



Indiana

Meter Mounting Equipment





Milbank Overview

Energy At Work since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With more than 90 years of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



METERING

As a market leader in electrical metering equipment, Milbank has set the standard for quality since 1927. Hundreds of configurations are available, including many sizes, knockout configurations, terminal configurations, bypass options, hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.



ENCLOSURES

Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireway and troughs. Built with high-quality craftsmanship and materials which meet or exceed industry standards, Milbank enclosures are made to protect controls and equipment from dust, dirt and other harmful elements found in a wide variety of environments based on various NEMA ratings Milbank offers.



ENCLOSED CONTROLS

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



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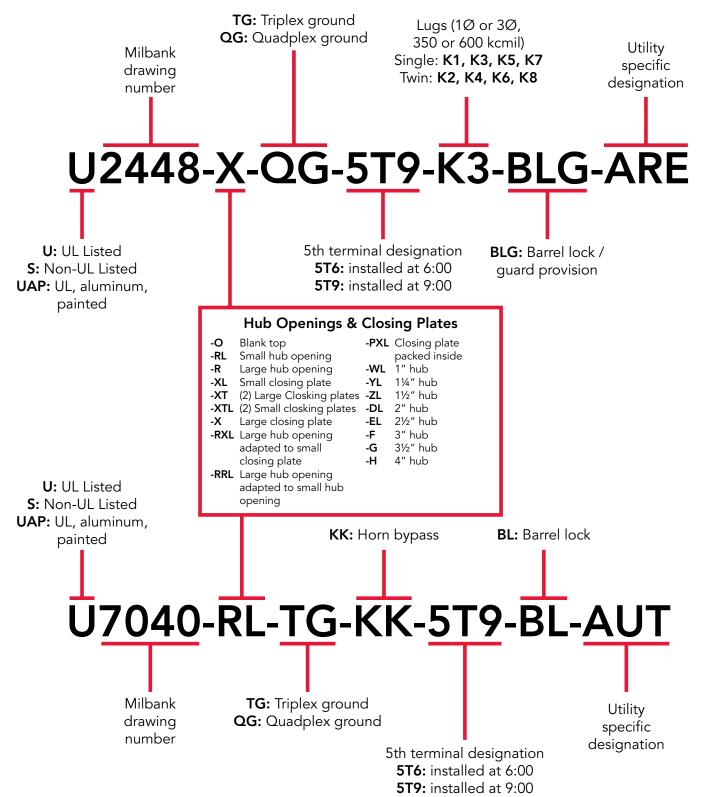




Catalog Number Logic

5 CATALOG NUMBER LOGIC

How our product catalog numbers are derived









Air Conditioner Disconnects

30-60 Amps | Fusible & Non-Fusible







U3802 U3812 U3832

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

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

Catalog Number	Amps	Туре	Max H.P.	Weight (lbs.)		Load Range	Ground Wire	ange CU/AL		Dimensions		Rating
Number			п.г.	(ibs.)	CU	AL	Range CO/AL	D"	W"	Н"	CU °C	AL °C
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	2½	5	7½	60°/75°	60°/75°
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	21/2	5	7½	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	21/8	5	7	60°/75°	60°/75°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	21/8	5	9	60°/75°	60°/75°

Notes

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





Air Conditioner Disconnects

AC

20 Amps GFCI Receptacle



U3822-20GWR

Specifications

- Meets NEC #210.63 requirements
- UL listed as Power Outlet
- Type 3R enclosure
- In-use cover*
- Duplex ground connector
- 1" concentric knockouts

- 1Ø, 240 volt
- 60 Amps, non-fused
- 20 Amps GFCI receptacle
- Reset/test button
- Weather and tamper resistant
- Meets NEC #406.8 requirements

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

Catalog Number	Туре	Max H.P.	Weight		Load Range	Ground Wire Range	Din	nensi	ons	Wire I	Rating
Number		п.г.	(lbs.)	CU	AL	CU/AL	D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	41/5	51/4	7 ² / ₅	60°/75°	60°/75°

Notes

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







Hot Tub Disconnects

Type 3R Enclosures



U4881-O-50GB



U4881-O-60GB

Specifications

- 240 volt ground fault protection
- UL listed
- Type 3R
- Weather resistant
- 2-pole, 50 or 60 Amps GFCI breaker protection
- Compact size

- Three or four wire installation
- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 Amps overall rating
- Easy to install

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

Catalog Number	Breaker	Туре	Weight		Load Range	Ground Wire Range	Dir	nensio	ons
Number	Amps		(lbs.)	CU	AL	CU/AL	D"	W"	H"
U4881-O-50GB	50	Breaker	eaker 8		#14-1/0	#14-1/0	3¾	71/2	8½
U4881-O-60GB	60	Breaker	8	#14-1/0 #14-1/0		#14-1/0	3¾	7½	81/2





Single Position Sockets



125-200 Amps | 4 Terminal | Ringless | 600 VAC





U7040-RL-TG-KK





U7487-RL-TG-KK

U4532-XL



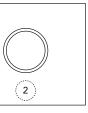








U1980-O-KK





7487

4532

7021 3.1 2

4 (2) (3) (1)

4 Terminal | Single Position | Ringless | 1Ø3W

Catalan Number	A	Comico	Hub	Connecto	ors CU/AL	D		mens	ions		Knoc	kouts	
Catalog Number	Amps	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4
U7487-RL-TG-KK	125	OH/UG	H.O.	#6-2/0	#6-2/0	Horn	35/16	8	11½	2	11/2	11/4	1/4
U7487-RL-TG-KK-BLG	125	OH/UG	H.O.	#6-2/0	#6-2/0	Horn	35/16	8	11½	2	_	11/4	1/4
U7021-RL-TG-KK	200	ОН	H.O.	#6-350	#6-350	Horn	41/8	8	15½	21/2	1/4,1/2	1/4	_
U7021-RL-TG-KK-BLG	200	ОН	H.O.	#6-350	#6-350	Horn	41/8	8	15½	21/2	1/4,1/2	1/4	_
U7040-RL-TG-KK	200	OH/UG	H.O.	#6-350	#6-350	Horn	41//8	11	14%	21/2	1/4,1/2	1/4	_
U7040-RL-TG-KK-BLG	200	OH/UG	H.O.	#6-350	#6-350	Horn	41/8	11	14%	21/2	1/4,1/2	1/4	_
U7040-XL-TG-KK	200	OH/UG	C.P.	#6-350	#6-350	Horn	41//8	11	14%	21/2	1/4,1/2	1/4	_
U4532-XL	200	OH/UG	C.P.	#6-350	(2) #6-350	None	47/8	15	20½	3	21/2	1/4,1/2	1/4

200 Amps | 4 Terminal | Single Position | Ringless | Side Wireway | 1Ø3W

Catalog Number	Service	Hub	Connecto	ors CU/AL	Dungag	Di	mens	ions		Knoc	kouts	
Catalog Number	Service	пив	Line	Load	Bypass	D"	W"	H.	1	2	3	4
U1980-O-KK	UG	Blank	#6-350	#6-350	Horn	41/2	13	151⁄4	3	21/2	1½	1/4,1/2
U1980-O-KK-BLG	UG	Blank	#6-350	#6-350	Horn	41/2	13	151/4	31/2	21/2	1½	1/4,1/2
U4413-O-KK-BLG	UG	Blank	#6-350	#6-350	Horn	41/2	13	151/4	3	21/2	1½	1/4,1/2

Notes

- Hubs: Order hubs separately see accessory page for ordering information.
- Fifth terminal: For field mounted fifth terminal for U7021, U7040, U4532 and U1980, order catalog number K5T. For the U7487, order catalog number 5T8K2.
- Connectors: Extruded aluminum connectors are tin plated.
- U4532: Includes twin lug connector on load side.
- Tap connector: For tap connector, order K4977-INT.
- Product numbers with BLG are used in AEP service areas.





200 AMPS SINGLE POSITION LEVER BYPASS

Single Position Lever Bypass

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



U3278-RL



U9551-RRL



U9701-RRL









9551 9701

200 Amps | Single Position | Lever Bypass | Ringless | Non-Jaw Clamping

Catalog	Terminal	Phase	Comico	arvice Hub	Connectors	Di	mensi	ions		Knoc	kouts	
Number	rerminai	rnase	Service	пир	Connectors	D"	W"	Н"	1	2	3	4
U3278-RL	4	1Ø3W	ОН	H.O.	#6-350	41//8	11	15½	21/2	2	1/4,1/2	1/4

200 Amps | Single Position | Heavy Duty Lever Bypass | Ringless | Jaw Clamping

Catalog	Terminal	Phase	Service	Hub	Connectors	Di	mensi	ons		Kno	ckouts	
Number	Terminal	Fnase	Service	пир	CU/AL	D"	W"	H"	1	2	3	4
U9551-RRL	5	1Ø3W or 3Ø3W	OH/UG	H.O.	#6-350	47/8	13	19	3	21/2	1/4,1/2	1/4
U9701-RRL*	7	3Ø4W	OH/UG	H.O.	#6-350	47/8	13	19	3	21/2	1/4,1/2	1/4
U9701-RRL-BLG*	7	3Ø4W	OH/UG	H.O.	#6-350	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 accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: The lever on the U3278 unit operates the bypass device only; it does not provide clamping action on the meter spades. The levers on the U9551 and U9701 units supply clamping action on meter spades and also operate the bypass devices.
- Product numbers with BLG are used in AEP service areas.
- *Can be used in a 100 Amps 3 phase applications due to lug range.

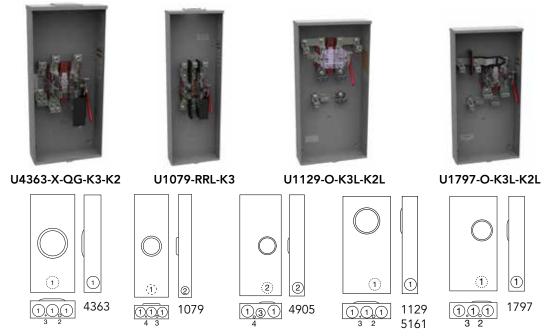




Single Position Lever Bypass

320 Amps | 4 Terminal | Ringless | 600 VAC

320 AMPS SINGLE POSITION LEVER BYPASS



320 Amps Continuous (400 Amps Max) | 4 Terminal | Single Position | Ringless | 1Ø3W

Catalan Number	Comico	Hub	Connecto	ors CU/AL	D	Dir	nensi	ons		Kno	ckouts	
Catalog Number	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4
U4363-X-QG-K3-K2	ОН	C.P.	(1) #4-600 or (2) 1/0-250	(2) #6-350	Lever	47/8	13	281⁄4	3	1/4,1/2	1/4	
U1079-RRL-K3	ОН	H.O.	(1) #4-600 or (2) 1/0-250	³⁄8" x 16 Studs	Lever	47/8	13	38¾	3	21/2	1/4,1/2	1/4
U4905-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	Lever	53/4	16	38¾	4	31/2	3	1/4,1/2
U4905-X-BLG	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	Lever	5¾	16	38¾	4	3½	3	1/4,1/2
U5161-X-K3L-K2L-BLG	OH/UG	C.P.	(1) #4-600 or (2) 1/0-250	(2) #6-350	Lever	47/8	15	31/2	3	1/4,1/2	1/4	_
U1129-O-K3L-K2L	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	Lever	47/8	15	30	3	1/4,1/2	1/4	_
U1797-O-K3L-K2L	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	Lever	47/8	15	30	3	1/4,1/2	1/4	_
U1797-O-K3L-K2L-BLG	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	Lever	47/8	15	30	3	1/4,1/2	1/4	_

Notes

- Side wireway: U1797 and U4905 are side wireway units.
- Bypass: Lever supplies clamping action and also operates bypass device.
- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Connectors: Some units supplied with %" x 16 hex head nuts with Belleville washers. For connector kits, order as extra K1540 (single 600 kcmil). For twin lug connectors, order as extra K1350 (twin 350 kcmil). Order two kits to cover both line and load on U4905 and one kit for load side of U1079.
- Fifth terminal: For factory-installed fifth terminal in the 6 o'clock position, add the suffix -5T6 to the catalog number. For factory-installed fifth terminal in the 9 o'clock position, add the suffix -5T9 to the catalog number. For field-installed fifth terminal, order as extra catalog number K3865 for U1129, U1797 and U4905 and K3866 for U1079.
- Product numbers with BLG are used in AEP service areas.

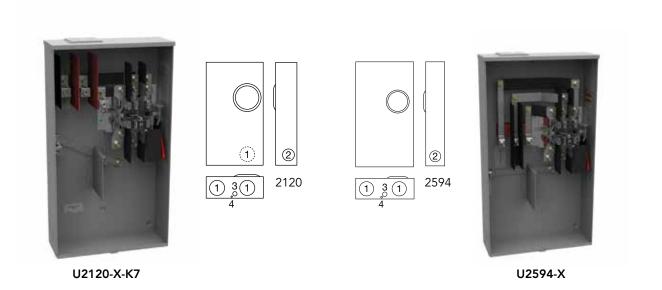




12 320 AMPS SINGLE POSITION LEVER BYPASS

Single Position Lever Bypass

320 Amps | 7 Terminal | Ringless | 600 VAC



320 Amps | 7 Terminal | Single Position | Ringless | Side Wireway | 3Ø4W | Jaw Clamping

Catalan Number	Comics	Hub	Connecto	ors CU/AL	Demoses		mensio	ons		Knoc	kouts	
Catalog Number	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4
U2594-X	OH/UG	C.P.	3/8" x 16 Studs	3⁄8" x 16 Studs	Lever	61/2	19	341/8	4	3	1	1/4
U2594-X-BLG	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	Lever	61/2	19	341/8	4	3	1	1/4
U2120-X-K7	UG	C.P.	(1) #4-600 or (2) 1/0-250	3⁄8" x 16 Studs	Lever	6½	17¾	31¾	4	3	1	1/4

Notes

- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Bypass: Lever supplies clamping action and also operates bypass device.
- Connectors: Supplied with %" x 16 hex head nuts with Belleville washers. For connector kits, order as extra K3441 (single 600 kcmil). For twin lug connectors, order as extra K3442 (twin 350 kcmil). Separate kits are required for both line and load. Line side connectors furnished on U2120.
- Product numbers with BLG are used in AEP service areas.





Unmetered Load Centers

200 Amps | 120/240 VAC

13
200 AMPS
UNMETERED
LOAD CENTERS



200 Amps | Unmetered Load Center with Main Breaker

Catalan Number	Main Breaker	Circuits	Service	Hub	Di	mensi	ons		Kr	nockou	ıts	
Catalog Number	Amp	Circuits	Service	пub	D"	W"	Н"	1	2	3	4	5
USE-22-200-MB	200	4	ОН	2"	4	8	23	2	1	1/2,3/4	_	_
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	251/16	3	2	1	1/2,3/4	1/4,1/2

Notes

- AIC Rating: This units are rated 22K 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 to small frame Q.





14 125 & 200 AMPS METER MAINS

Meter Mains

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

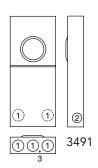




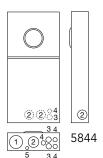
U3989-XL

1 1 3989

U3491-XL-200



U5844-PXL-200-KK



4 Terminal | Meter Mains | Ringless | 1Ø3W

Catalan Number	Camilaa	A	Hub	Connector	rs CU/AL	D	Dimensions			Knockouts					
Catalog Number	Service	Amp	пир	Line	Load	Bypass	D"	W"	Н"	1	2	3	4	5	
U3989-XL	OH/UG	125	C.P.	#6-2/0	СВ	None	3¾	11	22	2	1/4,1/2	_			
U3491-XL-200	OH/UG	200	C.P.	#2-350	СВ	None	41/8	12	29	21/2	2	1/4	_	_	
U5844-PXL-200-KK	OH/UG	200	C.P.	#6-350	СВ	Horn	41/2	14	30	3	21/2	1	1/2,3/4	1/4,1/2	
U5844-PXL-200-KK-BLG	OH/UG	200	C.P.	#6-350	СВ	Horn	41/2	14	30	3	21/2	1	1/2,3/4	1/4,1/2	

Notes

- Hubs: For proper hub selection, see the hub suffix chart on the accessory page.
- Breaker: For replacement breakers for U5844 order QN2200H. For U3989, order approved small frame breakers 125 amps or less per the rating label.
- Fifth terminal: For field installable fifth terminal kit, order K5T.
- AIC rating: The U5844 is 22K AIC rated.
- PXL Closing plate packed inside of carton.
- Product numbers with BLG are used in AEP service areas.



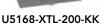


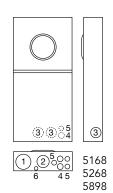
Meter Main With Load Center

METER MAIN WITH LOAD CENTER

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









Knockouts												
1	2	2 3 4			6							
3	21/2	2	1	1/2,3/4	1/4,1/2							

200 Amps | 4 Terminal | Meter Mains | Horn Bypass | Ringless | 1Ø3W

C. I. N. I	Breaker	c· ··	<i>c</i> .		Connectors	Dimensions			
Catalog Number	Amps	Circuits	Service	Hub	CU/AL - Line	D"	W"	H"	
U5168-XTL-100-KK	100	10	OH/UG	C.P.	#6-350	4½	141//8	32	
U5168-XTL-100-KK-BLG	100	10	OH/UG	C.P.	#6-350	41/2	141/8	32	
U5168-XTL-150-KK	150	8	OH/UG	C.P.	#6-350	41/2	141//8	32	
U5168-XTL-150-KK-BLG	150	8	OH/UG	C.P.	#6-350	41/2	141/8	32	
U5168-XTL-200-KK	200	8	OH/UG	C.P.	#6-350	4½	141//8	32	
U5168-XTL-200-KK-BLG	200	8	OH/UG	C.P.	#6-350	4½	141//8	32	
U5268-XTL-150-KK	150	20	OH/UG	C.P.	#6-350	41/2	141//8	32	
U5268-XTL-200-KK	200	20	OH/UG	C.P.	#6-350	41/2	141/8	32	
U5268-XTL-200-KK-BLG	200	20	OH/UG	C.P.	#6-350	41/2	141//8	32	
U5898-O-200-KK-BLG	200	8	OH/UG	C.P.	#6-350	41/2	17	34½	
U5898-O-100-KK-BLG	100	10	OH/UG	C.P.	#6-350	41/2	17	34½	

Notes

- Fifth terminal: For field installed fifth terminal, order K5T.
- Breakers: Rated 22K AIC with QN2200H main installed for U5168 and U5268.
- Sub feed lugs: #6-350 sub feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.
- Main lug kit: Main lug feed-through kit K3701 available.
- XTL Two small hub closing plate.
- Product numbers with BLG are used in AEP service areas.

Generator Interlock — for use with U5168 and U5268

1	K2012	K5820	K5830
MARCH BALL	Large QN with small frame Q	Large frame QN with large frame QN	Small frame ${f Q}$ to small frame ${f Q}$

Branch Breaker Chart

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

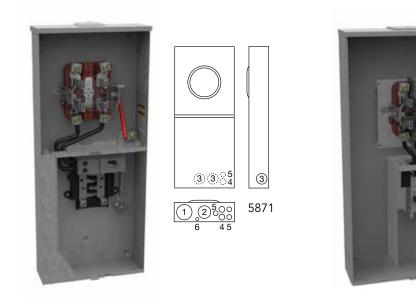


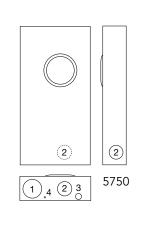


16 200 AMPS LEVER BYPASS METER MAINS

Meter Mains

200 Amps | 4 & 7 Terminal | Lever Bypass | Ringless





U5871-XL-200

U5750-RXL-200-BL

200 Amps | Meter Main | Lever Bypass | Ringless | Jaw Clamping

Catalog Number	Terminals	Breaker Amps	Service	Hub	Connectors	Dir	nensi	ons	Knockouts								
Catalog Number	Terminais		Service	пив	CU/AL - Line	D"	W"	I.	1	2	3	4	5	6			
U5871-XL-200	4	200	OH/UG	C.P.	#6-350	41/2	141//8	32	3	21/2	2	1	1/2,3/4	1/4,1/2			
U5750-RXL-200-BL	7	200	OH/UG	C.P.	#6-350	53/4	17¾	34	4	3	1	1/4	_	_			

Notes

- Breakers: U5871 is rated 22K AIC with QN2200RH main installed. U5750 is rated 10K AIC with UQFB-3200 main installed.
- U5871- Has 8 branch circuits
- -BL: Barrel lock
- Fifth terminal: For field installed fifth terminal for U5871, order K5T.
- Interlock kit: For generator auxiliary circuit breaker interlock for U5871, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN.





Lever Bypass Meter Mains

320 AMPS LEVER BYPASS METER MAINS

320 Amps | 4 Terminal | Ringless | 120/240 VAC



U5059-X-2/200



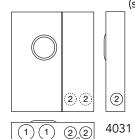
U5890-X-2/200-BL (shown with lugs installed)

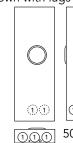


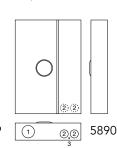
U5891-X-2/200-MLK-BL

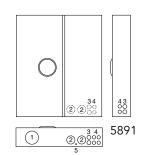


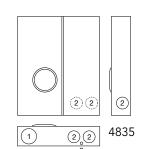
U4835-X-2/200-BL











320 Amps | 4 Terminal | Meter Mains | Lever Bypass | Ringless | OH/UG

Catalan Number	Hub	Connectors Breaker E		Branch	Dir	nensic	ons		K	nocko	uts			
Catalog Number	пив	CU/AL - Line	Amps	Circuits	D"	D" W" H"			2	3	4	5		
U4031-O-2/200	_	³⁄8" x 16 Studs	200	N/A	5¾	25	30	4	4	1/4,1/2		_		
U5059-X-K3L	C.P.	(1) #4-600 or (2) 1/0-250	Provision	N/A	47/8	15	42	3	1/4,1/2	1/4	_	_		
U5059-X-2/200-K3L	C.P.	(1) #4-600 or (2) 1/0-250	200	N/A	47/8	15	42	3	1/4,1/2	1/4		_		
U5890-X-2/200-BL*	C.P.	¾" x 16 Studs	200	N/A	6	24½	35	4	2½	1/4	_			
U5890-X-2/200-BLG	C.P.	¾" x 16 Studs	200	N/A	6	24½	35	4	2½	1/4	_	_		
U5891-X-2/200-MLK-BL*	C.P.	¾" x 16 Studs	200	12	6	29½	35	4	2½	1	1/2,3/4	1/4		
U4835-X-2/200-BL	C.P.	¾" x 16 Studs	200	N/A	5¾	241/8	30	4	3	1/2				

Notes

- AIC rating: 22K AIC standard.
- Breakers: For U5059 main breakers, order UQFPH-100, -150, or -200. For replacement main breaker in U4835 order Milbank UQFBH series
- -MLK: Main Lug feed-through kit K3701 factory installed.
- Fifth terminal: For field mounted fifth terminal order catalog number K3865.
- Connectors: Supplied with %" x 16 hex head nuts with Belleville washers. For connector kits, order as extra K1540 (single 600 kcmil). For twin lug connectors, order as extra K1350 (twin 350 kcmil). The extra stud on line side is a wire stop.
- Product numbers with BLG are used in AEP service areas (Suffix -BLG is barrel lock with gaurd.)
- * Barrel lock (suffix -BL)
- For replacement main breaker in **U5890** order Siemens QN series **QN2200H**.
- For replacement main breaker in U5891, order QN2200H (for left breaker) and a QN2200RH (for right breaker).





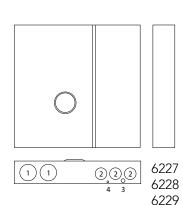


Meter Mains

400 Amps | 4, 5 & 7 Terminal | Ringless









U6230-X-400-K7

400 Amps Meter Main | 4 & 5 Terminal | 1Ø3W | OH/UG | 240 VAC | Lever Bypass

C . I N I	-		Connectors CU/AL	Di	mensio	ns		Knoc	:kouts	,
Catalog Number	Terminals	Hub	Line	D"	W"	Н″	1	2	3	4
U6227-X-400-K3L	4	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6228-X-400-K3L	4	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6227-X-400-K3L-5T6	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6227-X-400-K3L-5T9	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6227-X-400-K3L-BLG	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6228-X-400-K3L-5T6	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6228-X-400-K3L-5T9	5	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4

6230

Specifications

Side buss unit: U6228AIC rating: 22K AIC at 240V

• 300 Amps breaker: Can be installed from the factory (upon request)

400 Amps Meter Main | 7 Terminal | 3Ø4W | OH/UG | 480 VAC | Lever Bypass

Catalog Number	Hub	Connectors CU/AL	Di	mensior	าร				
	пир	Line	D"	W"	Н"	1	2	3	4
U6229-X-400-K7L	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6229-X-400-K7L-BLG	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4
U6230-X-400-K7L	C.P.	#4-600kcmil or (2) 1/0 - 250	6	361/4	34	4	21/2	1/2	1/4

Specifications

• Side buss units: U6230

• AIC rating: 22K AIC at 240V; and 10K AIC at 480V.

• 300 Amps breaker: Can be installed from the factory (upon request).



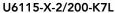


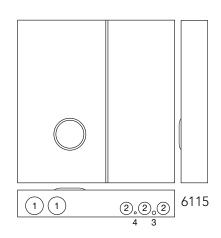
Meter Mains

19 400 AMPS METER MAINS

400 Amps | 7 Terminal | Ringless







400 Amps Meter Main with Breakers | 7 Terminal | 3Ø4W | Ringless | 480 VAC

Catalog Number	Hub	Connectors CU/AL	D	imensio	ons		Knockouts				
Catalog Number	пир	Line	D"	W"	Н"	1	2	3	4		
U6115-X-2/200-K7L	C.P.	#4-600kcmil or (2) 1/0 - 250	7	341/4	34	1/2, 3/4	1/2, 3/4	1/2, 3/4	1/2, 3/4		
U6115-X-2/200-K7L-BL	C.P.	#4-600kcmil or (2) 1/0 - 250	7	341/4	34	1/2, 3/4	1/2, 3/4	1/2, 3/4	1/2, 3/4		
U6115-X-2/200-K7L-BLG	C.P.	#4-600kcmil or (2) 1/0 - 250	7	341/4	34	1/2, 3/4	1/2, 3/4	1/2, 3/4	1/2, 3/4		

Specifications

• **U6115-X-2/200-K7L** comes with (2) 200A 3Ø breakers

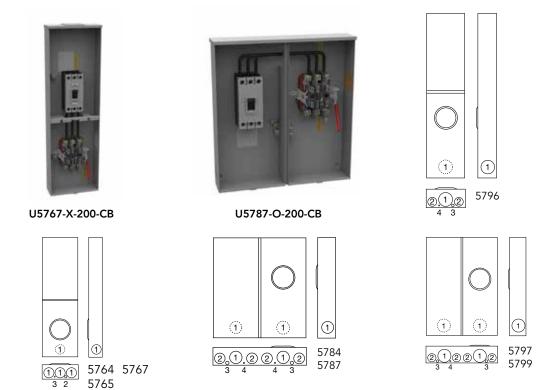






Cold Sequence Meter Mains

200-400 Amps | 4, 5 & 7 Terminal | Ringless



200 Amps Circuit Breaker Disconnect Ahead Of Meter Socket | Lever Bypass

Catalan Numban	Terminals	Camilaa	Hub	Connectors	Phase	Dir	nensi	ons		Knoc	couts	;
Catalog Number	Terminais	Service	пив	CU/AL - Load	rnase	D"	W"	Н"	1	2	3	4
U5764-X-200-CB	4	OH/UG	C.P.	#6-350	1Ø3W	4 ²⁷ / ₃₂	13	43	4	21/2	1/4	_
U5784-O-200-CB	4	UG	Blank	#6-350	1Ø3W or 3Ø3W	427/32	26	28	4	21/2	1/4	_
U5765-X-200-CB	5	OH/UG	C.P.	#6-350	1Ø3W or 3Ø3W	4 ²⁷ / ₃₂	13	43	4	21/2	1	1/2 , 3/4
U5767-X-200-CB	7	OH/UG	C.P.	#6-350	3Ø4W	427/32	13	43	4	21/2	1	1/2 , 3/4
U5787-O-200-CB	7	UG	Blank	#6-350	3Ø4W	6	26	28	4	21/2	1	1/2 , 3/4

400 Amps (320 Amps Continuous) Circuit Breaker Disconnect Ahead Of Meter Socket | Lever Bypass

Catalan Numbar	Towningle	Comico	Hub	Connectors		Dir	nensi	ons		Knoc	kout	5
Catalog Number	Terminals	Service	пив	CU/AL - Load	Phase	D"	W"	H"	1	2	3	4
U5797-O-400-CB	4	UG	Blank	3/0-500	1Ø3W or 3Ø3W	6	26	36	4	21/2	1	1/2 , 3/4
U5796-X-400-CB	7	OH/UG	C.P.	3/0-500	3Ø4W	6	13	56	4	21/2	1/4	
U5799-O-400-CB	7	UG	Blank	3/0-500	3Ø4W	6	26	36	4	21/2	1	1/2, 3/4

Notes

• Hubs: For proper hub selection, refer to the hub suffix chart on the accessories page.





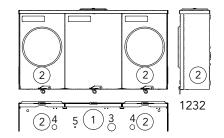
Multi-Position Sockets

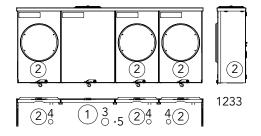
21
150 AMPS
MULTI-POSITION
SOCKETS

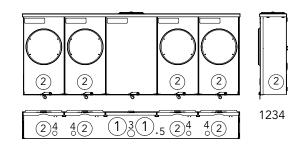
150 Amps | 4 Terminal | Ringless | 300 VAC



U1232-RRL-KK-K1







150 Amps per Position | 4 Terminal | Multi-Position | Ringless | Horn Bypass

Catalan Number	Desitions	itiana Camina		Positions Service I		Connecto	ors CU/AL	Dir	nensic	ns		Kı	nocko	uts	
Catalog Number	Positions	Service	Hub	Line	Load	D"	W"	H"	1	2	3	4	5		
U1232-RRL-KK-K1	2	OH/UG	H.O.	#6-350	#6-350	51/8	26½	14	3	21/2	1	1/2	1/4		
U1233-RRL-KK-K1	3	OH/UG	H.O.	#6-350	#6-350	51/8	34¾	14	3	21/2	1	1/2	1/4		
U1234-RXL-KK-K1	4	OH/UG	C.P.	#6-350	#6-350	51/8	421/8	16	3	21/2	1	1/2	1/4		

Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- Fifth terminal: For field mounted fifth terminal, order catalog number K5T (9 o'clock position).





22 200 AMPS MULTI-POSITION SOCKETS

Multi-Position Sockets

200 Amps | 4 Terminal | Ringless | 300 VAC



U1252-RRL-KK-K1-SLVG

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

Catalog Number	Positions	Service	Hub	Connec	tors CU/AL	Di	mensio	ns
Catalog Number	Positions	Service	пир	Line	Load	D"	W"	Н"
U1252-RRL-KK-K1-SLVG	2	OH/UG	H.O.	#6-350	#6-350	51/8	26½	14
U1252-RRL-KK-K1-BLG-SLVG	2	OH/UG	H.O.	#6-350	#6-350	51/8	26½	14
U1253-RRL-KK-K1-SLVG	3	OH/UG	H.O.	#6-350	#6-350	51/8	34¾	14
U1253-RRL-KK-K1-BLG-SLVG	3	OH/UG	H.O.	#6-350	#6-350	51/8	34¾	14
U1254-RXL-KK-K1-SLVG	4	OH/UG	C.P.	#6-350	#6-350	51/8	421/8	16
U1254-RXL-KK-K1-BLG-SLVG	4	OH/UG	H.O.	#6-350	#6-350	51/8	421/8	16
U1255-RXL-KK-K1-SLVG	5	OH/UG	C.P.	#6-350	#6-350	51/8	54½	16
U1255-RXL-KK-K1-BLG-SLVG	5	OH/UG	H.O.	#6-350	#6-350	51/8	54½	16
U1256-RXL-KK-K1-SLVG	6	OH/UG	C.P.	#6-350	#6-350	51/8	631/16	18
U1256-RXL-KK-K1-BLG-SLVG	6	OH/UG	H.O.	#6-350	#6-350	51/8	631/16	18

Notes

- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6** two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- Fifth terminal: For field mounted fifth terminal, order catalog number K5T (9 o'clock position).
- Product numbers with BLG are used in AEP service areas.



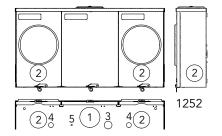


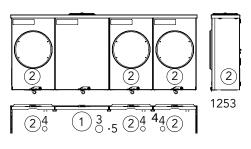
Multi-Position Sockets

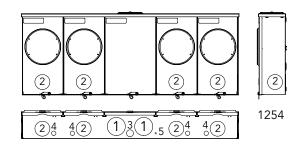
23
KNOCKOUT

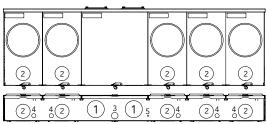
Knockout information

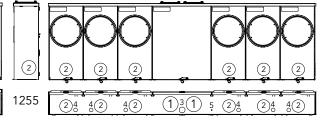
	Kn	ocko	uts	
1	2	3	4	5
3	2½	1	1/2	1/4











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





1256

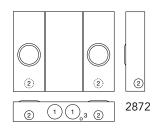
24 200 AMPS LEVER BYPASS MULTI-POSITION

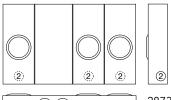
Lever Bypass Multi-Position Sockets

200 Amps | 5 Terminal | Ringless | 600 VAC

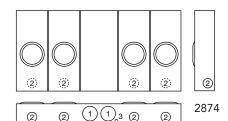


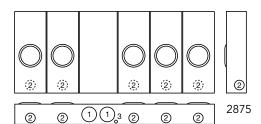
U2873-XT





2873





200 Amps per Position | 5 Terminal | Multi-Position | Ringless

Catalog Number	Docitions	Positions Service		Connectors CU/AL		Dunasa	Dimensions			Knockouts		
Catalog Number	Positions	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3
U2872-XT	2	OH/UG	(2) C.P.	3⁄8" x 16 Stud	#6-350	Lever	6	321/8	251/4	4	2½	1/4,1/2
U2873-XT	3	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	Lever	6	423/16	251/4	4	2½	1/4,1/2
U2874-XT	4	OH/UG	(2) C.P.	3⁄8" x 16 Stud	#6-350	Lever	6	521/4	251/4	4	21/2	1/4,1/2
U2875-XT	5	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	Lever	6	625/16	251/4	4	21/2	1/4,1/2
U2876-XT	6	OH/UG	(2) C.P.	3⁄8" x 16 Stud	#6-350	Lever	6	72¾	311⁄4	4	2½	1/4,1/2

Notes

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



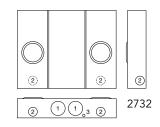


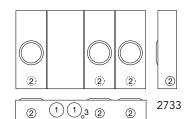
Lever Bypass Multi-Position Sockets

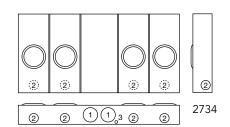
25
200 AMPS
LEVER BYPASS
MULTI-POSITION

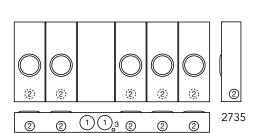
200 Amps | 7 Terminal | Ringless | 600 VAC 3 phase

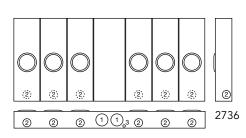












200 Amps per Position | 7 Terminal | Multi-Position | Lever Bypass | Ringless

Catalog Number	Decitions	itions Service Hub) imensi	ons	Knockouts				
Catalog Number	Positions	Service	пир	Line	Load	D"	W"	Н"	1	2	3
U2732-XT	2	OH/UG	(2) C.P.	%" x 16 Stud	#6-350	6	321/8	251/4	4	21/2	1/4,1/2
U2733-XT	3	OH/UG	(2) C.P.	%" x 16 Stud	#6-350	6	423/16	251/4	4	21/2	1/4,1/2
U2734-XT	4	OH/UG	(2) C.P.	%" x 16 Stud	#6-350	6	521/4	251/4	4	21/2	1/4,1/2
U2735-XT	5	OH/UG	(2) C.P.	%" x 16 Stud	#6-350	6	625/16	251/4	4	21/2	1/4,1/2
U2736-XT	6	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	6	72¾	311⁄4	4	21/2	1/4,1/2

Notes

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





26 125 & 200 AMPS MULTI-POSITION METER MAINS

Multi-Position Meter Mains

125 & 200 Amps per Position | 4 Terminal | Ringless | 120/240

VAC 10K AIC



U2854-X (Order circuit breakers separately)



U2866-X

125 Amps per Position | Multi-Position Sockets | 10K AIC | Ringless

Catalog Number	Amps Per	Positions	Main Bus Rating	Line Connector Size	Dimensions			
Catalog Number	Position	Positions	Main bus Rating	Line Connector Size	D"	W"	Н"	
U2852-X	125	2	200 Amp	¾" x 16 Stud*	513/16	18	25	
U2853-X	125	3	200 Amp	¾" x 16 Stud*	5 ¹³ / ₁₆	18	37	
U2854-X	125	4	400 Amp	¾" x 16 Stud*	47/8	31	25	
U2855-X	125	5	400 Amp	¾" x 16 Stud*	47/8	31	37	
U2856-X	125	6	400 Amp	¾" x 16 Stud*	47/8	31	37	

200 Amps per Position | Multi-Position Sockets | 10K AIC | Ringless

Catalan Number	Amps Per	Doubling	Main Dua Datina	Line Commenter Sine	Dimensions			
Catalog Number	Position	Positions	Main Bus Rating	Line Connector Size	D"	W"	Н"	
U2862-X	200	2	250 Amp	¾" x 16 Stud*	5 ¹³ / ₁₆	21	29	
U2863-X	200	3	300 Amp	¾" x 16 Stud*	5 ¹³ / ₁₆	21	41	
U2864-X	200	4	400 Amp	¾" x 16 Stud*	47/8	36	29	
U2865-X	200	5	600 Amp	3%" x 16 Stud*	47/8	36	41	
U2866-X	200	6	600 Amp	3%" x 16 Stud*	47/8	36	41	

Connector Kits

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

Breaker Chart

Manufacturer	150-200 Amps	125 Amps or Less
Milbank	WBJ	_
Cutler Hammer	BR, BJ	Quicklag P, BR, HQP
Siemens	QNR	QP
Siemens/Murray	MD	MP
G.E.	Q Line	Q Line
Square D	_	Homeline

Notes

- Connectors: For line wire connector kits, order separately.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K2381. Order one per meter position.
- Breakers: Units have provision for one double pole main per meter position. Breakers not included.
- Short Circuit Current Rating: 10K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- Knockouts: See next page for drawings and knockout configurations.
- * To add lugs, see the Connector Kits chart.



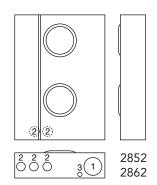


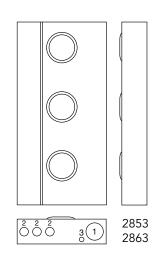
Multi-Position Meter Mains

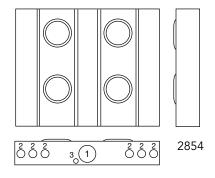
Knockout Information

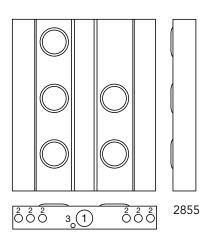
27
125/200 AMP
MULTI-POSITION
METER MAINS

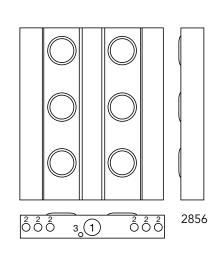
Cotolog Number	Kr	uts	
Catalog Number	1	2	3
U2852-X	3	11/4	1/4,1/2
U2853-X	3	11/4	1/4,1/2
U2854-X	3	11/4	1/4,1/2
U2855-X	3	11/4	1/4,1/2
U2856-X	3	11/4	1/4,1/2
U2862-X	3	2	1/4,1/2
U2863-X	3	2	1/4,1/2
U2864-X	3	2	1/4,1/2
U2865-X	3	2	1/4,1/2
U2866-X	3	2	1/4,1/2

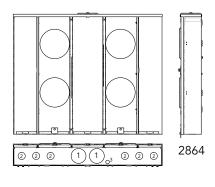


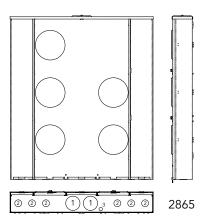


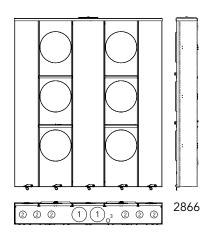
















28 125-200 AMP MULTI-POSITION METER MAINS

Multi-Position Meter Mains

125 & 200 Amps | 4 Terminal | Ringless | 120/240 VAC | 22K AIC





Rating kAIC	Circuit Breaker 125A
10	SIEMENS: QP CUTLER-HAMMER: BR, HQP, QHP,QPGF SQUARE D: HOMELINE. G.E.: (50AMP.MAX.) THQL, THQL-GF
22	SIEMENS: QPH
	150-200 AMPS
10	SIEMENS: QN
22	SIEMENS: QNH

U5882-X-KK-BLG

U5884-X-KK-BLG

125 Amps per Position | 4 Terminal | Multi-Position Meter Main | Ringless

Catalan Namakan	Catalog Number Amps	Positions	Comico	Lluk	Connectors CU/AL	D	D	imensic	ns	Weight
Catalog Number	Amps	Positions	Service	Hub	Line	Bypass	D"	W"	H"	(lbs.)
U5902-X-KK-BLG	125	2	OH/UG	C.P.	³%" x 16 Stud	Horn	51/8	26½	30	58
U5903-X-KK-BLG	125	3	OH/UG	C.P.	¾" x 16 Stud	Horn	51/8	34%	30	88
U5904-X-KK-BLG	125	4	OH/UG	C.P.	3%" x 16 Stud	Horn	51/8	421/5	30	107
U5905-X-KK-BLG	125	5	OH/UG	C.P.	¾" x 16 Stud	Horn	51/8	51½0	30	128
U5906-X-KK-BLG	125	6	OH/UG	C.P.	³%" x 16 Stud	Horn	51/8	59¾10	30	146

200 Amps per Position | 4 Terminal | Multi Position Meter Main | Ringless

Catalan Numban	A	Danisiana	Service	Hub	Connectors CU/AL	Dumana	D	imensio	ns	Weight
Catalog Number	Amps	Positions	Service	аип	Line	Bypass	D"	W"	H"	(lbs.)
U5882-X-KK-BLG	200	2	OH/UG	C.P.	¾" x 16 Stud	Horn	51/8	26½	30	58
U5883-X-KK-BLG	200	3	OH/UG	C.P.	³%" x 16 Stud	Horn	51/8	34%	30	88
U5884-X-KK-BLG	200	4	OH/UG	C.P.	¾" x 16 Stud	Horn	51/8	421/5	30	107
U5885-X-KK-BLG	200	5	OH/UG	C.P.	³%" x 16 Stud	Horn	51/8	51½0	30	128
U5886-X-KK-BLG	200	6	OH/UG	C.P.	¾" x 16 Stud	Horn	51/8	59¾10	30	146

Notes

- Knockouts: See drawings on the next page.
- Optional: Factory installed breakers are available consult factory.
- AIC Rating: All models are rated 22K AIC when used with approved breakers rated at 22K.
- Hub: Units supplied with one (1) closing plate. Order hubs separately, see accessry page.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- Connectors: Socket is supplied with %" 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on the accessories page. Separate lug kits are required for line and load.

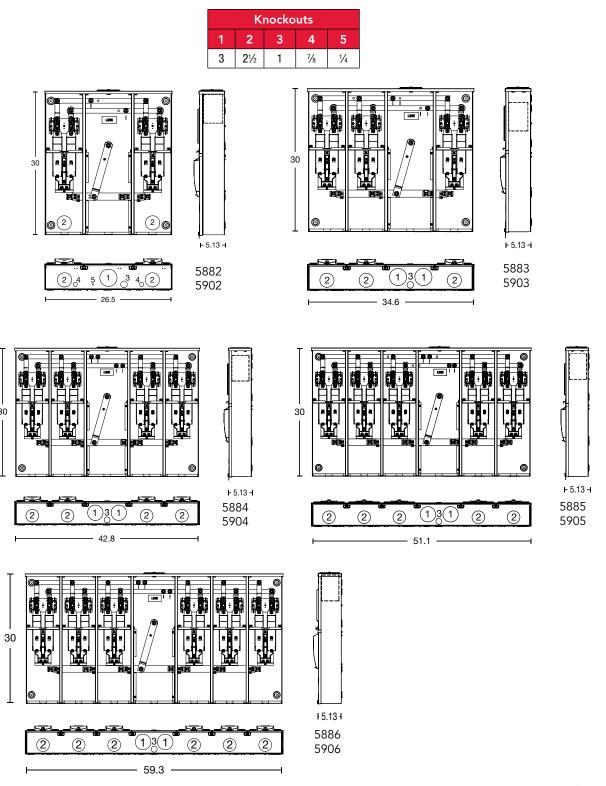




Multi-Position Meter Mains

29
MULTI-POSITION
METER MAINS

Dimensional Information





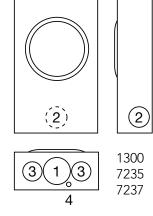




Transformer Rated

20 Amps | Plunger Bypass | Ringless & Ring Type





UC7235-RL

1 Piece Cover | Overhead / Underground | Ringless

Catalog Number	Towningle	Time	Hub	Meter Form	Connectors CU	Dimensions			Knockouts			
Catalog Number	Terminais	Туре	пир	Weter Form	Connectors CO	D"	W"	H"	1	2	3	4
UC1299-RL	6	Ringless	H.O.	4\$	#14-#4 MAX	35/16	8	14	2	1½	11/4	1/4
UC7235-RL	8	Ringless	H.O.	5S	#14-#4 MAX	35/16	8	14	2	1½	11/4	1/4
UC7237-XL	13	Ringless	C.P.	6, 8, 9	#14-#4 MAX	35/16	8	14	2	1½	11/4	1/4

1 Piece Cover | Overhead / Underground | Ring Type

Catalog Number	Towningle	Type	Hub	Motor Form	Connectors CU		ensic			Knock	outs	
Catalog Number	Terminais	туре	пир	Weter Form	Connectors CO	D"	W"	H"	1	2	3	4
UC1300-RL	6	Ring Type	H.O.	4\$	#14-#4 MAX	35/16	8	14	2	1½	11/4	1/4

Notes

• Hubs: For proper hub selection see the hub suffix chart on the accessory page.





Transformer Rated

20 Amps | Test Switch Provision

20 AMPS
TRANSFORMER
RATED



1 Piece Cover | Ringless | Overhead / Underground | with test switch provision

Catalan Namahan	Terminals Hub	T Look	Motor Form	Carran de la CII	Dymoss	D	imensic	Knockouts		
Catalog Number	ierminais	dun	Meter Form	Connectors CU	Bypass	D"	W"	Н"	1	2
UC7478-RL	6	H.O.	4S	#14 - #4 Max	None	41/8	12	20	11/4	1/4, 1/2
UC7444-RL	8	H.O.	5S	#14 - #4 Max	None	41/8	12	20	11/4	1/4, 1/2
UC7445-RL	13	H.O.	6, 8, 9	#14 - #4 Max	None	41/8	12	20	11/4	1/4, 1/2
UC7445-RL-641*	13	H.O.	6, 8, 9	#14 - #4 Max	None	41/8	12	20	11/4	1/4, 1/2
UC7445-WL	13	1 in	6, 8, 9	#14 - #4 Max	None	41/8	12	20	11/4	1/4, 1/2

^{*}Pre-wired per Lebanon specifications

2 Piece Cover | Ringless | Overhead / Underground | with test switch provision

Ringless	Ring Type	Terminals Meter Form H		ماريا	h Connectors CII		imensic	Knockouts		
Catalog Number	Catalog Number	Terminais	Meter Form	пир	Connectors CO	D"	W"	Н"	1	2
UC7532-RL	UC7636-RL	6	4S	H.O.	#14 - #4 Max	41//8	12	20	11/4	1/4, 1/2
UC7448-RL	UC7460-RL	8	5S	H.O.	#14 - #4 Max	41//8	12	20	11/4	1/4, 1/2
UC7449-RL	UC7461-RL	13	6, 8, 9	H.O.	#14 - #4 Max	41//8	12	20	11/4	1/4, 1/2

Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Sealing rings: Ring type units are supplied with one MR-2, snap type, sealing ring.
- Pre-wiring: Factory pre-wiring available.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "S" (i.e, UC7445-XL becomes S7445-XL). The "S" prefix also designates non-U/L.



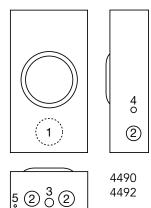




Lever Bypass Transformer Rated

80 Amps | 6, 8 & 13 Terminal





U4490-XL

80 Amps | Ringless | Transformer Rated | Lever Bypass | No Test Switch Provision

Catalog	Terminals	Samilea	Uh	Meter Form	Connectors CU	Dimensions			Knockouts				
Number	Terminais	Service	пир	Weter Form	Connectors CO	D"	W"	Н"	1	2	3	4	5
U4490-XL	6	OH/UG	C.P.	4S	#14 - #4 Max	47/8	10	18½	3	1½	1/2,3/4	3/4	1/4
U4492-XL	8	OH/UG	C.P.	5S	#14 - #4 Max	47/8	10	18½	3	1½	1/2,3/4	3/4	1/4
U4493-XL	13	OH/UG	C.P.	6, 8, 9	#14 - #4 Max	47/8	10	18½	3	1½	1/2,3/4	3/4	1/4

Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Bypass: Lever operates current bypass device and also supplies clamping action on current meter spades.
- Connectors: Units are supplied with mechanical type connectors (#4 max).





4, 7 & 10 Pole



Catalog Number		4-Pole										
TS04-0101	X	Р	Pn	Х	C+	С	Х					
TS04-0102	Х	Р	C+	С	X	Pn	Х					
TS04-0103	Х	Р	Pn	Х	С	C+	Х					
TS04-0104	Χ	C+	С	Χ	Р	Pn	X					

Notes

• 4-pole switches are also available on 10-pole bases. Contact Milbank for appropriate catalog numbers.

00	00	0	00	\bigcirc) 10	0.1	-
0	Ы		Ы	Ы	Ю	Ы		31	/2"
)O			0		0	0	9		
		_	7 1/	2" -			\neg		

Catalog Number			7	-Pol	е		
TS07-0105	Р	Р	Pn	C+	С	C+	С
TS07-0106	LP.	C+	С	Р	C+	С	Pn
TS07-0107	Р	Р	Pn	С	C+	С	C+
TS07-0108	C+	С	C+	С	P	Р	Pn

Notes

• 4-pole switches are also available on 10-pole bases. Contact Milbank for appropriate catalog numbers.

	Key
Р	Potential Switch
C+	Line side current switch with short circuit assembly
С	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral Potential Switch
Х	Unused Position on base
	Insulating barrier, isolates both sides of switch

Catalog Number	-	7-Pole on a 10-Pole Base											
TS07-0049	Р	Х	Р	Χ	Pn	Х	C+	С	С	C+			
TS07-0018	Р	Х	Р	Χ	Pn	Х	C+	С	C+	С			
TS07-0059	Х	Р	C+	С	Р	С	C+	Pn	Х	Х			
TS07-0022	Р	Х	Р	Χ	Pn	Χ	С	C+	С	C+			

Catalog Number	10-Pole									
TS10-0109	Р	Р	Р	Pn	C+	С	C+	С	C+	С
TS10-0110	LP.	C+	С	Р	C+	С	Р	C+	С	Pn
TS10-0111	Р	Р	Р	Pn	С	C+	С	C+	С	C+
TS10-0112	C+	С	C+	С	C+	С	Р	Р	Р	Pn





Test Switch Worksheet

Electronic version available at milbankworks.com

A Children	.ea	_								
A. S.	M.	Phone:								
	م المصادا	Cala	w V av				TEST SW	/ІТСН В	SASE	
	-landle									high strengtl
Red BL	Purple	Y	Yellow	GN	Greer		material is	reintorce track-re	ed, thern sistant, f	noset polyest Tame-retardaı
	Blue	W O	White	BKS	Black Str		has low w	ater abso	orption c	qualities. Base
R Brown GR	Grey	U	Orange	WS	White St	npe	available mounting			izes following
e Position Chart							mounting	Ciassifica	ations.	
1 2	3	4	5	;	6	7	8		9	10
					J				,	10
ecial Features										
Feature	1	2	3	4	5	6	7	8	9	10
	-	_		•						
45° Angle Stops			1					l l		
45° Angle Stops anged Handles (C)										
anged Handles (C)										
45° Angle Stops Ganged Handles (C) Bussing Colored Handles gineering Information	on:									
anged Handles (C) Bussing Colored Handles	on:								agram vo	DITE OWD
Bussing Colored Handles	on:		Custom Po	ole Arra	ngements:	The ke	y may be ι y base size	used to di	ether all (C+ line
Bussing Colored Handles gineering Information			Custom Popole arranç	ble Arra lgement.	ngements: . Be sure to	The ke	y may be ι y base size nblies are to	used to di and whe	ether all (ed togeth	C+ line ier. The
Bussing Colored Handles gineering Information	Switch : switch wit	th	Custom Popole arrangiside, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: . Be sure to nown above different ca	The ke o specifuit assent are contalog nu	by may be u y base size nblies are to nected in li umbers will	used to di and whe be busse ne-load p apply.	ether all (ed togeth pairs; there	C+ line ier. The efore, if
Rey Potential S Line side current short circuit a	Switch : switch wit :ssembly ent switch	th	Custom Popole arranç pole arranç side, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: . Be sure to nown above different ca	The kep specified assenting are constalled numbers Swi	ry may be u y base size nblies are to nnected in li umbers will tch Cove	ased to di and when be busse ne-load p apply. r (only av	ether all (ed togeth pairs; there railable fo	C+ line ier. The
Rey Potential S Line side current short circuit a Load side current with test jack	Switch : switch wit assembly ent switch assembly	th	Custom Popole arrangiside, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: . Be sure to nown above different ca	The kep specified assentiate control of the control	by may be u y base size nblies are to nected in li umbers will	ased to di and when be busse ne-load p apply. r (only av	ether all (ed togeth pairs; there railable fo	C+ line ier. The efore, if
Rey Colored Handles Colored Handles Ineering Information Key Potential S Line side current short circuit a Load side current with test jack Neutral bar (n	Switch : switch wit :ssembly ent switch assembly to switch)	th	Custom Popole arranç pole arranç side, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: . Be sure to nown above different ca	The kep specified assenting are constalled numbers Swi	ry may be u y base size nblies are to nnected in li umbers will tch Cove	ased to di and when be busse ne-load p apply. r (only av	ether all (ed togeth pairs; there railable fo	C+ line ier. The efore, if
Rey Potential S Line side current short circuit a Load side current with test jack Neutral Potential S Neutral Potential S	Switch ssembly ent switch assembly o switch) tial Switch	th	Custom Popole arrançiside, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: Be sure to //shunt circu nown above different ca	The kep specified assentiate control of the control	by may be up y base size on the size of th	ased to di and when be busse ne-load p apply. r (only av	ether all (ed togeth pairs; there railable fo	C+ line ier. The efore, if
Rey Potential S Line side current short circuit a Load side current with test jack Neutral Potential	Switch I switch with I ssembly I switch I sssembly I o switch I tial Switch I on on base	th	Custom Popole arrangiside, currer catalog nur bussed is re	ole Arrangement. In the switch of the switc	ngements: . Be sure to solve the sure of t	The kep of specific specific specific assentiated on the second specific sp	ry may be used by base sized in light process will be to be to be the content of	ased to di and when be busse ne-load p apply. r (only av	ether all (ed togeth pairs; there railable fo	C+ line ier. The efore, if

Customer Name:





Current Transformer Cabinet

Panel Enclosure | Type 3R

TRANSFORMER CABINET





Outdoor Transformer Cabinets | NEMA 3R

Outdoor manistermer c		.,-							
Catalog Number	Dimensions			Gauge of Steel	CT Mounting	# of	Latching Type	Utility	
	D"	W"	H"	or Aluminum	Provisions	Doors	, , , , , , , , , , , , , , , , , , ,	Approval	
363612-CT3R-SP4	12	36	36	12	Backplate	2	3 Point Latch	LG&E	
484814-CT3R-SP1	14	48	48	12	Backplate	2	3 Point Latch	LG&E	
323412-SC3R-DUKE	12	32	34	12	CT Plate	1	Hasp	Duke	
404014-CT3R-DUKE	14	40	40	12	CT Plate	2	3 Point Latch	Duke	
323412-SC3RA-DUKE	12	32	34	.125	CT Plate	1	Hasp	Duke	
404014-CT3RA-DUKE	14	40	40	.125	CT Plate	2	3 Point Latch	Duke	

Notes

- Features: Supplied with solid back board when noted, three-point locking handle, lift off hinges with stainless steel pins and padlock provisions.
- **U5990-O:** is 3Ø with a 50K RMS rating, and has a wire range of #4-600 kcmil.
- Approvals: See utility approval chart on page 63.







Multi-Position Tap Box

Three Phase | Aluminum Construction | Wall or Pad Mountable



Features

- Painted Aluminum Construction: Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder-coat paint finish helps prevent corrosion.
- Capable of Wall or Pad Mounting: Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- Smaller Footprint: The UAP6094 model has a more compact footprint compared with the leading competitor.
- Multi-port ground lugs
- Optional Pentabolt Secured Handle available (see pics below): Enclosure handle can be included with an optional pentabolt locking mechanism (see photos below) for enhanced protection.





Common Applications







Catalan Number	Dhasa	Position	Maximum	Maximum	Dimensions		
Catalog Number	Phase	Lugs	Wire Size	Amperage	D"	W"	H"
UAP6094-O	3	16	500 kcmil	3000 Amps	16	25%	43
UAP6095-O	3	22	500 kcmil	4000 Amps	16	32¾	43
UAP6096-O	3	14	750 kcmil	3300 Amps	16	25 ¹⁵ ⁄16	51

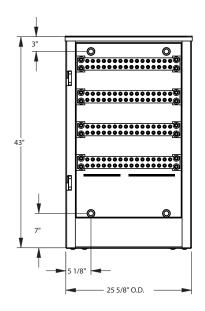
Stainless steel pad mount spacing brackets included

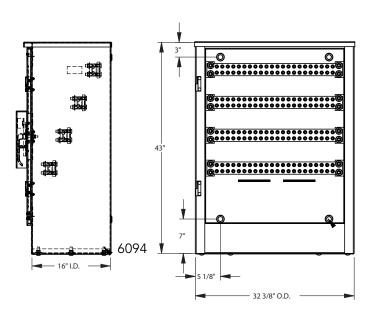


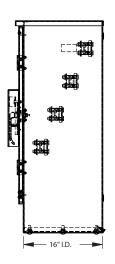
Multi-Position Tap Box

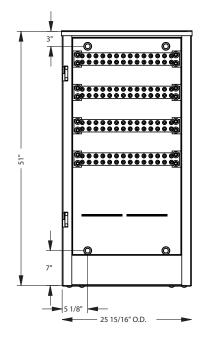
37

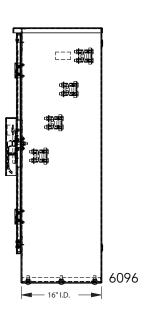
Line Drawings











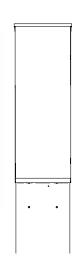


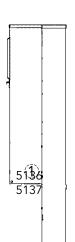
38 100-200 AMPS METER MAIN WITH LOAD CENTER PEDESTAL

Meter Main w/ Load Center Pedestal

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









Breaker Chart U5136 & U5137

Rating kAIC	Large Frame Main Breaker	Small Frame Branch Breakers
10	UQFP-M	SIEMENS: QP, QT CUTLER-HAMMER: QP, BD, BR; G.E.: TQ, THQ, THQL SQUARE D: HOM115, HOM2100
22	UQFPH-M	QPH

U6220-O-200-KK-10GR

Breaker Chart U6220

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

100-200 Amps | 4 Terminal | Meter Main Pedestal | Ringless

Catalog Number	Breaker	Service	Powerheads	Branch	Dunge	Connecto	rs CU/AL	Knockouts		
Catalog Nulliber	Amps	Service	rowerneads	Circuits	Bypass	Line	Load	1	2	3
U5136-O	Provision	UG	Single	4	Horn	#6-350	СВ	2	1/2,3/4	1/4
U5136-O-100S	100	UG	Single	4	Horn	#6-350	СВ	2	1/2,3/4	1/4
U5136-O-200S	200	UG	Single	4	Horn	#6-350	СВ	2	1/2,3/4	1/4
U5137-O-200S	200	UG	Double	4	Horn	#6-350	СВ	2	1/2,3/4	1/4

100-200 Amps | 4 Terminal | Meter Main Pedestal | Ringless

Catalan Numban	Breaker Sorvice		Powerheads	Branch	Bypass	Connecto	Knockouts			
Catalog Number	Amps	Sel vice	i owerneaus	Circuits	Буразз	Line	Load	1	2	3
U6220-O-100-KK-10GR	100	UG	Single	10	Horn	#6-350	#6-350	2	1/2,3/4	1/4
U6220-O-200-KK-10GR	200	UG	Single	8	Horn	#6-350	#6-350	2	1/2,3/4	1/4

Notes

- Parallel to series conversion: For field converting from parallel wired to series wired order K5194.
- Fifth terminal: For field installed fifth terminal, order K5T.
- Stabilizer foot: For field installed stabilizer foot, order K5415.
- Penta bolt locking: For field installed pedestal fronts penta bolt locking, order K5039.
- Receptacles: Consult factory for installed receptacle assemblies.
- Short circuit current rating: 22K AlC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- Receptacle Bridge is ordered separately on part# K5400-BRIDGE-2POS.
- Contact factory for receptacle configurations available.
- Pedestals with -10GR suffix include a 20 Amps GFI receptacle.





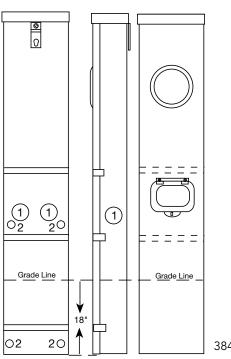
Meter Main Pedestal

METER MAIN PEDESTAL

320 Amps | 4 Terminal | Ringless | 120/240 VAC







3849

320 Amps | 4 Terminal | Meter Main Pedestal | Ringless | 120/240 VAC

Catalog Number	Service Hub		Demos	Connector	Dimensions			Knockouts			
Catalog Number	Service	nub	Bypass	Line	Load	D"	W"	Н"	1	2	3
U3849-O-2/200	UG	Blank	Lever	%"x 16 Stud	1/0-300	47/8	13	64	2	1/2,3/4	1/4

Notes

- Breakers: Supplied from factory with 2 double-pole, Milbank UQFB or UQFBH (22K AIC) bolt-on circuit breakers.
- Connectors: The line wire section is supplied with 3/8"-16 studs with hex nuts and captive Bellville washers. For line side connectors, order as extra catalog numbers K1539 (single-350 kcmil), or K1540 (single-600 kcmil), or for twin K1350 (twin350 kcmil). Order one kit per unit.
- Extension kit: For extension kit, order as extra catalog number \$1848.
- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Short circuit current rating: These units are rated 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.

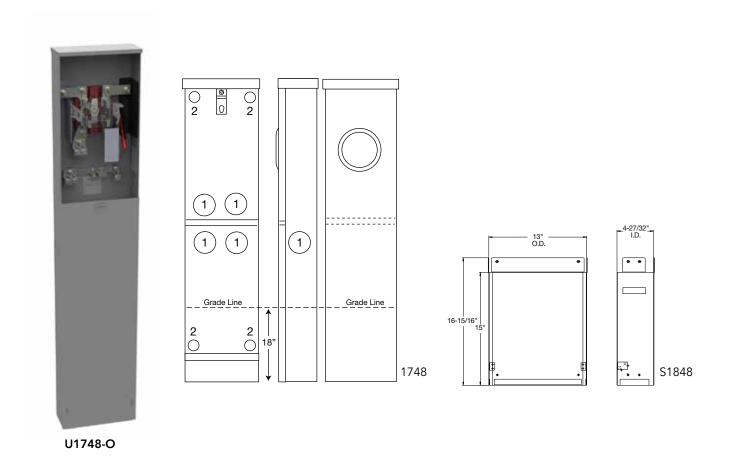






Meter Socket Pedestal

320 Amps | 4 Terminal | Ringless | 120/240 VAC



320 Amps | Ringless | 600 VAC

Catalan Numbar	Service	Hub	Bypass	Connector	s CU/AL	Di	mensio	ns	Knockouts	
Catalog Number		пub		Line	Load	D"	W"	Н"	1	2
U1748-O	UG	Blank	Lever	#6-350	(2)#6-350	47/8	13	64	2 ½	5/16

Notes

- Connectors: On the U1748-O the connectors K1539 (single-350 kcmil) are factory installed on the line side. Load side is furnished with K1350 (twin-350 kcmil).
- Extension kit: For extension kit, order as extra catalog number \$1848.
- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Hanging hook: Units supplied with hanger hooks for easy mounting.
- Short circuit current rating: These units are rated 22K AIC. Watthour meter not included in short circuit current rating.





Device Plates

U5136 & U5137



K5935-41	K5935-10GR	K5935-11GR
K5935-36GR	K5935-54	K5935-2/1450
		1



K5400-BRIDGE-2POS





42 125 AMPS TEMPORARY POWER

Temporary Power Units

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



U5101-XL-11GR

U4908-O-11GR

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

Catalog Number	Service	Hub	Connect	ors CU/AL	D	imensi	ons		Kı	nocko	uts	
		пир	Line	Load	D"	W"	H"	1	2	3	4	5
U5101-XL-11GR	ОН	C.P.	#6-350	#6-350	53/16	87/8	25	2	1½	11/4	1/4	_
U4908-O-11GR	UG	Blank	#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.
- Included parts: U4908 and U5101 come supplied with 2-20 Amps single pole breakers and 2-20 Amps GFCI receptacles installed and pre-wired.

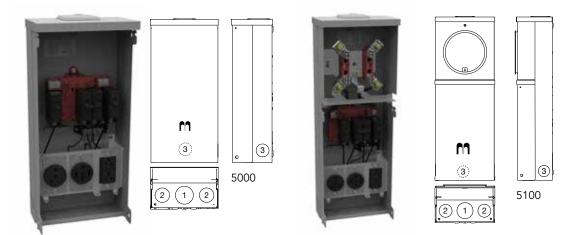




Surface Mount Power Outlet

125 AMPS
SURFACE
MOUNT POWER
OUTLET

Millennium Series | Metered & Unmetered | 120/240 VAC



U5000-XL-75 U5100-XL-75

125 Amps | Surface Mount Power Outlets | Ring-Type

Catalog	Metered/	Receptacle	Circuit Breaker	Loop	Connectors -	Dir	nensi	ons	Kr	Knockouts		
Number	Unmetered	Configuration	Configuration	Feed	Line	D"	W"	Н"	1	2	3	
U5000-XL*	Unmetered	_	_	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	1½	11/4	
U5000-XL-41	Unmetered	Α	X	Yes	(2) 1/0-#12	5½	91/8	191/4	2	1½	11/4	
U5000-XL-55	Unmetered	В	Y	Yes	(2) 1/0-#12	5½	91/8	191⁄4	2	1½	11/4	
U5000-XL-75	Unmetered	С	Z	Yes	(2) 1/0-#12	5½	91/8	191/4	2	1½	11/4	
U5100-XL*	Metered	_	_	No	#6-250	5½	91/8	25	2	1½	11/4	
U5100-XL-41	Metered	Α	X	No	#6-250	5½	91/8	25	2	1½	11/4	
U5100-XL-55	Metered	В	Y	No	#6-250	5½	91/8	25	2	1½	11/4	
U5100-XL-75	Metered	С	Z	No	#6-250	5½	91/8	25	2	1½	11/4	

^{*} Comes with circuit breaker bridge

Receptacle Configurations

А	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+6 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

For easy read meter see the accessory pages for **CL200** analog or **CL200-D** digital meter.

NOTE

Contact factory for additional configurations not shown here.

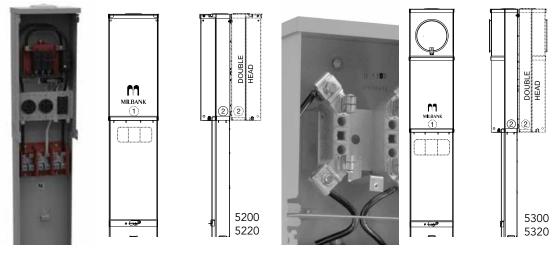




44 POWER OUTLET PEDESTALS

Power Outlet Pedestals

Millennium Series | Metered & Unmetered | 120/240 VAC



U5200-XL-75 U5300-O-75

125 Amps | Power Outlet Pedestals | Direct Burial | Ring-Type

Catalan Numban	Double Head	Metered/	Receptacle	Circuit Breaker	D	imensi	ons	Knockout
Catalog Number	Catalog Number	Unmetered	Configuration	Configuration	D"	W"	H"	1
U5200-XL*	U5220-XL	Unmetered	_	_	5%16	91/8	64½	11/4
U5200-XL-41	U5220-XL-41	Unmetered	Α	X	5%16	91/8	64½	11/4
U5200-XL-55	U5220-XL-55	Unmetered	В	Y	5%16	91/8	64½	11/4
U5200-XL-75	U5220-XL-75	Unmetered	С	Z	5%16	91/8	64½	11/4
U5300-O*	U5320-O	Metered	_	_	5%16	91/8	701/4	11/4
U5300-O-41	U5320-O-41	Metered	Α	X	5%16	91/8	701/4	11/4
U5300-O-55	U5320-O-55	Metered	В	Y	5%16	91/8	701/4	11/4
U5300-O-75	U5320-O-75	Metered	С	Z	5%16	91/8	701/4	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

Х	Υ	Z
		0-4 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

*Circuit Breaker Bridge included

NOTE

Contact factory for additional configurations not shown here.

Pad mount is available - contact factory for information.

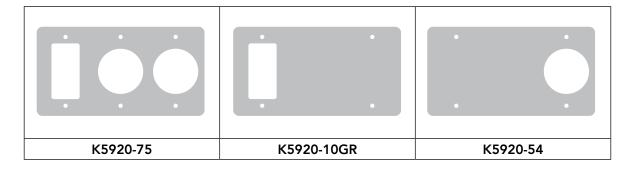


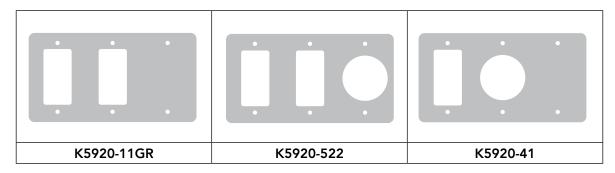


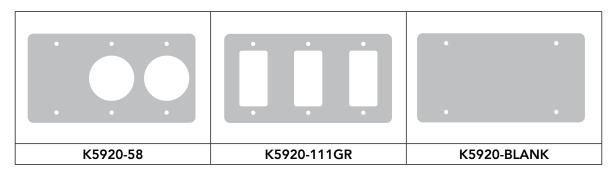
Replacement Receptacle Plates

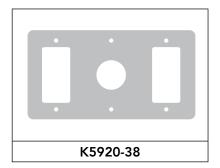
For Millennium Series Products

45
REPLACEMENT
RECEPTAGLE
PLATES









Notes

• For application details, consult factory.







Lighting Accessories

For Millennium Series Products

Internal LED Light Kits for Unmetered Power Outlets (U5000 & U5200)

Application	Internal light kit for unmetered power outlets	_
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 Q120 separately. Cover on unmetered power outlet is 19%" in height.	
Ordering	Order with -LD suffix (after catalog number) for factory installed. Order catalog number K6212 for field installed.	

Internal Florescent Light Kits for Unmetered Power Outlets (U5000 & U5200)

Application	Internal light kit for unmetered power outlets	
Fluorescent Features	Includes 5-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 unmetered power outlet is 191/8" in height.	
Ordering	Order with -L suffix (after catalog number) for factory installed. Order catalog number K5411 for field installed.	

Photoelectric Light Control Kit

	Light Control Ric	
Application	Photoelectric light control kit for K5411 light kits.	
Features	2.5 Amps, 120 volt photo electrical control wired in series with K5411 light kits.	
Ordering	Order with -LPC suffix for factory installed light and PE control. Order catalog number K5413 for field installed.	

WARNING!

Always disconnect power prior to installing these devices.





Lighting Accessories

For Millennium Series Products



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

Application	Internal light kit for metered power outlets	
LED Fea- tures	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 Q120 separately. Cover on metered power outlet is 15½" in height.	
Ordering	Order with -LD suffix (after catalog number) for factory installed. Order catalog number K6213 for field installed.	

Application	Internal light kit for metered power outlets	
Fluorescent Features	Includes 5-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 15½" in height.	
Ordering	Order with -L suffix (after catalog number) for factory installed. Order catalog number K5412 for field installed.	

Photoelectric Light Control Kit

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

WARNING!

Always disconnect power prior to installing these devices.





Telecom and Pedestal Accessories

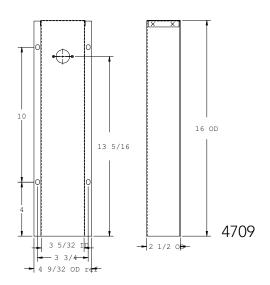
For Millennium Series Products

Telephone and Cable TV Kit

•			
Application	Mounts to rear of pedestal series U5200 and U5300 . May also be adaptable to a wooden or similar structure.		
Features	Single: 16" galvenized raceway, (1) RJ11 telephone jack and (1) Type F coaxial CATV jack. Dual: 16" galvenized raceway, (2) RJ11 telephone jacks and (1) Type F coaxial CATV jack. Includes mounting hardware and instructions.		
Ordering	Single line telephone and cable TV kit order K4709-02 .		
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 K4709 kits when mounted side-by-side.	
Ordering	Order catalog number K4709-WS .	







Pedestal Mounting Accessories

For Millennium Series Products



Field-Installed Pad Mount Kit

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



Stabilizer Foot with Hardware

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

Anchor Bolt Kit

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







Metering & Receptacle Accessories

For Millennium Series Products

Field-Installed Meter Kits

Application	Field installed meter kit for U5000 and U5200 power outlets.	2,50
Features	100 Amps cast meter socket, CL200D E-Z Read Meter, sealing ring, security seal, 1" Milbank hub, nipple and mounting screws. See CL200D for Watt-hour meter specification.	
Ordering	Order catalog number K4800-01D mechanical meter kit, or K4800-D digital meter kit.	K4800-D

E-Z Read Watt-Hour Meter

Application	200 Amps E-Z read watt-hour meter designed to be field installed on the U5100 and U5300 metered power outlets.	
Features	200 Amps form 2S 120/240 volt. Numeric readout in full kilowatt increments. No "tenths" dial; digital readout option available. Remanufactured within 1% accuracy.	Class have not Tring 17th Class Mails 1, Mails Mails 1, Mails Mails 1, Mails Mails 1, Mails 1
Ordering	Order catalog number CL200-D .	CL200-D Digital

Single Receptacle Only Power Outlet

			I
Application	Overhead/underground power ou suitable for RV, temporary service marina and boatyard equipment.		
	Type 3R, 120/240 volt single phase	2 .	
Features	Lockable cover.		
	Breaker not included (in receptac	e box).	9" IF
Ordering	Order catalog number from chart	below.	i i
Receptacle Options	P-10GWR 20A 5-20GR 120V GFI P-13 30A TT-30R 120V	P-54 50A 14-50R 120/240V	ANGER / PÉLIGRO DE ALCINEZA BOCCA BAN SHA HARMAN ANGER BOCCA BAN SHA HARMAN ANGER BOCCA BAN FERSI JANA BANGA GARAMAN ANGER FERSI JANA BANGA GARAMAN ANGER

WARNING!

Always disconnect power prior to installing these devices.





Replacement Parts & Accessories

For Millennium Series Products

5 1
REPLACEMENT
PARTS &
ACCESSORIES



Q120 20 Amps, 1 pole circuit breaker



708784-MO20 Amps, 1 pole
GFI circuit breaker



Q130 30 Amps, 1 pole circuit breaker



Q250 50 Amps, 2 pole circuit breaker

Main Breaker Kit Part number	Metered/Unmetered Surface Mount/ Pedestal	Amp
K5400-100MBM	Metered	100
K5400-100MBU	Unmetered	100



Z918466-AC Lug landing base



Z917602-AC Circuit breaker base (6-circuit)



Z915141-ACLeft or right meter block assembly







Circuit Breakers

UQFP Plug-In & UQFB Bolt-On Series | 120/240 VAC







UQFP-M UQFPH-M



UQFB-X1



UQFBH

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

A	10K AIC	22K AIC	10K AIC 22K AIC Wire R		Range	
Amps	Plug-In	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
175	UQFP-175	UQFPH-175	UQFP-M-175	UQFPH-M-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

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

A	10K AIC	22K AIC	10K AIC 22K AIC Wire R		Range	
Amps	Bolt-On	Bolt-On	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
175	UQFB-175	UQFBH-175	UQFB-175-X1	UQFBH-M-175	1/0-300	2/0-300
200	UQFB-200	UQFBH-200	UQFB-200-X1	UQFBH-M-200	1/0-300	2/0-300

Notes

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





Circuit Breakers



QP (small frame) and QN (large frame) | 120/240 VAC

15–125 Amps Breaker Plug-In Type | One-inch Per Pole

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



QN2200H



QN2200RH



WBJ2200



Q250

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

A	10K AIC Plug-In	22K AIC Plus Is	22K AIC Plug-In Handle Location		Wire Range		
Amps	TOR AIC Plug-in	22K AIC Plug-In	Handle Location	CU	AL		
150	QN2150	QN2150H	Left facing	#4-300	#4-300		
200	QN2200	QN2200H	Left facing	#4-300	#4-300		
150	QN2150R	QN2150RH	Right facing	#4-300	#4-300		
200	QN2200R	QN2200RH	Right facing	#4-300	#4-300		
150	WBJ2150	_	Centered	#2-300	#2-300		
200	WBJ2200	_	Centered	#2-300	#2-300		

Notes

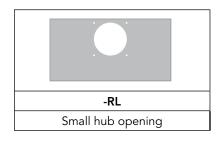
- Load connectors supplied with breakers.
- UL Listed for use with 60°C or 75°C wire.
- Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.

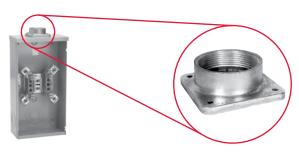


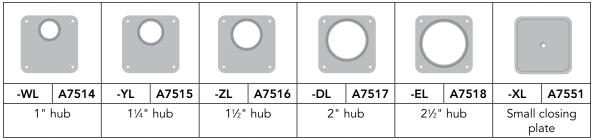


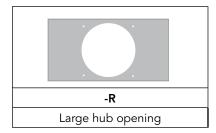
Accessories

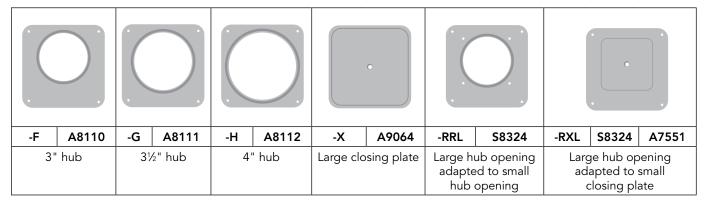
Hubs and Closing Plates











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).
- Hub Mast rated





Connector Kits, Closing Kits & Generator Interlock

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

Single **Suffix** Part # (3 per set) - 1Ø **Suffix** Part # (3 per set) - 1Ø K1539 6-350 K2 K1350 6-350 Κ1 K3 K1540 4-600 or (2) 1/0-250* K2L K1350L 6-350 (non rotating) 4-600 or (2) 1/0-250* K3L K1540L K4 K1541 4-600 (non rotating) **Suffix** Part # (4 per set) - 3Ø **Suffix** Part # (4 per set) - 3Ø K5 K3082 6-350 Κ6 K3442 6-350 4-600 or (2) 1/0-250* K7 K3441 K8 K3083 4-600

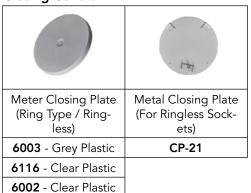
Bypass Link



Note

Consult factory for proper connector kits for studded meter sockets.

Closing Covers



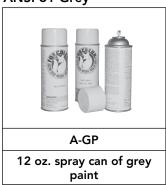
Disconnect Sleeve



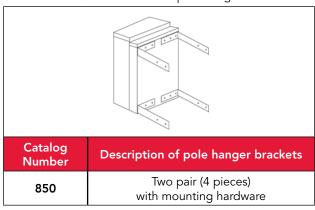
Isolated Neutral Kit



ANSI-61-Grey



Pole Hanger Kit 850 comes with 4 pole hangers







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

Accessories

Fifth Terminals, Tap Connectors & Block Assemblies

Fifth Terminals



5T8K2 - 100-200 Amps "Plug-In"



K5T - 200 Amps (Block with Square Hole)

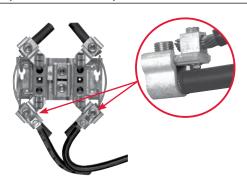


K3865 - Heavy Duty Jaw Clamping (K3866 without Neutral Wire)



K3356

Tap Connectors (3 per set)



Replaces the load or line side slide-in nut assembly on Milbank 200 Amps sockets.
Allows for a 100 Amps tap location in addition to the #6-350 kcmil load-side connector.

K5022 includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.

K4977-INT - Internal Hex Wire Range #12 - 1/0

K4977-EXT - External Hex Wire Range #12 - 1/0

K5022-INT - Internal Hex (set of 4 w/ barrier) Wire Range #12 - 1/0

Triplex Ground



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

100 Amps Blocks (single sockets only)



BL7474 - Block Assembly

BL7499 - KK Block Assembly

Z904486-AO - Slotted Nut Assembly

Z802965-AC - Neutral without Nut

Z901925-AC - Hex Nut Set Screw

200 Amps Blocks (single sockets only)



K4527 - Internal Hex Block Assembly (w/ meter support)

K4528 - External Hex Block Assembly (w/ meter support)

Z916265-AO - Internal Hex Slide Nut Assembly

Z916264-AO - External Hex Slide Nut Assembly

Z814898-AC - Neutral without Nut





57

Attractive | Easy to Install | Secure | Cost-Effective

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







Commercial pedestal

UL Listed as Industrial Control Equipment (File E113855)

Standard Features

- Type 3R rain-resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available)
- UL listed as enclosed industrial control equipment (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
- Street lighting
- Power distribution for electronic vehicle charging stations
- Communication equipment such as cell towers and telephone vaults
- Event power for fairgrounds, swap meets, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances, etc.

Available Factory-Installed Options

- Meter sockets: ring type or ringless, up to 400 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panel boards
- 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 arrestors
- Generator inlets with interlocked breakers
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and terminal blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers

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
- 480V 1Ø or 3Ø

Accessories



Padmount 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 terminal kit for use with ring type meter sockets



K3865

Fifth terminal 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

Available for applications up to 400 Amps, 120V, 208V, 240V, 277V,





Surface-Mount Compact Design

59
SURFACE
MOUNT
ENGLOSED
CONTROLS

Surface-Mount Commercial Pedestal

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

- Easy installation
- Overhead and underground entry and exit, all in one unit
- Meter and components in one enclosure
- UL508A & UL891
 - Custom component configurations
 - UL listing covers all internal components
- Can be mounted on multiple surfaces
 - Walls
 - Poles narrow profile will have minimal extension past sides
 - H Frames (Strut)
- Multiple bypass options available
- Monitoring options available
- Can be powder coated in any Milbank standard EC colors or custom colors.





Benefits

- Does not take up sidewalk space
- Flood resistant
- Eliminates need for connecting components Wire in Wire Out

Applications



Communications
Power
Distribution



Lighting Control



Streetscape Power Distribution







Main Load Center Commercial Pedestals

Main Load Center Commercial Pedestal

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 terminal 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.







Switched Load Center Commercial Pedestals

61
SWITCH-LOAD
GOMMERGIAL
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 terminal 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



Traffic Signals



Parking Lots



Highways







62 400 AMPS GOMMERGIAL PEDESTALS

Enclosed Controls

400 Amps Commercial Pedestals







Remote Site for Residential & Commercial Job Sites

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

- Choice of a single main breaker or twin service disconnect breakers gives flexibility to the pedestal design.
- Optional distribution with feed-through lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Refer to page 18 for color options

Features

These units include everything required for remote service:

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





Battery Backup Commercial Pedestals





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

Features

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

Note

• May require customization based on regional requirements



Traffic Signals



Communications
Power Distribution



Parking Lots



Options

- Manual bypass switch
- Transfer switch for generator power back-up
- 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
- GFI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arrestors and lighting arrestors





64 POWER TRANSFER COMMERCIAL PEDESTALS

Enclosed Controls

Power Transfer Commercial Pedestals



Providing metered or unmetered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle — all in a neat, 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





Traffic Signals



Communications
Power Distribution





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 480 volt three phase.

Features

- Up to 800 Amps
- A low profile CT pedestal
- All utility equipment is isolated in separated pad lockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Dead front customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel
- Wide choice of powder paint colors

Note

May require customization based on regional requirements



Commercial & Industrial Control Systems



Pump & Lift Stations



Water Treatment



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, allowing maximum flexibility to place the pedestal anywhere physical space is at premium.

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

Features

- 100 or 200 Amps
- Vandal-resistant, secure and attractive design
- Customer compartment with distribution and control equipment with swing dead front door, secured with both a hasp/latch and draw latch outer door
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism
- Small footprint
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back 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: 120V-480V
- Compatible with both ringless and ring type meter sockets, 4–7 terminals
- Available in a wide array of colors, including but not limited too all ANSI powder coated paint colors upon request
- Pedestal mounting base option saves time and labor to install on a cement pad—no anchor bolts required
- Powder coated G90 galvanized steel or Aluminum; raw, annodized or powder coated, as well as stainless steel
 exterior options

Note

• May require customization based on regional requirements



Water Treatment



Highways



Parks & Landscaping

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











and contractors alike. It's constructed with 14 guage steel and only available for 12" pedestals.

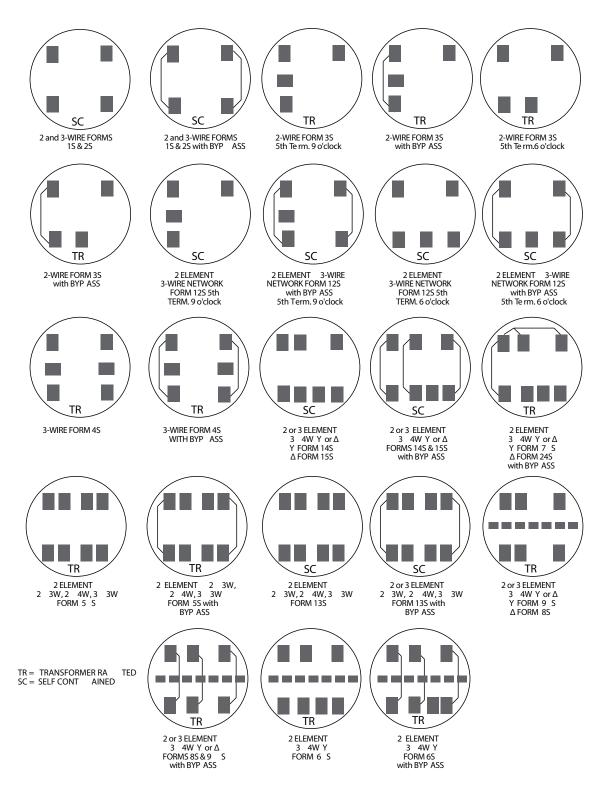




Watthour Meter Forms



Standard Forms | Transformer Rated or Self-Contained









Meter Forms

Reference Information

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

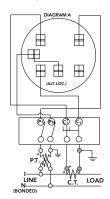


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter (2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

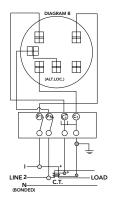


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

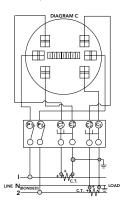


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

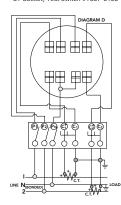


DIAGRAM E

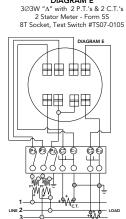


DIAGRAM F 3Ø3W "A" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

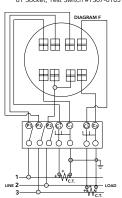


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

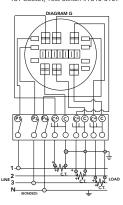


DIAGRAM H

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

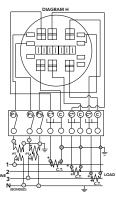


DIAGRAM I 3⊘4W "Y" or "Δ" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "Δ" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

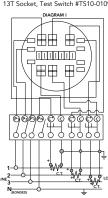
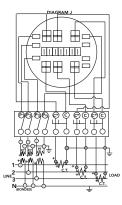


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109



Pre-wiring: If standard factory pre-wiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory pre-wiring 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.





Conduit, Ampacity & SCCR

Reference Information



MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT Table from 2008 NEC Code Reference: Rigid Metal Conduit

_	Conductor Size			(Condu	it Trac	de Size	es (Inc	hes)		
Type	(AWG/kcmil)	1/2	3/4	1	1%	1½	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.

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

,	А		J-Clad AL
Α		А	В
18	_	_	_
16	l –	_	–
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:

Insulation Types: FEPW, RH, RHW, THW, THWN, XHHW, USE, 2W. **C = Ampere Rating for Insulation Types: RH, RHW, THW, THWN,

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

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

GANG SOCKET OVERALL AMPACITIES

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

† Unless otherwise permitted elsewhere in the Code, the overcurrent protection for conductor types marked with an obelisk (†) shall not exceed 15 amps for 14 AWG, 20 amps for 12 AWG, and 30 amps for 10 AWG copper: or 15 amps for 12 AWG and 25 amps for 10 AWG aluminum and copper-clad aluminum after any correction factors for ambient temperature and number of conductors have been applied. # Some constructions are rated at 400 amps overall (1252). Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.







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

Use caution and follow established safety procedures:

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

After Energizing

Secure the installation:

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

Recommended Torque for General Applications*

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

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

AL: Aluminum





Materials & Finishes

Reference Information



Materials

Steel Quality

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

Steel Sheet

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

14 gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated.

Aluminum Extrusion

Wire-Terminals: Alloy; 6061-T6, Tin-plated for CU/AL wire.

Bus Bar: Alloy; 6101-O & 6063-O

Aluminum Sheet

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

Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fastners

Zinc-coated with a chromate dip.

Ratings & Compliance

Ratings & Compliance

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





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