KCPLM-1633PM	1600	600	UG	3Ø3W	85,000 Amps	5	5	66	54	1411/16	Double
KCPLM-1634PM	1600	600	UG	3Ø4W	85,000 Amps	5	5	66	54	1411/16	Double
KCPLM-2033PM	2000	600	UG	3Ø3W	85,000 Amps	6	6	66	54	1411/16	Double
KCPLM-2034PM	2000	600	UG	3Ø4W	85,000 Amps	6	6	66	54	1411/16	Double
KCPLM-2533PM	2500	600	UG	3Ø3W	85,000 Amps	7	7	72	50	2011/16	Double
KCPLM-2534PM	2500	600	UG	3Ø4W	85,000 Amps	7	7	72	50	2011/16	Double
KCPLM-3033PM	3000	600	UG	3Ø3W	85,000 Amps	8	8	72	50	2011/16	Double
KCPLM-3034PM	3000	600	UG	3Ø4W	85,000 Amps	8	8	72	50	2011/16	Double

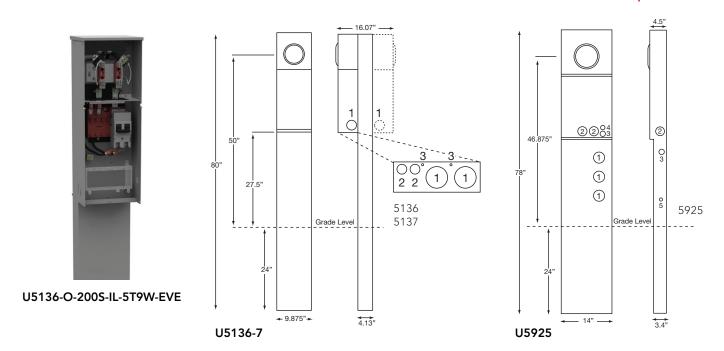
Please reach out to your Manufacturers' representative for more information on Milbank's Evergy-approved combination CT cabinet / disconnect units.





## **34** Meter Main with Load Center Pedestals

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



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

Catalog Number	A	Phase	Load	Application	Di	mensio	ns	Knockouts		
Catalog Number	Amps	rnase	Center	Application	D"	W"	Н"	1	2	3
U5136-O-100S-IL-5T9W-EVE*	100	1Ø3W	4	UG	41/8	911/16	80	2	1/2,3/4	1/4
U5136-O-200S-IL-5T9W-EVE*	200	1Ø3W	4	UG	41/8	911/16	80	2	1/2,3/4	1/4
U5137-O-100S-IL-5T9W-EVE	100 each (double head)	1Ø3W	4	UG	41/8	911/16	80	2	1/2,3/4	1/4
U5137-O-200S-IL-5T9W-EVE	200 each (double head)	1Ø3W	4	UG	41/8	911/16	80	2	1/2,3/4	1/4

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

Catalog Number	A	Phase	Load Center	Amuliantian	Dimensions			Knockouts				
	Amps	Pnase		Application	D"	W"	Н"	1	2	3	4	5
U5925O100KKIL5T9EVE	100	1Ø3W	10	UG	37/16	14	78	21/2	2	1	3/4	1/2
U5925O200KKIL5T9EVE	200	1Ø3W	8	UG	37/16	14	78	21/2	2	1	3/4	1/2

#### Notes

- Stabilizer foot: For field-installable stabilizer foot, order K5415.
- Receptacles: Consult factory for installed receptacle assemblies.
- Short circuit current rating: 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in SCCR.
- Receptacle bridge: Order separately, part K5400-BRIDGE-2POS.
- Extension: For 18-inch stake wireway extension for U5925 pedestals, order K6417.
- **Bypass:** The horn-type bypass is factory-installed. This permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- \*Pad-mount version also available as U5138-O-(AMP)S-IL-5T9W-EVE.



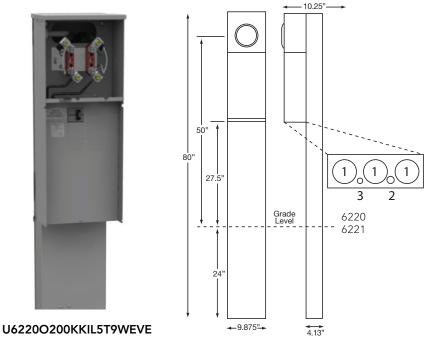


## Meter Main with Load Center Pedestals

35

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

## NEC 2020 Compliant



#### **Breaker Chart**

Rating kAIC	Circuit Breakers 125 Amps
10	Siemens: QP. Cutler Hammer: BR, HQP, QPGF Square D/Homeline: GE (50 Amps max) THQL, THQL-GF
22	Siemens: QPH
Rating kAIC	150-200 Amps
10	Siemens: QN
22	Siemens: QNH

#### 100-200 Amps | 5 Terminals | Horn Bypass | 120/240V | Residential

Catalog Number	A 100 10 G	Amps Phase Load Center		Application	Di	imensio	AIC	
Catalog Number	Amps	rnase	Load Center	Application	D"	W"	H"	AIC
U6220O100KKIL5T9WEVE	100	1Ø3W	10	UG	41/8	911/16	80	22K
U6220O200KKIL5T9WEVE	200	1Ø3W	8	UG	41/8	911/16	80	22K

#### 100-200 Amps | 5 Terminals | Heavy Duty Lever Bypass | 120/240V | Commercial

Catalog Number	A	os Phase Load Center A		Amuliantian	l	AIC		
	Amps Ph	rnase	Load Center	Application	D"	W"	H"	AIC
U6221-O-100-IL-5T9W-EVE	100	1Ø3W	10	UG	43/4	911/16	80	22K
U6221-O-200-IL-5T9W-EVE	200	1Ø3W	8	UG	43/4	911/16	80	22K

#### **Notes**

- Stabilizer foot: For field-installable stabilizer foot, order K5415.
- Receptacles: Factory installation available, contact your local Manufacturers' Representative for more information.
- Pad-mount: For Pad-mount version contact your local Manufacturers' Representative for more information.

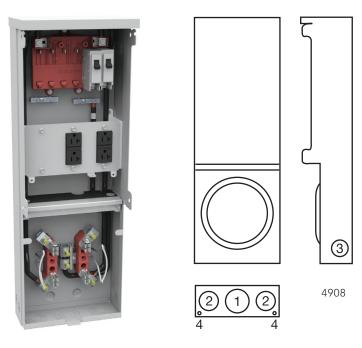




<sup>\*</sup>Up to three receptacles can be factory installed. Consult Milbank to have receptacles installed.

## **Temporary Power Units**

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



U4908-O-11GB-KCPL

#### 125 Amps | 4 Terminals | Ringless

Catalog Number	Service	Hub	Phase	Connecto	Connectors CU/AL			ions	Knockouts			
	Service	пив	rnase	Line L	Load	D"	W"	H"	1	2	3	4
U4908-O-11GB-KCPL*	UG	Blank	1Ø3W	#6-2/0	#6-2/0	53/16	9	2515/16	2	11/2	11/4	1/4

#### Notes

- Interior: Six-circuit plated-copper interior accepts standard plug-in type circuit breakers.
- Receptacle bridge: Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- \*Includes two 20 Amps duplex receptacles with ground fault circuit breakers.





## Three Phase | Aluminum Construction | Wall- or Pad-Mountable







If a penta-bolt locking cover is required, call your local Manufacturers Representative.

## **Features**

#### • Safe and Secure

- o Padlockable, three-point latching mechanism comes standard with all units.
- o Optional (factory-installed) penta-bolt locking mechanism to further protect against power theft.

### • Easy Installation

- o Wall- or pad-mount installation options.
- o Stainless steel hardware kit included for pad-mount installation.
- o Lightweight aluminum enclosure.
- o Select models have a smaller footprint; ideal for applications with limited space.
- NEMA 3R Rated
- Aluminum powder coated
- Multi-port ground lugs

#### **Terminals Boxes**

Cotolon Number	Phase	Position	Maximum	Maximum	D	ns	
Catalog Number	Phase	Lugs	Wire Size	Amperage	D"	W"	H"
UAP6094-O	3	16	500 kcmil	3000 Amps	16	255/8	43
UAP6095-O	3	22	500 kcmil	4000 Amps	16	323/8	43
UAP6096-O	3	14	750 kcmil	3300 Amps	16	2515/16	51

Stainless steel pad-mount spacing brackets included.

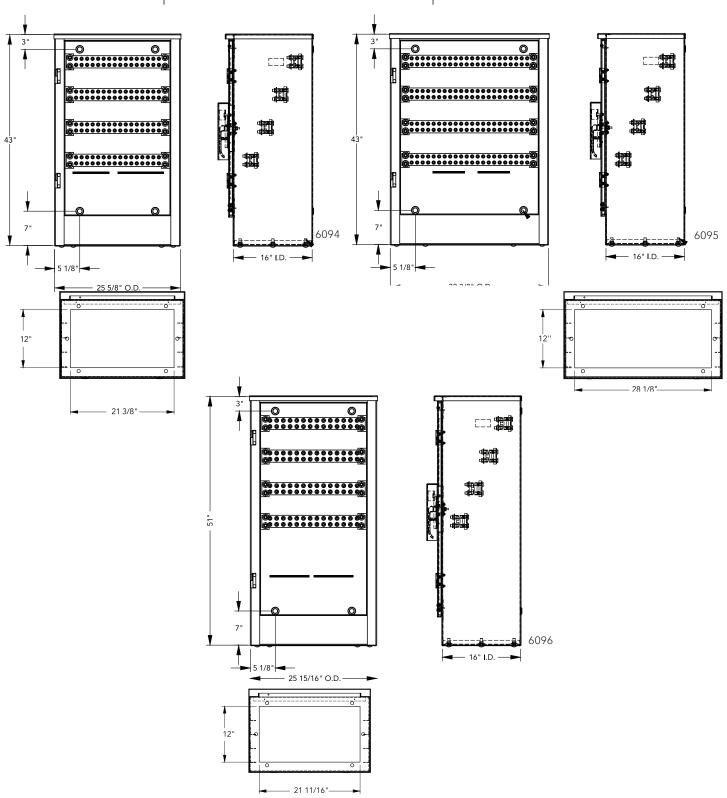




## 38

## **Multi-Position Tap Box**

Three Phase | Aluminum Construction | Wall- or Pad-Mountable



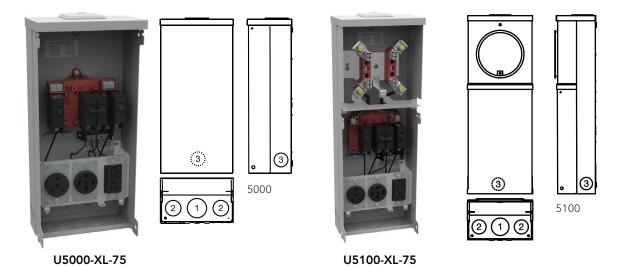




## **Surface Mount RV and Power Outlets**

39

Millennium Series | 120/240V



125 Amps | 120/240V | Surface Mount Power Outlets

Catalog	Metered/	Receptacle	Circuit Breaker	Loop	Connectors	Dir	nensi	ons	Kn	ocko	uts
Number	Unmetered	Configuration	Configuration	Feed	Line	D"	W"	Н"	1	2	3
U5000-XL	Unmetered	_	_	Yes	(2) 1/0-#12	51/2	91/8	191/4	2	11/2	11/4
U5000-XL-41	Unmetered	А	X	Yes	(2) 1/0-#12	51/2	91/8	191/4	2	11/2	11/4
U5000-XL-55	Unmetered	В	Υ	Yes	(2) 1/0-#12	51/2	91/8	191/4	2	11/2	11/4
U5000-XL-75	Unmetered	С	Z	Yes	(2) 1/0-#12	51/2	91/8	191/4	2	11/2	11/4
U5100-XL	Metered	_	_	No	#6-250	51/2	91/8	25	2	11/2	11/4
U5100-XL-41	Metered	Α	X	No	#6-250	51/2	91/8	25	2	11/2	11/4
U5100-XL-55	Metered	В	Y	No	#6-250	51/2	91/8	25	2	11/2	11/4
U5100-XL-75	Metered	С	Z	No	#6-250	51/2	91/8	25	2	11/2	11/4

### **Receptacle Configurations**

Α	В	С	
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI	

## **Circuit Breaker Configurations**

X	Υ	Z
	B+8 B	B+8 8 8
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V

## **NOTE**

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

## **DISCLAIMER**

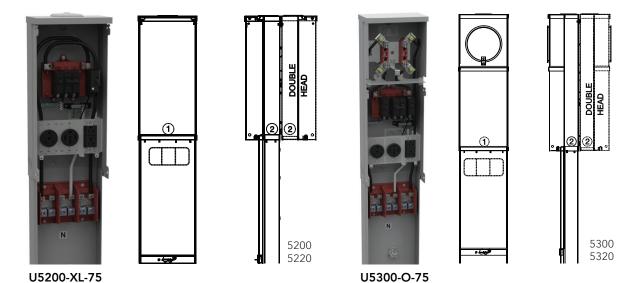
Not meant for utility metered installations.





## **RV Power Outlet Pedestals**

Millennium Series | 120/240V



125 Amps | 120/240V | Power Outlet Pedestals

Catalog	Double Head	Metered/	Receptacle	Circuit Breaker	Di	mensic	ons	Mounting
Number	Catalog Number	Unmetered	Configuration	Configuration	D"	W"	H"	Туре
U5200-XL	U5220-XL	Unmetered	_	_	5%16	91/8	641/2	Direct Burial
U5200-XL-41	U5220-XL-41	Unmetered	А	X	5%16	91/8	641/2	Direct Burial
U5200-XL-55	U5220-XL-55	Unmetered	В	Υ	5%16	91/8	641/2	Direct Burial
U5200-XL-75	U5220-XL-75	Unmetered	С	Z	5 9/16	9 1/8	641/2	Direct Burial
U5300-O	U5320-O	Metered	_	_	5%16	91/8	701/4	Direct Burial
U5300-O-41	U5320-O-41	Metered	А	X	5%16	9 1/8	701/4	Direct Burial
U5300-O-55	U5320-O-55	Metered	В	Y	5%16	9 1/8	701/4	Direct Burial
U5300-O-75	U5320-O-75	Metered	С	Z	5%16	91/8	701/4	Direct Burial

## **Receptacle Configurations**

Α	В	С		
<b>⊘</b>				
(1) TT30R, (1) 5-20R GFI	(1) 14-50R, (1) 5-20R GFI	(1) 14-50R, (1) TT30R, (1) 5-20R GFI		

## **Circuit Breaker Configurations**

X	Υ	Z	
	B+8 8	B+0 0 0	
(1) 30A, 1P, 120V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V	

## **NOTE**

These units are typically used for submetering applications.

Contact factory for additional configurations not shown here.

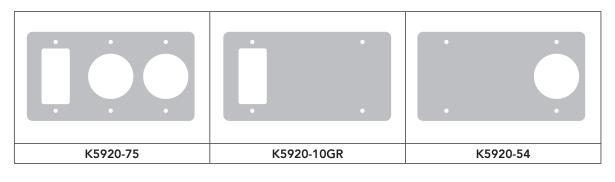
## **DISCLAIMER**

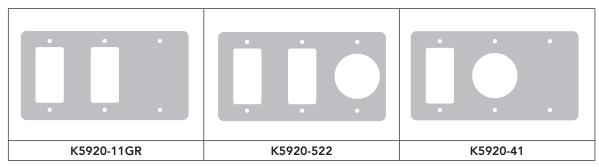
Not meant for utility metered installations.

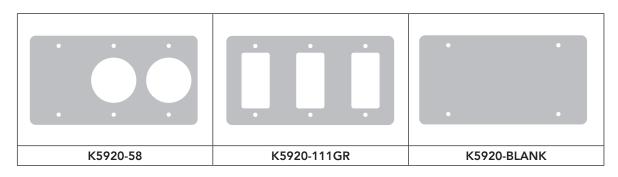


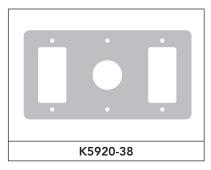


For Millennium Series RV Products









Consult factory for application details.







# **Lighting Accessories**

## For Millennium Series Products

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

Application	Internal light kit for metered power outlets.	4
LED Features	Includes new LED light, lamp shield and opaque hinge cover lens. Factory wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order <b>Q120</b> separately.  Cover on metered power outlet is 151/4" in height.	
Ordering	Order with <b>-LD</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K6213</b> for field-installed.	

Application	Internal light kit for metered power outlets.	
Fluorescent Features	Includes five-watt fluorescent lamp socket, ballast, lamp shield and opaque hinge cover lens. Factory-wired to 20 Amps GFI circuit. May be wired to separate 20 Amps circuit breaker. Order Q120 separately.  Cover on metered power outlet is 151/4" in height.	
Ordering	Order with <b>-L</b> suffix (after catalog number) for factory-installed.  Order catalog number <b>K5412</b> for field-installed.	



## **Photoelectric Light Control Kit**

Application	Photoelectric light control kit for <b>K5412</b> light kits.	
Features	2.5 Amps, 120V photo electrical control wired in series with <b>K5412</b> light kits.	
Ordering	Order with <b>-LPC</b> suffix for factory-installed light and PE control.  Order catalog number <b>K5413</b> for field-installed.	

## **WARNING!**

Always disconnect power prior to installing these devices.





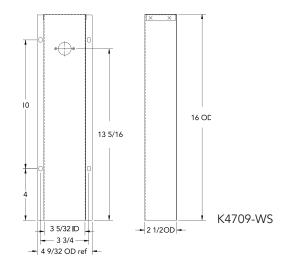
## For Millennium Series Products

## Telephone and Cable TV Kit

Application	Mounts to rear of pedestal series <b>U5200</b> and <b>U5300</b> . May also be adaptable to a wooden or similar structure.	
	Single: 16" galvanized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack.	
Features	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 <b>K4709-02.</b>	
Note	Confirm acceptability with cable TV and telephone provider before ordering or installing these devices.	K4709-02-3R K4709-02

#### Water Shroud with Hardware

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



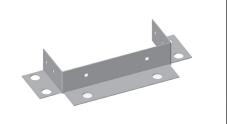


# **Pedestal Mounting Accessories**

For Millennium Series Products

### Field-Installed Pad-Mount Kit

Application	Field-installed pad-mount kit with (6) 3/4" mounting holes.  Includes 1/4-20 stainless steel hardware to attach pad-	
Features	mount base to post.  Anchor bolt kit sold separately (order catalog number <b>K5421</b> ).	
Ordering	Order catalog number <b>K5410</b> .	



### Stabilizer Foot with Hardware

Application	Stabilizes direct burial-type posts in unstable soil conditions.	
Features	Includes ½-20 hardware to attach to <b>U5200</b> and <b>U5300</b> pedestals.	
Ordering	Order catalog number <b>K5415</b> .	

## **Anchor Bolt Kit**

Application	Concrete anchor bolt kit designed to attach pad-mount base to concrete.	
Features	(Four) sets of zinc-plated 5%-11 x 10" bolt with 2" toe. Includes nut and flat washer.	
Ordering	Order catalog number <b>K5421</b> .	



For Millennium Series Products

### Field-Installed Meter Kits

Application	Field-installed meter kit for <b>U5000</b> and <b>U5200</b> power outlets.	
Features	100 Amps cast meter socket, <b>CL-200D</b> E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws.  See <b>CL200-D</b> for Watthour meter specification.	
Ordering	Order catalog number or <b>K4800-D</b> digital meter kit.	<b>K4800-D</b> Digital

## E-Z Read Watthour Meter

Application	200 Amps E-Z read watthour meter designed to be field-installed on the <b>U5100</b> and <b>U5300</b> metered power outlets.	
Features	200 Amps form 2S 120/240V.  Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available.  Remanufactured within 1% accuracy.	CLAMP DATE DIT THE THE STATE AND A LABOR.  FIRST LOSS STATE AND A LABOR.  FOR THE CLASS STATE AND A LABOR.
Ordering	Order catalog number <b>CL200-D.</b>	<b>CL200-D</b> Digital

## Single Receptacle Only Power Outlet

Single Recept	acle Only Power	Outlet		
Application	Overhead/underg suitable for RV, te marina and boaty	mporary service, o	let receptacle, campground,	
Features	Type 3R, 120/240 Lockable cover. Breaker not include		box).	1 Mary
Ordering	Order catalog nur	mber from chart b	elow.	
Receptacle Options	P-10GWR 20A 5-20GR 120V GFI	P-13WR 30A TT-30R 120V	P-54WR 50A 14-50R 120/240V	ANGER / F LIGRO  DO FILCTURE ROOK OF BINN  ISSN 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-

## **WARNING!**

Always disconnect power prior to installing these devices.



## Replacement Parts and Accessories

For Millennium Series Products



**Q120** 20 Amps, 1 pole circuit breaker



**708784-MO** 20 Amps, 1 pole GFI circuit breaker



**Q130** 30 Amps, 1 pole circuit breaker



**Q250** 50 Amps, 2 pole circuit breaker



**Z918466-AC** Lug landing base



**Z917602-AC**Circuit breaker base (6-circuit)



**Z915141-AC**Left or right meter block assembly



**Z1002769**Ground assembly for unmetered version



Z918449-AC (19" unmetered) Z918447-AC (15" metered) Hinge cover



Z818052-SC (19" unmetered) Z818480-SC (15" metered) Deadfront



MR-2 Snap action sealing ring



**Z708080-MO** 20 Amps GFI receptacle NEMA 5-20GR



**Z701776-MO** 30 Amps receptacle NEMA TT-30



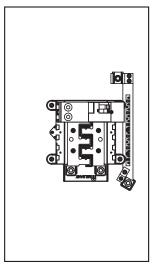
**Z708767-MO** 50 Amps receptacle NEMA 14-50R



200 Amps | 120/240V



U5971-XL-200



	3 4
1 2	400
5	3 4



5971

#### **Breaker Chart**

Rating kAIC	Circuit Breakers 125 Amps
10	Siemens: QP. Cutler Hammer: BR, HQP, QPGF Square D/Homeline: GE (50 Amps max) THQL, THQL-GF
Rating kAIC	150-200 Amps
10	Siemens: QN

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

Catalan Numban	Main Breaker	Cinavita	Comileo	Cinavita Camilaa	Llock		Dimensi	ons		k	Cnocko	outs	
Catalog Number	Amps	Circuits	Service	Hub	D"	W"	Н"	1	2	3	4	5	
U5971-XL-100	100	10	OH/UG	C.P.	41/2	141/8	251/16	3	2	1	1/2,3/4	1/4,1/2	
U5971-XL-150	150	8	OH/UG	C.P.	41/2	141/8	251/16	3	2	1	1/2,3/4	1/4,1/2	
U5971-XL-200	200	8	OH/UG	C.P.	41/2	141/8	25 1/16	3	2	1	1/2,3/4	1/4,1/2	

### Notes

- AIC rating: This units are rated 10K AIC.
- Breaker interlock: U5971 accepts breaker interlock kits. Order K5815 for large QN with small frame Q, K5820 for large frame QN with large frame QN or K5830 for small frame Q.



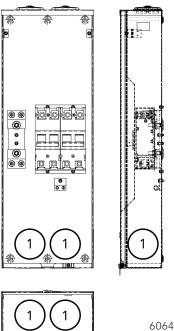


# Milbank 2-200 Amps Breaker Enclosure

U6064 Series











U4569-XL-100

## **Specifications**

- 120/240V, 1Ø applications
- UL-listed
- Available for two **UQFB** style breakers in any combo of 100, 150, 200 Amps
- 10K AIC rated
- Removable front cover and deadfront
- Type 3R 16-gauge G90 galvanized steel shell
- Light gray polyester powder coat finish

## 100-200 Amps | Breaker Enclosures | 120/240V | 1Ø

Catalog	Service	Hub	Dimensions			Knockouts		
Number	Service III	пир	D"	W"	Н"	1		
U6064-XTL-100-100	ОН	(2) C.P.	4 27/32	11	31	3		
U6064-XTL-150-150	ОН	(2) C.P.	4 27/32	11	31	3		
U6064-XTL-200-200	ОН	(2) C.P.	4 27/32	11	31	3		

100-200 Amps | Circuit Breakers

10K AIC	A	Wire I	Range		
Bolt-On	Amps	CU	AL		
UQFB-100	100	#3-#1	#1-1/0		
UQFB-150	150	1/0-300	2/0-300		
UQFB-200	200	1/0-300 2/0-30			

100-200 Amps | Breaker Enclosures | 120/240V | 1Ø

Cotolon Number	Service	Service Hub	Dim	Knockouts		
Catalog Number		пир	D"	W"	H"	1
U4569-XL-100	ОН	СР	4 27/32	11	31	3
U4569-XL-150	ОН	СР	4 27/32	11	31	3
U4569-XL-200	ОН	СР	4 27/32	11	31	3

### Notes

• Application: To be used in conjunction with 320 Amps, single phase meter sockets or when the utility requires a separate enclosure for the meter socket and main breaker.





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







UQFP-M UQFPH-M



**UQFB-X1** 



**UQFBH** 

## 100-200 Amps Frame | 120/240V | Plug-In | 10K AIC and 22K AIC | 2-Pole - Common Trip

A	10K AIC Diverse	22K AIC Diverte	10K AIC	22K AIC	Wire Range		
Amps	10K AIC Plug-In	22K AIC Plug-In	Plug-In	Plug-In	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	
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300	

## 100-200 Amps Frame | 120/240V | Bolt-On | 10K AIC and 22K AIC | 2-Pole - Common Trip

Amus	10K AIC	22K AIC	10K AIC 22K AIC Bolt-On Bolt-On		Wire R	lange
Amps	Bolt-On	Bolt-On			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
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: (Two) 1/0-300 lugs provided on load and line side (cable-in, cable-out).

• **UQFB3:** Three-pole available. Consult factory.

• UQFB-X: (Two) 1/0-300 lugs provided on load side and (two) line bar bus connections on line side.

• UQFB-M: For series main circuit breaker applications. Split load tab features allow for feed-through capability.

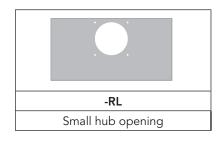


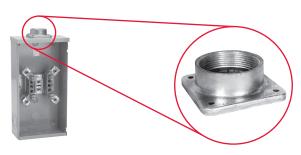


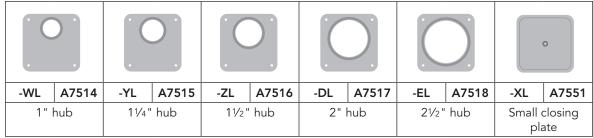


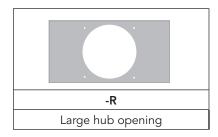
## **Accessories**

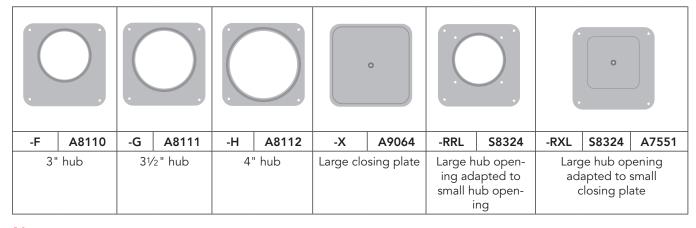
## Hubs and Closing Plates











### **Notes**

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





## Connector Kits and Closing Kits

### Connector Kits — For Use with %"-16 Stud Type Units Only

#### Single **Suffix** Part # (3 per set) - 1Ø **Suffix** Part # (3 per set) - 1Ø 6-350 K1539 K2 K1350 6-350 Κ1 КЗ K1540 4-600 or (2) 1/0-250\* K2L K1350L 6-350 (non-rotating) 4-600 or (2) 1/0-250\* K3L K1540L Κ4 K1541 4-600 (non-rotating) **Suffix Suffix** Part # (4 per set) - 3Ø Part # (4 per set) - 3Ø K5 K3082 6-350 Κ6 K3442 6-350 Κ7 K3441 4-600 or (2) 1/0-250\* K8 K3083 4-600

ANSI-61-Gray



### **Closing Covers**



### **Tap Connector**



K4977-INT - Interior Load Tap Connector

#### **Disconnect Sleeve**



Do not use with lever bypass sockets

### **Bypass Link**



### Note

Consult factory for proper connector kits for studded meter sockets.





<sup>\*</sup>For (two) 1/0-250, conductors must be of same size.

## **Accessories**

## Fifth Terminals, Isolated Neutrals and Anti-Inversion Clip

#### Fifth Terminals

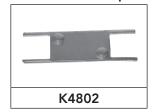


<sup>\*</sup>Consult factory for correct fifth terminal.

#### **Isolated Neutral Kit**



## **Anti-Inversion Clip**



<sup>\*</sup>Isolated neutrals are specific to the meter socket. Consult factory for correct isolated neutral.

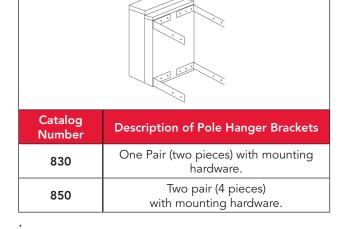
### **Triplex Ground**



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

## Pole Hanger Kit

850 comes with four pole hangers







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## **Block Assemblies**

## 100 Amps Blocks (Single Sockets Only)



**BL7474** - Block assembly

**BL7499** - Horn bypass block assembly

**Z904486-AO** - Slotted nut assembly

**Z903274-AO** - Horn bypass nut assembly

Z802965-AC - Neutral without nut

**Z901925-AC** - Hex nut set screw

### 200 Amps Blocks (Single Sockets Only)





K4527 - Internal hex block assembly (with meter support)

K4528 - External hex block assembly (with meter support)

K4529 - Internal hex horn bypass block assembly with meter support)

K4530 - External hex horn bypass block assembly (with meter support)

**Z916265-AO** - Internal nut assembly

**Z916264-AO** - External nut assembly

Z814898-AC - Neutral without nut



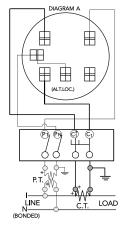


## **Meter Forms**

## Reference Information

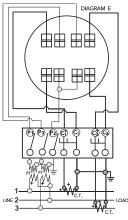
#### DIAGRAM A

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



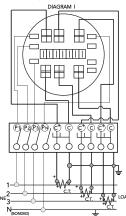
#### DIAGRAM E

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



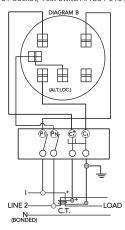
### DIAGRAM I

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



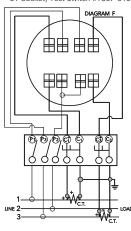
#### DIAGRAM B

1**Ø**3W with 1 C.T. Single Stator Meter (2W1**Ø**) - Form 3S 5T Socket, Test Switch #TS04-0101



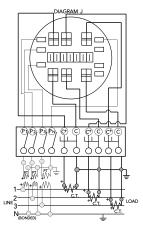
#### DIAGRAM F

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



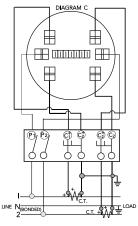
#### DIAGRAM J

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



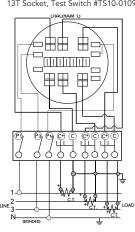
#### DIAGRAM C

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



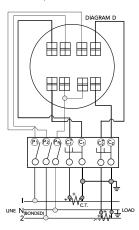
#### DIAGRAM G

3**Ø**4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



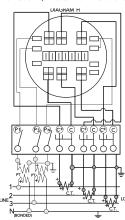
#### DIAGRAM D

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



#### DIAGRAM H

3**Ø**4W "Y" with 2 P.T.'s and 3 C.T.'s 2 ½ Stator Meter - Form 6S 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.





## Reference Information

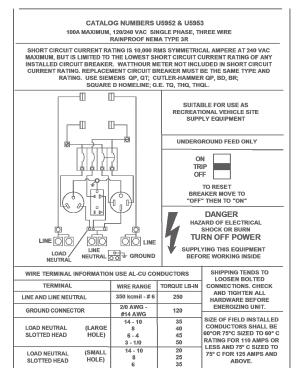
#### MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

	Conductor Size Conduit Trade Sizes (Inches)										
Туре	Conductor Size				ondu	it Trac	e Size	es (Inc	hes)		
Type	(AWG/kcmil)	1/2	3/4	1	11/4	11/2	2	21/2	3	31/2	4
	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
THHN,	4	1	2	4	7	10	16	23	36	48	62
THWN,	3	1	1	3	6	8	14	20	31	41	53
THWN-2	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
	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
XHH,	2/0	0	1	1	2	3	6	9	13	18	23
XHHW,	4/0	0	1	1	1	2	4	6	9	12	16
XHHW-2	250	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	3	6	7	10
	500	0	0	0	1	1	1	2	4	5	7
	750	0	0	0	0	1	1	1	3	4	5

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

#### SAMPLE RATING LABEL



## \* ALLOWABLE AMPACITES OF INSULATED COPPER &

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

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

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

#### AMPACITY CORRECTION FACTORS

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

#### GANG SOCKET OVERALL AMPACITIES

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

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





<sup>†</sup> 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.

<sup>#</sup> 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.

## **Energization of Electrical Equipment**

Important Information for Installers

## **Important Note**

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

## **Before Energizing**

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

## When Energizing

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

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

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





## **Materials and Finishes**

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## Reference Information

## **Materials**

## **Steel Quality**

The meter equipment listed in this catalog is made of galvanized steel (AISI\* G90) to maximize weather resistance.

## 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 Manufacturers' representative.

## **Metal Fastners**

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).

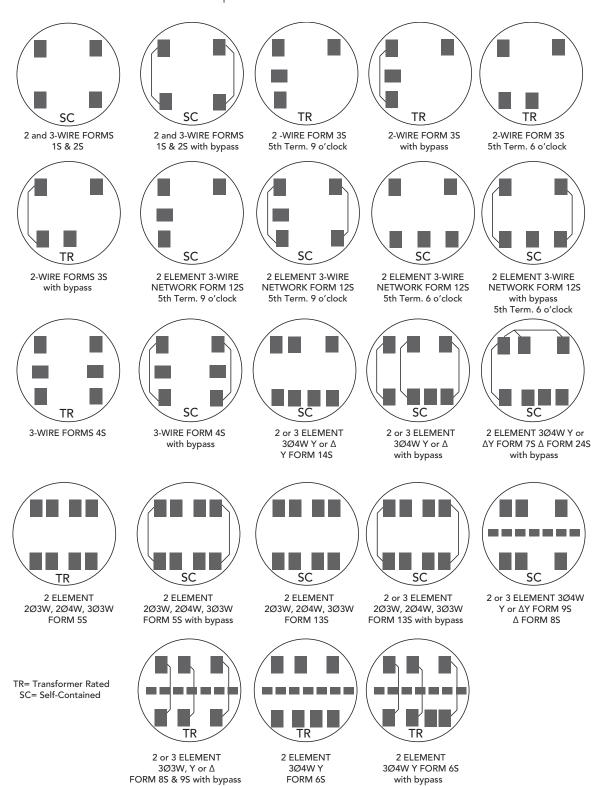




<sup>\*</sup>American Iron and Steel Institute

## **Watthour Meter Forms**

Standard Forms | Transformer Rated or Self-Contained







Reference Information Only

## 2 Pole | 3 Wire | Grounding Receptacles

		Str	aight Blade Wiring De	evices		Twist-Lock Wiring Devices			
Volts	Code	15 Amps	20 Amps	30 Amps	50 Amps	15 Amps	20 Amps	30 Amps	
125V	5		G G W W S-20R	G W S-30R	G W	GC D	GC D	G O	
250V	6	G-15R	6-20R	6-30R	6-50R	G X X L6-15R	G V V L6-20R	G V	
277V	7	7-15R	7-20R	7-30R	7-50R	G(7 0)	G 0	G 0 0	

## 3 Pole | 3 Wire | Special Applications

		Straight Blade	Twist-Lock W	iring Devices		
Volts	Code	20 Amps	30 Amps	50 Amps	20 Amps	30 Amps
125V 250V	10	v			WC Oy	
		10-20R	10-30R	10-50R	L10-20R	L10-30R

### 3 Pole | 4 Wire | Grounding

		St	Twist	-Lock			
Volts	Code	15 Amps	20 Amps	30 Amps	50 Amps	20 Amps	30 Amps
125V 250V	14	G Y X	Y S	Y S	Y S	G DW	
		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	т	G M				





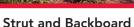


## **Enclosed Controls**

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

Milbank Enclosed Controls are an alternative to unsightly and inefficient strut and backboard structures. Enclosed 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.







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).















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







## **Applications**

These units are ideal for controlling and metering:

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

## **Available Factory-Installed Options**

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

## **Options**

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

## **Accessories**



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



## CP-ABK5/8

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



#### 105J

Fifth Terminals kit for use with ring-type meter sockets



#### K3865

Fifth Terminals kit for use with ringless meter sockets



#### CP-TC7D

7-day time clock kit **CP-TC24H** 

24-hour time clock kit

### **CP-TCWIRE**

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



CP-PE-HOA-3POS

HOA switch for field installation





## **Enclosed Controls**

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

Application: Remote site service for multiple loads

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

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

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

#### **Features**

These units include everything required for remote site service:

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



Evergy utility requires an exposed meter in all units.





## Switched Load Center Commercial Pedestals

## **Switched Load Center Commercial Pedestals**

1Ø3 wire 120/240V or 208Y/120V

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

#### **Features**

These units include everything required for remote site service:

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







## **Enclosed Controls**

## 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:r

- 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 sside 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**









## Surface-Mount Compact Design

## **Surface-Mount Enclosed Controls**

Originally developed for small cellular communications, the surfacemount enclosed control offers the flexibility of larger enclosed 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:
  - o walls.
  - o poles (narrow profile will have minimal extension past sides).
  - O 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
  - O Wire in Wire Out

## **Applications**



Communications
Power Distribution



Lighting Control



Power Distribution





## **Enclosed Controls**

## Battery Backup Commercial Pedestals



Evergy utility requires a exposed meter in all units

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
- Transfer switch for generator power backup
- Generator inlet receptacles 30 Amps through 200 Amps
- Pad-lockable provision for receptacles
- Police access door
- Metered load center distribution
- Unmetered load center distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches

- Contactors
- GFCI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arresters and lighting arresters





## Power Transfer Commercial Pedestals



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





## **Enclosed Controls**

## CT Metered Commercial Pedestals



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

#### **Features**

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

### Note

• May require customization based on regional requirements.

## **Applications**



Commercial & Industrial Control Systems



Pump and LIft Stations



Water Treatment Plants



Electric Vechicle Charging Stations





## Slimline Commercial Pedestals



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, four to seven terminals.
- Available in a wide array of colors, including but not limited too all ANSI powder coated paint colors upon request.
- Pedestal mounting base option saves time and labor to install on a cement pad no anchor bolts required.
- Powder coated G90 galvanized steel or aluminum; raw, anodized or powder coated, as well as stainless steel exterior options.









## Notes

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

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





## **NEMA Commercial Enclosures**



## **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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