



PA-DE-S.NJ-W.VA Area

Product Catalog





Milbank Overview

Energy At Work since 1927

Milbank builds solutions that move power for the residential, commercial, industrial, utility and transportation sectors. Milbank combines more than 85 years of expertise in electrical engineering design and manufacturing with a commitment to develop and globally implement sustainable, integrated and intelligent power solutions. With 22 stocking locations across the U.S., and our OneSERT program to help during emergency situations, Milbank's portfolio includes electric metering systems, PowerGen™ industrial and standby generators, transfer switches, portable power and intelligent energy management solutions. A third-generation, family-owned business, Milbank is headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



METERING & ENCLOSURES

Milbank meter sockets have set the standard for quality since 1927. With a 99.97% quality performance rating, thousands of products to meet your utility's requirements and tens of millions of sockets installed across the globe, our products help keep energy at work. When it comes to enclosures, we offer a complete line of junction boxes, telephone cabinet covers, transformer cabinets, wireways, pushbutton enclosures, consoles and thermal management products. We specialize in custom-designed enclosures to fit your specific project.



ENERGY MANAGEMENT

Milbank's PowerGen™ division is the goto resource for any application involving backup power generation and intelligent energy management. Whether you're looking for an off-the-shelf product or a custom solution designed and built to project specifications, Milbank provides the tools you need to power on. Our broad portfolio of energy management solutions includes generators, transfer switches, enclosed controls and commercial pedestals for the recreational, residential, commercial and industrial markets.



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Utility Abbreviation Explanation

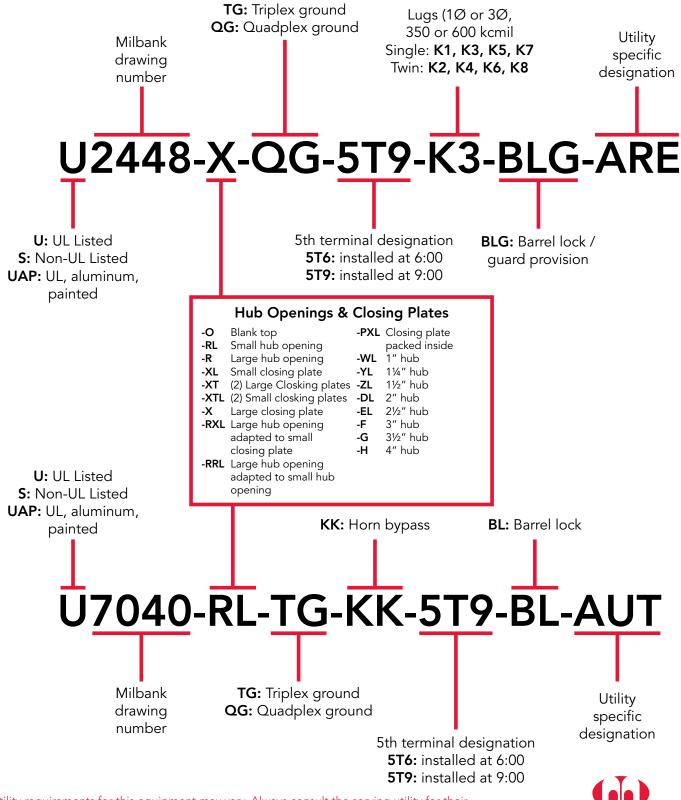
Abbreviation	Utility
ACE	Atlantic City Electric
AEP	American Electric Power
DPL	Delmarva Power
DUQ	Duquesne Light Company
FE	First Energy Utilities
PECO	Philadelphia Electric Company
PPL	PPL Electric Utilities
PSEG	Public Service Electric & Gas



Catalog Number Logic

5 CATALOG NUMBER LOGIC

How our product catalog numbers are derived







Air Conditioner Disconnects

60 amp







U3802 U3812 U3832

Milbank's air conditioner disconnect has a removable hinged cover which makes wiring a breeze. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of 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 faderesistant.

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

Catalog Number	amp	Туре	Max	Weight	Line/Loa Rar		Ground Wire	Dir	nensi	ons	Wire F	Rating
Number			H.P.	(lbs.)	CU	AL	Range CU/AL	D"	W"	Н"	CU °C	AL °C
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	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°
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 rainproof
- One-inch concentric knockouts





Air Conditioner Disconnects



60 amp | With 20 amp GFCI Receptacle



U3822-20GWR

Specifications

- Meets NEC #406.8 requirements
- Meets NEC #210.63 requirements
- UL listed as Power Outlet
- Type 3R enclosure
- In-use cover*
- Duplex ground connector

- 1" concentric knockouts
- 1Ø, 240 volt
- 60 amp, non-fused
- 20 amp GFCI receptacle
- Reset/test button
- Weather and tamper resistant

60 amp | 1Ø, 240 Volt | Air Conditioner Disconnect with GFCI Receptacle

Catalog Number	Туре	Max H.P.	Weight (lbs.)		ad Wire nge	Ground Wire	Dimensions			Wire Rating		
				CU	AL	Range CU/AL	D"	W"	H"	C∩ °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 Disconnect

Type 3R Enclosures







U4881-O-60GB

Specifications

- 240 volt ground fault protection
- UL listed, Type 3R rainproof
- 2-pole, 50 amp GFCI breaker protection
- Compact size
- Three or four wire installation

- 1Ø, 120/240 VAC
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 amp overall rating
- Easy to install

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

Catalog Number	amp	Туре	Weight		ad Wire nge	Ground Wire	Dimensions			
			(lbs.)	CU	AL	Range CU/AL	D"	W"	H"	
U4881-O	_	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	71/2	81/2	
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	71/2	81/2	
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	71/2	81/2	

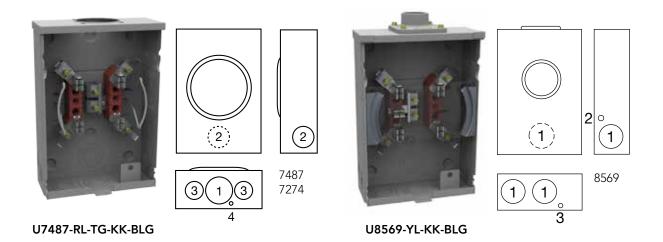




Single Position Sockets



125 amp | 4 & 5 Terminal | Ringless | Horn Bypass



125 amp | Single Position | 4 Terminal | Ringless | 1Ø3W | Horn Bypass

		Utility Approval	Service		Connectors CU/AL	Dimensions			Knockouts				
Catalog Number	amp			Hub		D"	W"	H"	1	2	3	4	
U7274-YL-KK	125	DUQ	ОН	11/4	#6-2/0	35/16	8	11½	2	1½	11/4	1/4	
U7487-YL-TG-KK-BLG*	125	FE, PPL	ОН	11/4	#6-2/0	35/16	8	11½	2	11/2	11/4	1/4	
U7487-RL-TG-KK-BLG*	125	FE, AEP, PPL	OH/UG	H.O.	#6-2/0	35/16	8	11½	2	11/2	11/4	1/4	
U7487-RL-KK-BL**	125	PECO	OH/UG	H.O.	#6-2/0	35/16	8	11½	2	11/2	11/4	1/4	

125 amp | Single Position | 5 Terminal | Ringless | 1Ø3W | Horn Bypass

Catalog Number		Utility		_	Connectors CU/AL	Dimensions			Knockouts				
	amp	Approval	Service	Hub		D"	W"	H"	1	2	3	4	
U8569-YL-KK-BLG*1	125	PSEG	ОН	11/4	#6-2/0	35/16	8	11½	1½	7/16	1/4		

Notes

- Fifth Terminal: For field mounted fifth terminal: Order catalog number 578K2 to fit into round opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock with guard provision (suffix -BLG).
- **Barrel lock (suffix -BL).



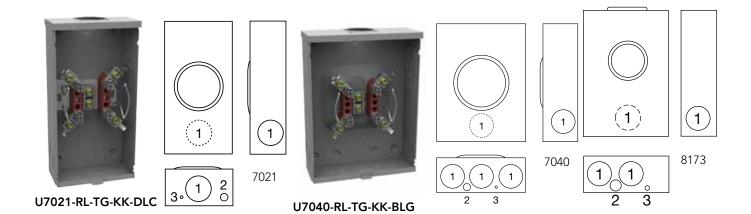


¹Lexan ®safety shield provided with U8569-YL-KK-BLG



Single Position Sockets

200 amp | 4 & 5 Terminal | Ringless | Horn Bypass



200 amp | Single Position | 4 Terminal | Ringless | 1Ø3W | Horn Bypass

	Utility	Service		Connectors	Di	mens	ions	Knockouts			
Catalog Number	Approval		Hub	CU/AL	D"	W"	H"	1	2	3	
U7021-RL-KK-BL**	PECO	ОН	H.O.	#6-350 kcmil	41/8	8	15½	21/2	1/4,1/2	1/4	
U7021-RL-KK-DLC	DUQ	ОН	H.O.	#6-350 kcmil	41//8	8	15½	21/2	1/4,1/2	1/4	
U7021-RL-TG-KK-BLG*	FE, PPL	ОН	H.O.	#6-350 kcmil	41//8	8	15½	21/2	1/4,1/2	1/4	
U7040-RL-TG-KK-BLG*	AEP	ОН	H.O.	#6-350 kcmil	41//8	11	15½	21/2	21/2	1/4	
U7040-RL-KK-DPL	ACE, DPL	ОН	H.O.	#6-350 kcmil	41/8	11	15½	21/2	21/2	1/4	

200 amp | Single Position | 5 Terminal | Ringless | 1Ø3W | Horn Bypass

Catalog Number	Utility	Service	Hub	Connectors	Di	mens	ions	Knockouts		
	Approval			CU/AL	D"	W"	H"	1	2	3
U8173-XL-KK-BLG*1	PSEG	OH/UG	C.P.	#6-350 kcmil	41//8	11	15½	21/2	1/2 ,1/4	1/4

Notes

- Fifth Terminal: For field mounted fifth terminal: Order catalog number K5T to fit into square opening at the 9 o'clock position of the new style block (#6-350 kcmil.)
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock with guard provision (suffix -BLG).

¹Lexan ®safety shield provided with U8173-XL-KK-BLG





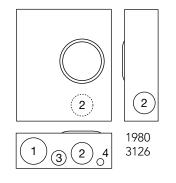
^{**}Barrel lock (suffix -BL).

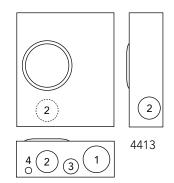
Single Position Side Wireway

200 AMP SINGLE
POSITION SIDE
WIREWAY

200 amp | 4 Terminal | Side Wireway | Ringless Horn bypass







U1980-O-KK-DPL

200 amp | 4 Terminal | Single Position | Horn Bypass | 1Ø3W | Ringless

	Utility			Connectors	Dii	mensi	ons	Knockouts					
Catalog Number	Approval	Service	Hub	CU/AL	D"	W"	H"	1	2	3	4		
U1980-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U1980-O-KK-DPL	ACE, DPL	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U1980-O-KK-BLG*	AEP	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U3126-O-KK-BLG*	PPL, FE	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U3126-O-KK-DLC	DUQ	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U4413-O-KK-BLG*	FE, PPL	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U4413-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	1½	1/4, 1/2		
U4413-O-KK-DPL	ACE, DPL	UG	Blank	#6-350 kcmil	41/2	13	151/4	3	21/2	1½	1/4, 1/2		

Notes

- Fifth Terminal: For field mounted fifth terminal: Order catalog number K5T to fit into square opening at the 9 o'clock position.
- Connectors Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock with guard provision (suffix -BLG).
- **Barrel lock (suffix -BL).





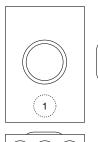
12 200 AMP SINGLE POSITION LEVER BYPASS

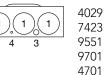
Single Position Lever Bypass

200 amp | 5 & 7 Terminal | Lever Bypass | Ringless

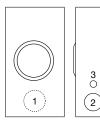




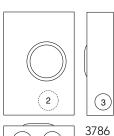




(2)







1 1 3/8

200 amp | 7 Terminal | Medium Duty Lever Bypass | 3Ø4W | Ringless

		Utility		_	Connectors	Dii	mensi	ons		Knoc	kouts	
Catalog Number	amp	Approval	Service	Hub	CU/AL	D"	W"	H.	1	2	3	4
U7423-RXL	200	PECO	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1/4
U4029-X-DPL	200	ACE, DPL	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1/4
U3786-O-BLG*	200	FE,PPL	UG	Blank	#6-350 kcmil	6	18	191/4	4	3	21/2	1/2

200 amp | 5 Terminal | Commercial Lever Bypass | 1Ø3W or 3Ø3W | Ringless

			Utility		_	Connectors	Dir	mensi	ons		Kno	kouts	
	Catalog Number	amp	Approval	Service	Hub	CU/AL	D"	W"	Н"	1	2	3	4
ĺ	U9551-R-5T9	200	FE	OH/UG	H.O.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1/4
	U9551-X-DPL	200	ACE, DPL	OH/UG	C.P	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1/4

200 amp | 7 Terminal | HD Lever Bypass | 3Ø4W | Ringless

	No. of	Utility			Connectors	Diı	mensi	ons		Knoc	kouts	
Catalog Number	Term	Approval	Service	Hub	CU/AL	D"	W"	H"	1	2	3	4
U9700-RRL-BLG*	7	FE	ОН	H.O.	#6-350 kcmil	47/8	10	18½	3	2½	3/4	1/2,1/4
U9701-RRL-BLG*	7	FE, AEP	ОН	H.O.	#6-350 kcmil	47/8	13	19	3	2½	1/2,1/4	1/4
U7421-RRL	7	PPL	ОН	H.O.	#6-350 kcmil	47/8	10	18½	3	21/2	3/4	1/2,1/4
U4701-XL-BLG	7	PSEG	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	2½	1/2,1/4	1/4

Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin plated. U9551 units include removable bonding strap for isolated neutral.
- Bypass: Heavy Duty Lever supplies clamping action and also operates bypass device.

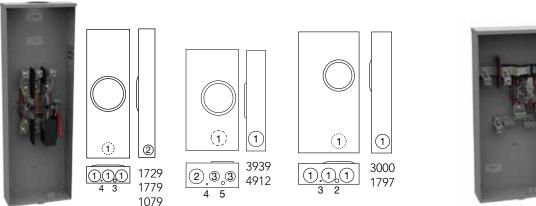


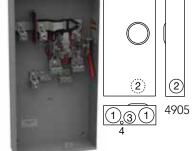


Single Position Heavy Duty Lever Bypass

320 AMP SINGLE

320 amp | 4 Terminal | Heavy Duty Lever Bypass | Ringless





U1779-R-K3-BLG

U1797-O-K3L-K2L-BLG

320 amp | 4 Terminal | Single Position | HD Lever Bypass | 1Ø3W | Ringless

	Utility			Conne	ectors	Dir	nens	ions		Kr	ockou	its	
Catalog Number	Approval	Service	Hub	Line	Load	D"		Н"	1	2	3	4	5
U1779-R-K3-BLG*	FE, AEP	ОН	H.O.	#4-600 kmil (2) 1/0-250	% _" -16 stud	47/8	13	38¾	3	2½	1/4, 1/2	1/4	
U1079-RRL-K3-BLG*	PPL	ОН	C.P.	#4-600 kmil (2) 1/0-250	% _" -16 stud	47/8	13	38¾	3½	2½	1/2, 1/4	1/4	_
U1729-X-DPL	DPL	OH/UG	C.P.	3% _" -16 stud	3% _" -16 stud	47/8	13	29¾	3	3	1/2, 1/4	1/4	_
U4905-X-BLG* 1	AEP	OH/UG	C.P.	3% _" -16 stud	³⁄8″-16 stud	5¾	16	38¾	4	3½	3	1/2, 1/4	_
U3939-X ¹	PPL	UG	C.P.	3% _" -16 stud	³⁄8″-16 stud	5¾	16	30	3½	4	3½	7/8	_
U4912-X-K3-BLG* 1	FE	UG	C.P.	#4-600 kmil	3/8"-16 stud	5¾	16	30	3½	4	3	1/4	1
U1797-O-K3L-K2L-BLG* ¹	AEP	UG	Blank	#4-600 kmil (2) 1/0-250	twin #6-350 kcmil	47/8	15	30	3	1/4, 1/2	1/4	_	_
U3000-O-2/K3L-BL** 1	PECO	UG	Blank	#4-600 kmil	(2) 1/0-250	47/8	15	30	3	1/4, 1/2	1/4	_	_

Notes

- Fifth Terminal: For field mounted fifth terminal order K3865 for U1729 & U3000, K3866 for U1779.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin plated. For single lug connector kit order as extra: K1539 (350 kcmil) or K1540 (600 kcmil). For twin lug connectors are tine plated. For twin lug connectors: K1350 (350 kcmil). Order two kits to cover both line and load on sockets not supplied with line connectors.
- Lever Bypass: Lever bypass supplies clamping action on the meter spades and also operated the bypass device.
- *Barrel lock with guard provision (suffix -BLG).
- **Barrel lock (suffix -BL).
- ¹ Unit are side bussed



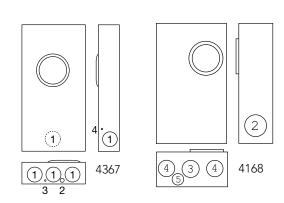


14 320 AMP SINGLE POSITION

Single Position Heavy Duty Lever Bypass

320 amp | 5 & 7 Terminal | Heavy Duty Lever Bypass | Ringless





U4367-XPF-BLG

320 amp | 5 & 7 Terminal | Single Position | HD Lever Bypass | Ringless

G. I. N. I	No. of	Utility	<u>.</u>		Conn	ectors	Di	mens	ons		Knc	cko	uts	
Catalog Number	Terms	Approval	Service	Hub	Line	Load	D"	W"	Н″	1	2	3	4	5
U4367-XPF-BLG*	5	PSEG	ОН	C.P.	3% _" -16 stud	³⁄8″-16 stud	47/8	13	281/4	3	1/4, 1/2	1/4	7/16	_
U4168-X-K7-BLG*	7	FE, PPL	OH/UG	C.P.	#4-600 kmil (2) 1/0-250	3/8"-16 stud	6½	19	341//8	_	3	4	4	1/2

Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: For units supplied with 3/8" 16 hex head nuts with Belleville washers on line side. Order connector kits on pg 38.
- Lever Bypass: Lever bypass supplies clamping action on the meter spades and also operated the bypass device.





^{*}Barrel lock with guard provision (suffix -BLG).

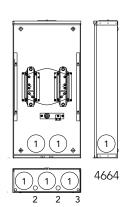
¹ Unit are side bussed

K-Base Bolt-in Meter Socket

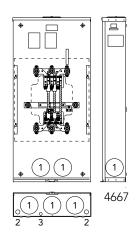
K-Base Bolt-in Meter

15 C-BASE BOLT-IN METER SOCKETS









U4664-X-8522-DPL

U4667-X-8043-DPL

400 amp | 4 Terminal | Ringless | 1Ø3W

C. I. N. I	Utility	a .		Conn	ectors	Di	imensi	ons	Kn	ocko	uts
Catalog Number	Approval	Service	Hub	Line	Load	D"	W"	H′	1	2	3
U4664-X-8522-DPL	ACE, DPL	OH/UG	(1) Large C.P. (-X)	1/2"-20 stud	1/2″-20 stud	6	17¾	36	4	3/4	1/4

7 Terminal | Ringless | 3Ø4W

C. I. N. I	Continue	Utility	<i>a</i> .		Conn	ectors	Di	mensio	ons	Kn	ocko	uts
Catalog Number	amp Rating	Approval	Service	Hub	Line	Load	D"	W"	Н"	1	2	3
U4667-X-8043-DPL	400	DPL	OH/UG	(1) Large C.P. (-X)	1/2"-20 stud	1/2"-20 stud	6	201/4	34	4	3/4	1/4
U4667-X-8527-DPL	480	DPL	OH/UG	(1) Large C.P. (-X)	1/2″-20 stud	1/2"-20 stud	6	201/4	43	4	3/4	1/4

Notes

- Hubs: For proper hub selection see hub suffix chart in the accessory section of this catalog.
- Application: For use with self-contained Type MS-K watthour meters.
- Capacity: 480 amp continuous / 600 amp max for the U4667-X-8527-DPL
- Terminal: 1/2"-20 steel studs with nuts and captive Belleville washers to accommodate various bolt-on type lugs for conductors from #6 to 800 kcmil. All units come with ground lugs factory installed.
- Enclosure: Constructed of 14 gauge galvanized steel suitable for indoor or outdoor installations. Ringless cover.
- Meter Mounting: Two position stud type. One set of studs provides out-of-service storage. The in-service studs are positioned so the meter cannot be installed upside-down. Use 1/2" insulated wrench. Full travel meter opening slide plate eliminates the need for repositioning the slide plate for the "IN" of "OUT OF SERVICE" position.
- Blocks: Glass fiber reinforced polyester plastic. high arc withstand strength and track resistant. Provisions for lightning arresters.
- Connectors: Phase and neutral connectors not included. See accessory pages for connectors.







Lugs for K-Base







#Z703918-AC #56732 #Z704694-AC #56732-M



#Z703919-AC #58853 #Z704693-AC #56427-M



#Z703921-AC #56476



#Z705420-AC #5642



#Z705456-AC #56425



#Z708145-AC

Bolt-on type lugs for Milbank stud type meter mounting devices are made of 6061-T6 aluminum to provide high strength and high conductivity. All lugs are tin-plated to ensure low contact resistance and to reduce corrosion. Allen or hex head pressure screws are furnished to provide excellent conductor spread for maximum binding action with the lug.

Catalan Namahan	L&G Connector	Number of Conductors	Stud	Pressure	Di	mensio	ns
Catalog Number	Number	& Size	Opening	Screw Head	L"	W"	Н"
Z703916-AC	58852	3/0-800 kcmil	9/16"	1/2" Allen	315/16	13/4	1 ¹³ / ₁₆
Z703917-AC	56427	Two #6-350 kcmil	9/16"	5/16" Allen	45/16	11//8	21/16
Z703918-AC	56732	Two #4-350 kcmil	9/16"	5/16" Allen	27/8	159/64	11/4
Z703919-AC	58853	Two #6-350 kcmil	9/16"	5/16" Allen	315/16	11//8	1½
Z703921-AC	56476	3/0-800 kcmil	9/16"	1/2" Allen	31/4	15/16	1 ¹³ / ₁₆
Z704693-AC	56427-M	Two #2-500 kcmil	9/16"	3/8" Allen	41/4	11//8	1 ¹³ ⁄ ₁₆
Z704694-AC	56732-M	Two #4-500 kcmil	9/16"	3/8" Allen	213/16	25/32	1 ¹³ / ₁₆
Z705420-AC	56426	Four #6-350 kcmil	17/32"	5/16" Allen	21/8	315/16	1%16
Z705456-AC	56425	Two #6-350 kcmil	9/16"	5/16" Allen	27/8	157/64	11/4
Z708145-AC	68752-1	Three #6-250 kcmil	9/16"	5/16" Allen	27/8	21/2	15/16

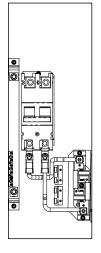


Unmetered Power Outlet

UNMETERED POWER OUTLET

200 amp | 4 Terminal | 120/240 VAC













400

USE-22-200-MB

U5971-XL-200

200 amp | 1Ø3W

	Breakers		Branch		Connectors	Di	mensic	ons			Knock	outs	
Catalog Number	Installed	Service	Circuits	Hub	Line	D"	W"	H"	1	2	3	4	5
USE-22-200-MB	200	ОН	4 Branch	H.O.	2/0-300 kcmil	4	81/8	225/8	2	1	1/2, 3/4	_	_
U5971-XL-200	200	OH/UG	8 Branch	C.P.	2/0-300 kcmil	41/2	141//8	30	3	21/2	1	1/2, 3/4	1/2, 1/4

Notes

- The neutral bus/ground bar is factory installed.
- **USE-22-200-MB:** 200 amp main with provisions for 200 amp direct wire feeder. 200 amp bolt-on-breaker wired in series with plug-in style bus. Space for four single pole or two 2-pole plug-in, branch circuit breakers. Quandplex style breakers may be used in accordance with the NEC.
- AIC Rating: The USE -22-200-MB has an AIC Rating of 10K. U5971-XL-200 has an AIC Rating of 22K.

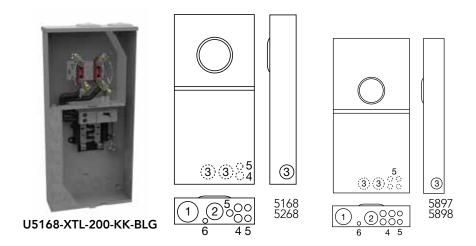




18 200 AMP METER MAIN W/ LOAD GENTER

Meter Main With Load Center

200 amp | 4 Terminal | Ringless | Horn Bypass | 120/240 VAC



200 amp | 4 Terminal | Ringless | Horn Bypass

<u> </u>		71													
Catalog Number	Utility	Service	0 100 10	Hub	Connec	tors	Di	mensi	ons		Kr	100	kou	ts	
Catalog Number	Approval	Service	amp	пив	Line	Load	D"	W"	Н"	1	2	3	4	5	6
**U5168-XTL-100-KK-BL	PECO	ОН	100	C.P.	#6-350 kcmil	СВ	41/2	141//8	30	3	21/2	2	1	3/4	1/2
*U5168-XTL-100-KK-BLG	FE, PPL, AEP	ОН	100	C.P.	#6-350 kcmil	СВ	41/2	141/8	30	3	21/2	2	1	3/4	1/2
**U5168-XTL-200-KK-BL	PECO	ОН	200	C.P.	#6-350 kcmil	СВ	41/2	141//8	30	3	21/2	2	1	3/4	1/2
*U5168-XTL-200-KK-BLG	FE, PPL, AEP	ОН	200	C.P.	#6-350 kcmil	СВ	41/2	141/8	30	3	21/2	2	1	3/4	1/2
U5897-RL-150-KK-DPL ¹	ACE, DPL	OH/UG	150	H.O	#6-350 kcmil	СВ	41/2	17	34½	3	21/2	2	1	3/4	1/2
U5897-RL-200-KK-DPL ¹	ACE, DPL	OH/UG	200	H.O	#6-350 kcmil	СВ	41/2	17	34½	3	21/2	2	1	3/4	1/2
**U5898-O-200-KK-BL ²	PECO	UG	200	Blank	#6-350 kcmil	СВ	41/2	17	34½	3	21/2	2	1	3/4	1/2
*U5898-O-200-KK-BLG ²	FE, PPL, AEP	UG	200	Blank	#6-350 kcmil	СВ	41/2	17	34½	3	21/2	2	1	3/4	1/2
*U5268-XTL-200-KK-BLG*** 1	FE, PPL, AEP	OH/UG	200	C.P.	#6-350 kcmil	СВ	41/2	141/8	30	3	21/2	2	1	3/4	1/2

Notes

- Hub: Order hubs as a separate item. See accessory page for hub options.
- Interior: U5168, 5897, and 5898 units have 8 circuit interior.
- Fifth Terminal: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- Breakers: Rated 22K AIC with Milbank QN2200RH main installed.
- Interlock Kit: For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN.
- Sub-Feed Lugs: #6-350 kcmil sub-feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.
- ¹ The **U5897** has side wireway feed.
- ² The **U5898** has side buss feed.
- *Barrel lock with guard provision. (suffix -BLG)
- **Barrel lock. (suffix -BL)
- ***The **U5268** has a 20 circuit load center.

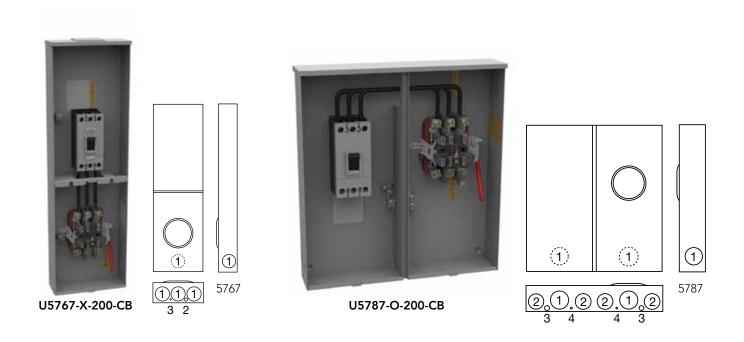




Cold Sequence Meter Mains

200 AMP GOLD SEQUENCE METER MAINS

200 amp | 7 Terminal | HD Lever Bypass | Ringless



200 amp | 7 Terminal | Heavy Duty Lever Bypass | 3Ø4W | Ringless

		Utility			Connectors	Din	nensio	ons		Knoc	kouts	
Catalog Number	amp	Approval	Service	Hub	CU/AL	D"	W"	H"	1	2	3	4
U5767-X-200-CB	200	PPL	ОН	C.P.	#6-350 kcmil	427/32	13	43	3	3	1/2	1/4
U5787-O-200-CB	200	PPL	UG	Blank	#6-350 kcmil	4 ²⁷ / ₃₂	26	28	3	21/2	1/2	1/4

Notes

- Circuit Breaker ahead of meter socket.
- Cold Sequence equipment has circuit breaker on line side of meter socket.

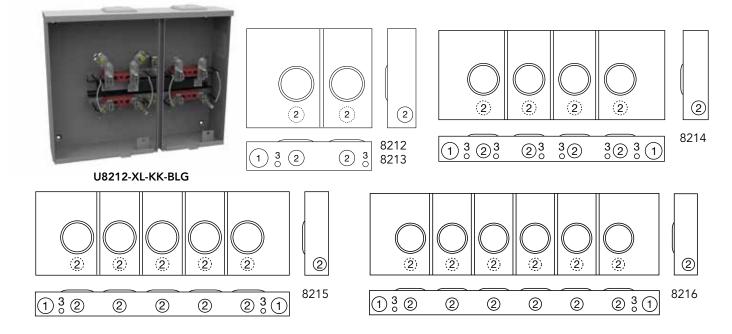




20 100 AMP MULTIPOSITION

Multi-Postion Sockets

100 amp | 4 Terminal | Horn Bypass | Ringless | 300 VAC



100 amp | 4 Terminal | Horn Bypass | Ringless | OH/UG | 1Ø3W | End Wireway

C. I. N. I.	Utility	No. of	No. of		Conne	ctors	D	imensio	ns	Kn	ockc	uts
Catalog Number	Approval	Positions	terminal	Hub	Line	Load	D"	W"	Н"	1	2	3
U8212-XL-KK-BLG	FE, PPL	2	4	C.P.	6-350 kcmil	#6-2/0	41/2	205/16	16	2½	2	1/4,1/2
U8213-XL-KK-BLG	FE, PPL	3	4	C.P.	6-350 kcmil	#6-2/0	41/2	28½	16	2½	2	1/4,1/2
U8214-XL-KK-BLG	FE, PPL	4	4	C.P.	6-350 kcmil	#6-2/0	41/2	4011/16	16	21/2	2	1/4,1/2
U8215-XL-KK-BLG	FE	5	4	C.P.	6-350 kcmil	#6-2/0	41/2	487/8	16	2½	2	1/4,1/2
U8216-XL-KK-BLG	FE	6	4	C.P.	6-350 kcmil	#6-2/0	41/2	571/16	16	2½	2	1/4,1/2

Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page. Hub opening is supplied at each end. Extra openings in top are closed with a closing plate as standard.
- Fifth Terminal: For field mounted fifth terminal in six o'clock position, order catalog number 5T8K2 for each meter position. For field mounted fifth terminal in nine o'clock position, order catalog number K9959 for each meter position.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- Bussing: Bussing is 5/16" x 1" aluminum.
- All units in PPL Utility area are approved for overhead service only.





Multi-Position Sockets

21
100 AMP
MULTI-POSITION
SOCKETS

100 amp | 4 & 5 Terminal | Horizontal Gangs | Ringless | 300 VAC



U8032-XL-KK-BLG

100 amp | 4 Terminal | 1Ø3W | Horn Bypass | Ringless | OH/UG | Center Wireway

	Utility	No. of		Connect	ors	Di	imensio	ns	Kr	ockou	ts
Catalog Number	Approval	Positions	Hub	Line	Load	D"	W"	Н"	1	2	3
U8032-XL-KK-BLG*	FE	2	C.P	6-350 kcmil	#6-2/0	41/2	24½	16	2 ½	2	1/2
U8032-XL-KK-BL**	PECO	2	C.P	6-350 kcmil	#6-2/0	41/2	24½	16	2 ½	2	1/2
U8033-XL-KK-BLG*	FE	3	C.P	6-350 kcmil	#6-2/0	41/2	3611/16	16	2 ½	2	1/2
U8033-XL-KK-BL**	PECO	3	C.P	6-350 kcmil	#6-2/0	41/2	3611/16	16	2 ½	2	1/2
U8034-XL-KK-BLG*	FE	4	C.P	6-350 kcmil	#6-2/0	41/2	401//8	16	2 ½	2	1/2
U8034-XL-KK-BL**	PECO	4	C.P	6-350 kcmil	#6-2/0	41/2	401//8	16	2 ½	2	1/2
U8035-XL-KK-BLG*	FE	5	C.P	6-350 kcmil	#6-2/0	41/2	491/16	16	2 ½	2	1/2
U8035-XL-KK-BL**	PECO	5	C.P	6-350 kcmil	#6-2/0	41/2	491/16	16	2 ½	2	1/2
U8036-XL-KK-BLG*	FE	6	C.P	6-350 kcmil	#6-2/0	41/2	571/4	16	2 ½	2	1/2
U8036-XL-KK-BL**	PECO	6	C.P	6-350 kcmil	#6-2/0	41/2	571/4	16	2 ½	2	1/2

100 amp | 5 Terminal | 1Ø3W | Horn Bypass | Ringless | OH/UG | Center Wireway

	Utility	No. of		Conn	ectors	Din	nensio	ns		Kn	ocko	uts	
Catalog Number	Approval	Positions	Hub	Line	Load	D"	W"	Н"	1	2	3	4	5
U1282-XL-KK-BLG*	PSEG	2	C.P.	6-350 kcmil	#6-2/0	41/2	24½	14	21/2	11/2	1/2	7/16	5/16
U1283-XL-KK-BLG*	PSEG	3	C.P.	6-350 kcmil	#6-2/0	41/2	32%	14	21/2	11/2	1/2	7/16	_

Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 for each meter position, six o'clock position only.
- Connectors: Extruded aluminum connectors are tin plated.
- Bussing: Bussing is 5/16" 1" aluminum.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock with guard provision (suffix -BLG).
- **Barrel lock (suffix -BL).

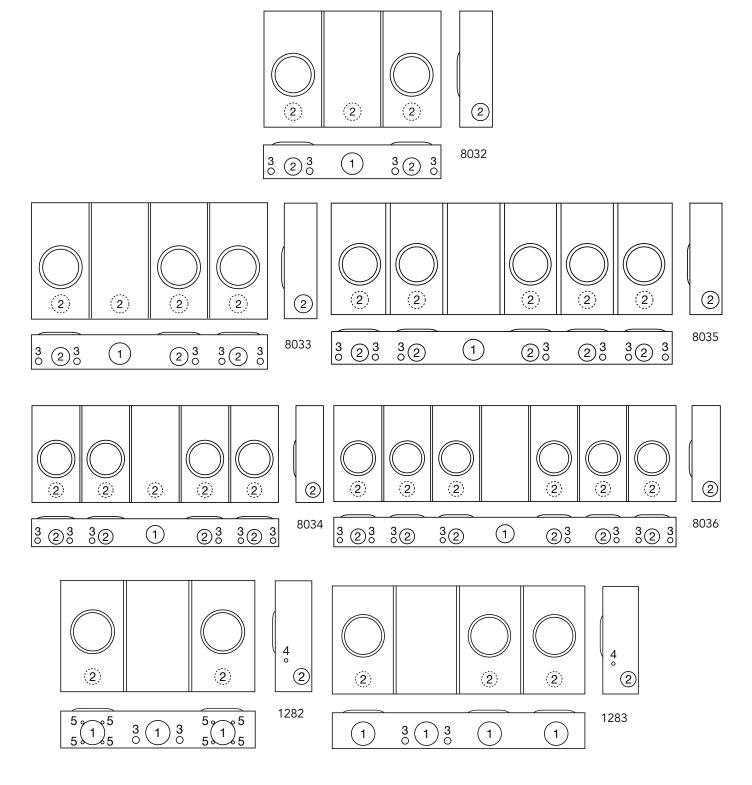




22 KNOCKOUT INFORMATION

U8032-U8036 Series

Knockout Information





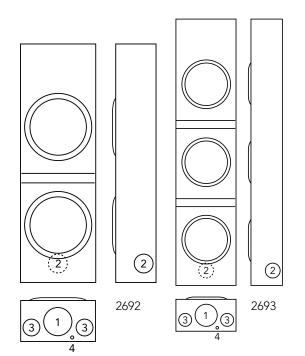
Vertical Multi-Postion Sockets

100 amp | 4 Terminal | Horn Bypass | Ringless | 300 VAC

23
100 AMP
VERTICAL
MULTI-POSITION
SOCKETS



U2692-XL-KK-BL



100 amp | 4 Terminal | Horn Bypass | Ringless | OH/UG

Catalan Numban	Utility	No. of	Hub	Connect	Dir	nensio	ns	Knockouts				
Catalog Number	Approval	Positions	пир	Line	Load	D"	W"	Н″	1	2	3	4
U2692-XL-KK-BL*	PECO	2	C.P.	#2-350 kcmil	#6-2/0	41/8	8	251/4	21/2	11/2	11/4	1/4
U2693-XL-KK-BL*	PECO	3	C.P.	#2-350 kcmil	#6-2/0	41//8	8	35¾	21/2	11/2	11/4	1/4

Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page. Hub opening is supplied at each end. Extra openings in top are closed with a closing plate as standard.
- Fifth Terminal: For field mounted fifth terminal, order catalog number 5T8K2 in 9 o'clock position only.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock (suffix -BL).
- Bussing: 1/4 x 1" aluminum bussing is supplied. Refer to general engineering section for information on ampacity of bus.



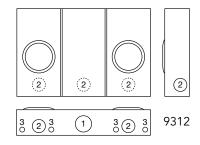
24 150 AMP MULTIPOSITION SOCKETS

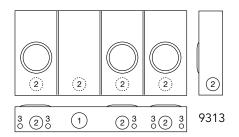
Multi-Position Sockets

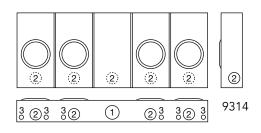
150 amp | 4 Terminal | Horizontal Gangs | Ringless | 300 VAC



U9312-XL-KK-DLC







150 amp | 4 Terminal | 1Ø3W | Horn Bypass | Horizontal Gangs | Ringless | OH/UG | Center Wireway

C. I. N. I	Utility	No. of		Connectors		Di	mensior	Knockouts			
Catalog Number	Approval	Positions	Hub	Line	Load	D"	W"	Н"	1	2	3
U9312-XL-KK-DLC	DUQ	2	C.P	6-350) kcmil	41/2	24½	16	21/2	2	1/2
U9313-XL-KK-DLC	DUQ	3	C.P	6-350) kcmil	41/2	3211/16	16	21/2	2	1/2
U9314-XL-KK-DLC	DUQ	4	C.P	6-350) kcmil	41/2	401//8	16	21/2	2	1/2

Notes

- Hub: For proper hub selection see the hub suffix chart on the accessory page.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K5T for each meter position, six o'clock position only.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- Bussing: Bussing is 5/16" x 1" aluminum.





Multi-Position Sockets

200 amp | 4 Terminal | Horizontal Gangs | Ringless | 300 VAC





U1252-X-KK-K3-BLG

200 amp | 4 Terminal | Horn Bypass | Horizontal Gangs | Ringless | 1Ø3W | OH/UG | Center Wireway

C. I. N. I.	Utility	No. of		Conne	ctors	D	imensior	ns	
Catalog Number	Approval	Pos.	Hub	Line	Load	D"	W"	Н"	
U1252-X-KK-K3-BLG*	FE, PPL	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	26½	14	
U1252-X-KK-K3-BL**	PECO	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	26½	14	
U1252-X-KK-K3-DPL	ACE, DPL	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	26½	14	
U1253-X-KK-K3-BLG*	FE, PPL	3	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	3411/16	14	
U1253-X-KK-K3-BL**	PECO	3	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	3411/16	14	
U1254-X-KK-K3-BLG*	FE, PPL	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	421/8	16	
U1254-X-KK-K3-BL**	PECO	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	421/8	16	
U1254-X-KK-K3-DPL	ACE, DPL	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	421/8	16	
U1255-X-KK-K3-BLG**	FE, PPL	5	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	541/8	16	
U1255-X-KK-K3-BL**	PECO	5	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	541/8	16	
U1256-X-KK-K3-BLG*	FE, PPL	6	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	631/16	16	
U1256-X-KK-K3-BL**	PECO	6	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	631/16	16	
U1256-X-KK-K4-DPL	ACE, DPL	6	(2)C.P.	#4-600 kcmil	#6-350 kcmil	51/8	631/16	16	

Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessory page. For the **U1255-1256** units, 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 for each meter position, 9 o'clock position only.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock (suffix -BL).
- **Barrel lock with guard provision (suffix -BLG).
- **Bussing:** Bussing is 5/16" x 1" aluminum on the **U1252-1253**. One the **U1254-6** gangs the bussing is 3/8" x 1 aluminum. Knockout information is on the following page.



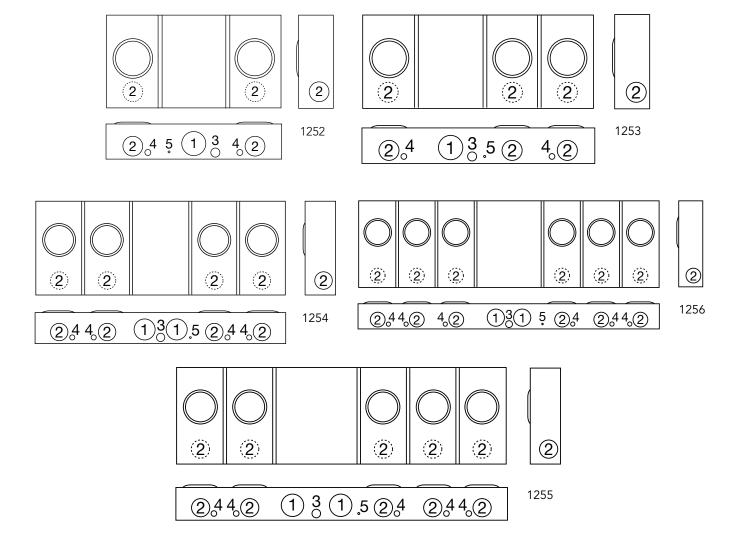




U1252-U1256 Series

Knockout Information

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

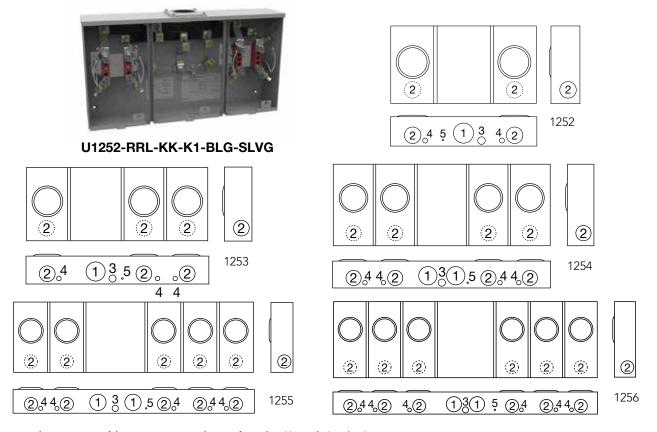




Multi-Position Sockets

27 200 AMP HORN BYPASS

200 amp | 4 Terminal | Horn Bypass | Ringless | 300 VAC



200 amp | 4 Terminal | Horn Bypass | Ringless | 1Ø3W | OH/UG

	• •	•	•	•									
0.1.11	Utility	No. of		Connectors		Deminsions				Kn	ocko	outs	
Catalog Number	Approval	Pos	Hub	Line	Load	D"	W"	Н"	1	2	3	4	5
U1252-RRL-KK-K1-BLG-SLVG	AEP	2	C.P.	#6-350	#6-350	51/8	26½	14	3	21/2	1	1/2	1/4
U1252-X-KK-K3-DLC	DUQ	2	C.P.	#4-600	#6-350	51/8	26½	14	3	21/2	1	1/2	1/4
U1253-RRL-KK-K1-BLG-SLVG	AEP	3	C.P.	#6-350	#6-350	51/8	34½	14	3	21/2	1	1/2	1/4
U1253-X-KK-K3-DLC	DUQ	3	C.P.	#4-600	#6-350	51/8	34½	14	3	21/2	1	1/2	1/4
U1254-RXL-KK-K1-BLG-SLVG	AEP	4	C.P.	#6-350	#6-350	51/8	4211/16	16	3	21/2	1	1/2	1/4
U1254-X-KK-K3-DLC	DUQ	4	C.P.	#4-600	#6-350	51/8	4211/16	16	3	21/2	1	1/2	1/4
U1255-RXL-KK-K1-BLG-SLVG	AEP	5	C.P.	#6-350	#6-350	51/8	5411/16	16	3	21/2	1	1/2	1/4
U1255 X-KK-K3-DLC	DUQ	5	C.P.	#6-350	#6-350	51/8	5411/16	16	3	21/2	1	1/2	1/4
U1256-RXL-KK-K1-BLG-SLVG	AEP	6	C.P.	#6-350	#6-350	51/8	621/8	18	3	21/2	1	1/2	1/4
U1256-X-KK-K3-DLC	DUQ	6	C.P.	#6-350	#6-350	51/8	621/8	18	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).





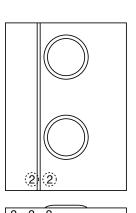
METER MAINS

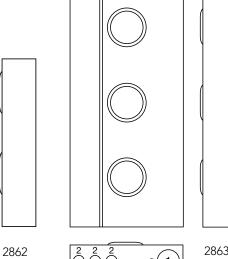
Multi-Position Meter Mains

200 amp | 4 Terminal | Ringless | 300 VAC



U2862-X-2/200-KK-K3-DPL





 $\stackrel{2}{\circ}\stackrel{2}{\circ}\stackrel{2}{\circ}$

2863

200 amp | 4 Terminal | Ringless

C. I. N. I	Utility	No. of	Llode	Conn	Connectors		Dimensions				outs
Catalog Number	Approval	Positions	Hub	Line	Load	D"	W"	Н"	1	2	3
U2862-X-2/200-KK-K1-DPL	ACE, DPL	2	C.P.	#6-350	СВ	5 ¹³ / ₁₆	21	29	3	2	1/4,1/2
U2863-X-3/200-KK-K1-DPL	ACE, DPL	3	C.P.	#6-350	СВ	5 ¹³ / ₁₆	21	29	3	2	1/4,1/2





Multi-Position Meter Mains

100-200 amp | 4 Terminal | Ringless 120/240 VAC | **22K AIC**





U5902-X-KK-BL

100-200 amp | 4 Terminal | Ringless

	Utility	No. of		Connectors	D	iminsion	s		K	nocko	outs	
Catalog Number	Approval	Pos.	Hub	Line	D"	W′	Н"	1	2	3	4	5
U5902-X-KK-BL**	PECO	2	C.P.	¾" x 16 Stud	51/8	26½	30	3	2½	1	7/8	1/4
U5902-X-KK-BLG*	AEP, PPL	2	C.P.	¾" x 16 Stud	51/8	26½	30	3	2½	1	7/8	1/4
U5903-X-KK-BL**	PECO	3	C.P.	¾" x 16 Stud	51/8	34%	30	3	3	21/2	1	
U5903-X-KK-BLG*	AEP, PPL	3	C.P.	¾" x 16 Stud	51/8	34%16	30	3	3	2½	1	
U5904-X-KK-BL**	PECO	4	C.P.	¾" x 16 Stud	51/8	4213/16	30	3	3	2½	1	_
U5904-X-KK-BLG*	AEP, PPL	4	C.P.	3%" x 16 Stud	51/8	4213/16	30	3	3	2½	1	
U5905-X-KK-BL**	PECO	5	C.P.	¾" x 16 Stud	51/8	511/16	30	3	3	2½	1	_
U5905-X-KK-BLG*	AEP, PPL	5	C.P.	¾" x 16 Stud	51/8	511/16	30	3	3	21/2	1	
U5906-X-KK-BL**	PECO	6	C.P.	3%" x 16 Stud	51/8	595/16	30	3	3	21/2	1	_
U5906-X-KK-BLG*	AEP, PPL	6	C.P.	¾" x 16 Stud	51/8	595/16	30	3	3	21/2	1	_
U5882-X-KK-BL**	PECO	2	C.P.	3%" x 16 Stud	51/8	595/16	30	3	2½	1	7/8	1/4
U5882-X-KK-BLG*	AEP, PPL	2	C.P.	¾" x 16 Stud	51/8	595/16	30	3	2½	1	7/8	1/4
U5882-X-2/200-KK-K3-DPL	ACE, DPL	2	C.P.	#4-600	51/8	595/16	30	3	3	2½	1	
U5883-X-KK-BL**	PECO	3	C.P.	¾" x 16 Stud	51/8	34%16	30	3	2½	2½	1	_
U5883-X-KK-BLG*	AEP,PPL	3	C.P.	3%" x 16 Stud	51/8	34%	30	3	2½	2½	1	
U5884-X-KK-BL**	PECO	4	C.P.	¾" x 16 Stud	51/8	4213/16	30	3	2½	2½	1	
U5884-X-KK-BLG*	AEP, PPL	4	C.P.	¾" x 16 Stud	51/8	4213/16	30	3	2½	2½	1	
U5884-X-4/200-KK-K3-DPL	ACE, PPL	4	C.P.	#4-600	51/8	4213/16	30	3	3	2½	1	_
U5885-X-KK-BL**	PECO	5	C.P.	%" x 16 Stud	51/8	511/16	30	3	2½	21/2	1	_
U5885-X-KK-BLG*	AEP, PPL	5	C.P.	3%" x 16 Stud	51/8	511/16	30	3	2½	2½	1	
U5886-X-KK-BL**	PECO	6	C.P.	¾" x 16 Stud	51/8	595/16	30	3	2½	2½	1	_
U5886-X-KK-BLG*	AEP, PPL	6	C.P.	3%" x 16 Stud	51/8	595/16	30	3	2½	2½	1	
U5886-X-6/200-KK-K3-DPL	ACE, DPL	6	C.P.	#6-350	51/8	595/16	30	3	3	2½	1	

Notes

- Hub: For proper hub selection refer to the hub suffix chart on the accessory page.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K5T for each meter position, 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Units provided with horn type bypass (suffix -KK).
- *Barrel lock with guard provision (suffix -BLG).
- **Barrel lock (suffix -BL).

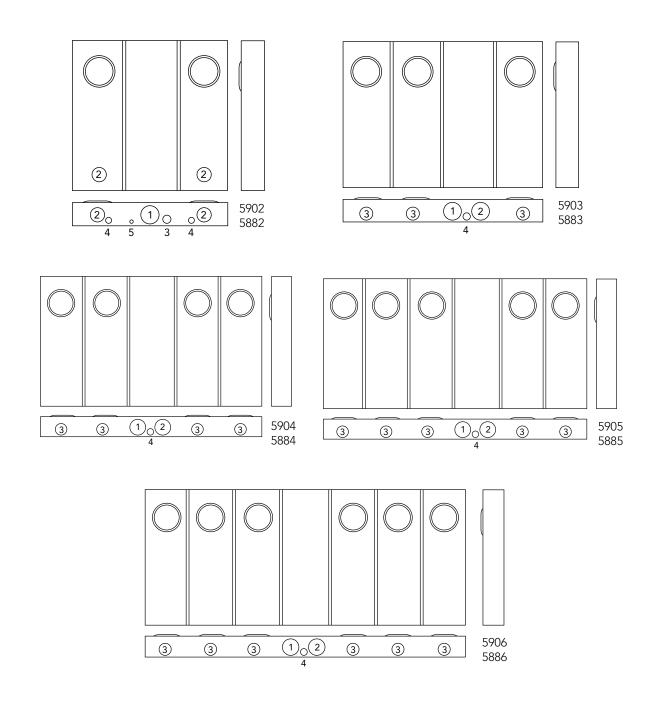






U5902-06 & U5882-86 Series

Knockout Information

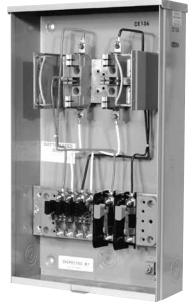


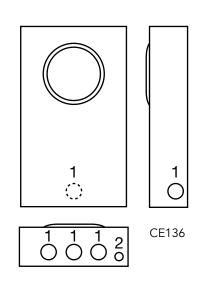


Transformer Rated Sockets

31 20 AMP GT RATED SOCKET

20 amp CT Rated Socket





CE136-CECHA

20 amp Test Switch | 6 Terminal | 1Ø

Catalan Number	Utility	Comileo	Di	mensio	ns	Knoc	kouts
Catalog Number	Approval	Service	D"	W"	H"	1	2
CE136-CECHA	PECO	UG	41//8	12	20	11/4	1/4,1/2







Transformer Cabinets



Features: Supplied with studs, three point locking handle, continuous hinge and pad-lock provision. single door provided on units less than 36" wide. Steel panels and plywood backboard are optional.

Note: Other size of Outdoor Transformer Cabinets are available. Please refer to the Milbank Commercial Electrical Enclosure catalog, featuring NEMA-rated sheet metal products.

Catalog Number	Utility	Gauge of Steel	Din	nensio	ns	CT Mounting Businian
Catalog Number	Approval	Gauge of Steel	D"	W"	Н"	CT Mounting Provision
U5990-O*	FE	12	10	36	36	CT mounting rack included

Catalan Number	Utility	Cours of Stool	Din	nensio	ns	Pane	Size
Catalog Number	Approval	Gauge of Steel	D"	W"	Н"	W" :	κ H"
182410-CTC1-SP	PECO	14	10	24	18	20	14
243210-CTC1-SP	PECO	14	10	32	24	28	20
323210-CTC1-SP	PECO	12	10	32	32	28	28
324210-CTC1-SP	PECO	12	10	42	32	38	28
425412-CTC1-SP	PECO	12	12	54	42	50	38
281815-CT3R-SP	PECO	14	15	28	18	24	14
303515-CT3R-SP	PECO	14	15	30	35	26	31
324215-CT3R-SP	PECO	12	15	32	42	28	38
403515-CT3R-SP	PECO	12	15	40	35	36	31
544215-CT3R-SP	PECO	12	15	54	42	50	38

Cotolog Number	Utility Approval	Gauge of Steel	Dimensions		ns	Panel & Backboard Catalog Numbers		
Catalog Number	Approval		D"	W"	" H	Steel	Wood	
363612-LC3R-SP-WB	AEP	14	14.3	36	36	A-36P36	A-36P36W	
484812-CT3R-WB	AEP	14	12	48	48	_	Included	
606015-CT3R-WB	AEP	12	15	60	60		Included	
484812-CT3R-SP**	PPL	14	12	48	48		_	

^{*}C.T. Mounting rack: this unit accommodates 3 donut style C.T.s. Removable cover for easier wiring.





^{**}Double door units

Notes

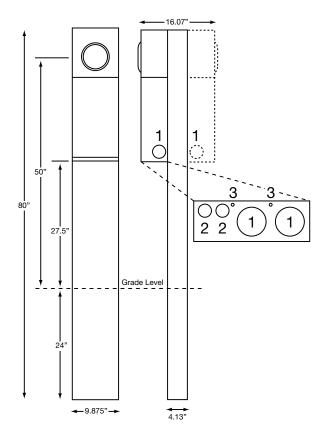
MILBANK' ENERGYAT WORK

34 METER MAIN WITH LOAD GENTER PEDESTAL

Meter Main w/ Load Center Pedestal

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





U5136-O-200S

Specifications

- UL listed file E90945.
- 200 amp maximum, 120/240 volt, single phase, three wire meter socket.
- Ringless meter socket with Horn bypass and stainless steel latch.
- Short circuit withstand rating 22K AIC.
- Type 3R construction for durable outdoor use, one piece past lockable and sealable.
- Milbank grey polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line & Neutral: (2) #6-350 kcmil per phase.
- Line Ground: (4) #14-1/0.
- Load (CB): 200 amp breaker 2/0 to 300 kcmil per pole. 100 amp breaker #3-#1 CU or #1-1/0 AL.
- Load Neutral: (1) #6-350 kcmil.
- Load Ground: (2) #14-1/0, (4) #14/6.
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 & 200 amp. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers up to a total of 125 amp maximum. Acceptable manufacters: Cutler-Hammer, GE or Siemens.
- Factory or field installable bridge and receptacle / circuit breaker kits available. See accessories.





VERSA Ped Information



Single Pedestal (Direct Burial)

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5136-O-100S	UQFPH-M-100 Series	100	4 Circuit	82
FE-PPL	U5136-O-200S	UQFPH-M-200 Series	200	4 Circuit	82
	U5136-O (parallel wired)	provision for UQFPH-M		4 Circuit	80

Double Pedestal (Direct Burial)

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5137-O-100S	(2) UQFPH-M-100 Series	100	4 Circuit	115
FE-PPL	U5137-O-200S	(2) UQFPH-M-200 Series	200	4 Circuit	115
	U5137-O (parallel wired)	provision for (2) UQFPH-M	l	4 Circuit	111

K5400-BRIDGE-1POS	Self-grounded one position receptacle bridge with hardware
K5400-BRIDGE-2POS	Self-grounded two position receptacle bridge with hardware
K415	Stabilizer Foot with hardware
K5T	5th Terminal for 208y / 120 volt 3-wire service
K5193	bus kit to convert series-wired main breaker to parallel
K5194	Wire kits to convert parallel-wired main breaker to series
K3450	Telephone / CATV mounting bracket (mounts left to right)

Specifications

- Up to two receptacle / circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- Receptacle / circuit breaker kits include receptacle, circuit breaker, connected wire, cover plate and mounting screws. Other receptacle / circuit breaker kits available.
- K5415 Stabilizer foot sold separately. Recommended for double pedestals.
- Pad mount pedestals require **K5035** pad mount kit. Order separately.
- Stock item availability subject to prior sale.





Circuit Breakers

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







UQFP-M UQFPH-M



UQFB-X1



UQFBH

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

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

	10K AIC	22K AIC	10K AIC	22K AIC	Wire Range	
amp	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 amp Breaker Plug-In Type | 1" Per Pole

	י ן טקעי		
amp	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



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

2000	10K AIC Plug-In 22K AIC Plug-I		Handle Location	Wire Range		
amp	TOR AIC Plug-in	22K AIC Flug-III	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.

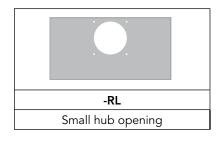


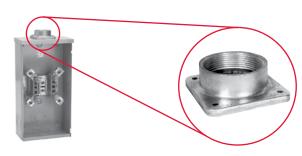


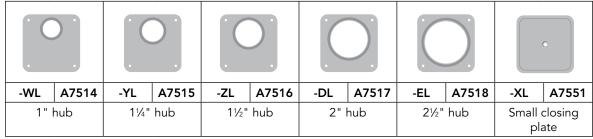


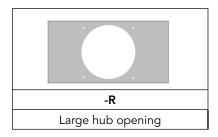
Accessories

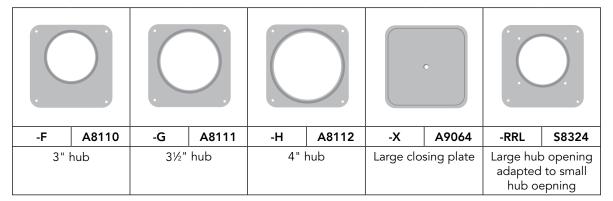
Hubs and Closing Plates











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.



Accessories



Connector Kits, Closing Kits & Generator Interlock

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



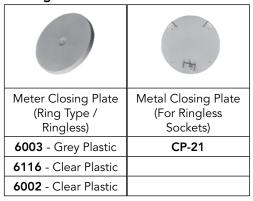
Bypass Link



Note

Consult factory for proper connector kits for studded meter sockets.

Closing Covers



Disconnect Sleeve



Isolated Neutral Kit



Note

Consult factory for kits that are available.



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



Accessories

Fifth Terminal, Tap Connectors & Block Assemblies

Fifth Terminal



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

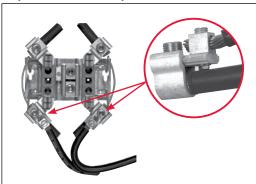


K5T - 200 amp (Block with Square Hole)



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

Tap Connectors (3 per set)



Replaces the load or line side slide-in nut assembly on Milbank 200 amp sockets.
Allows for a 100 amp tap location in addition to the #6-350 kcmil load-side connector. **K5022** includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.

K4977-INT - Internal Hex

K4977-EXT - External Hex

K5022-INT - Internal Hex (set of 4 w/ barrier)

Triplex Ground

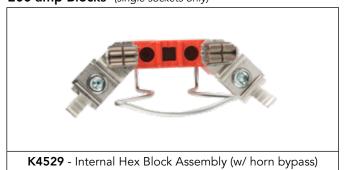


K1190(For factory installed triplex ground, add suffix -TG to catalog number)

100 amp Blocks (single sockets only)



200 amp Blocks (single sockets only)





Utility Approval List

			FE,					
Catalog Number	DPL	DUQES.	West PENN, Allegheny	PPL	PECO	ACE	PSEG	AEP
125A 4-T OU								
U7274-YL-KK		Х						
U7487-RL-TG-KK-BLG			Х	Х				Х
U7487-YL-TG-KK-BLG			Х	Х				
U7487-RL-KK-BL					Х			
125A 5-T OU					,			
U8569-YL-KK-BLG							Х	
200A 4-T OH					,			
U7021-RL-KK-BL					Х			
U7021-RL-KK-DLC		Х						
U7021-RL-TG-KK-BLG			Х	Х				
200A 4-T OU			,					
U7040-RL-TG-KK-BLG								Х
U7040-RL-KK-DPL	Х					Х		
200A 4-T UG		l						
U1980-O-KK-BL					Х			
U1980-O-KK-DPL	Х					Х		
U1980-O-KK-BLG								Х
U3126-O-KK-BLG			Х	Х				
U3126-O-KK-DLC		Х						
U4413-O-KK-BL					Х			
U4413-O-KK-BLG			Х	Х				
U4413-O-KK-DPL	Х					Х		
200A 5-T OH or OU							l	
U8173-XL-KK-BLG(OU)							Х	
U9551-X-DPL (OU)	Х					Х		
U9551-R-5T9			Х					
200A 7-T OH								
U9700-RRL-BLG			Х					
U9701-RRL-BLG			Х					Х
200A 7-T OU		l						
U7423-RXL					Х			
U4029-X-DPL	Х					Х		
U4701-XL-BLG-PSEG							Х	
U9701-RRL-BLG			Х	Х				Х
200A 7-T UG								
U3786-O-BLG			Х	Х				
320A 4-T UG			1	_				
U1079-RRL-K3-BLG				Х				
U1729-X-DPL	Х							
U3939-X				Х				
U1797-O-K3L-K2L-BLG								Х
U3000-O-2/K3L-BL					Х			

Catalog Number	DPL	DUQES.	FE, West PENN, Allegheny	PPL	PECO	ACE	PSEG	AEP
320A 4-T OU								
U1779-R-K3-BLG			Х					
U4912-X-K3-BLG			Х					
320A 7-T OU			,					
U4168-X-K7-BLG			Х	Х				
U4664-X-8522-DPL	Х					Х		
U4667-X-8043-DPL	Х							
U4667-X-8527-DPL	Х							
100A GANG SOCKETS								
U8032-XL-KK-BLG			Х					
U8032-XL-KK-BL					Х			
U8033-XL-KK-BLG			Х					
U8033-XL-KK-BL					Х			
U8034-XL-KK-BLG			Х					
U8034-XL-KK-BL					Х			
U8035-XL-KK-BLG			Х					
U8035-XL-KK-BL					Х			
U8036-XL-KK-BLG			Х					
U8036-XL-KK-BL					Х			
U1282-XL-KK-BLG							Х	
U1283-XL-KK-BLG							Х	
U8212-XL-KK-BLG			Х	Х				
U8213-XL-KK-BLG			Х	Х				
U8214-XL-KK-BLG			Х	Х				
U8215-XL-KK-BLG			Х					
U8216-XL-KK-BLG			Х					
U2692-XL-KK-BL					Х			
U2693-XL-KK-BL					Х			
150A GANG SOCKETS								
U9312-XL-KK-DLC		Х						
U9313-XL-KK-DLC		Х						
U9314-XL-KK-DLC		Х						





Utility Approval List

Catalog Number	DPL	DUQ	FE, West PENN,	PPL	PECO	ACE	PSEG	AEP
			Allegheny					
200A GANG SOCKETS								
U1252-X-KK-K3-BLG			Х	Х				
U1252-X-KK-K3-BL					Х			
U1252-X-KK-K3-DPL	Х					Х		
U1252-RRL-KK-K1-BLG-SLVG								Х
U1252-X-KK-K3-DLC		Х						
U1253-X-KK-K3-BLG			Х	Х				
U1253-X-KK-K3-BL					Х			
U1253-RRL-KK-K1-BLG-SLVG								Х
U1253-X-KK-K3-DLC		Х						
U1254-X-KK-K3-BLG			Х	Х				
U1254-X-KK-K3-BL					Х			
U1254-X-KK-K3-DPL	Χ					Х		
U1254-RXL-KK-K1-BLG-SLVG								Х
U1254-X-KK-K3-DLC		Х						
U1255-X-KK-K3-BLG			Х	Х				
U1255-X-KK-K3-BL					Х			
U1255-RXL-KK-K1-BLG-SLVG								Х
U1255 X-KK-K3-DLC		Х						
U1256-X-KK-K3-BLG			Х	Х				
U1256-X-KK-K3-BL					Х			
U1256-X-KK-K4-DPL	Χ					Х		
U1256-RXL-KK-K1-BLG-SLVG								Χ
U1256-X-KK-K3-DLC		Х						
100A METER MAIN OH								
U7375-RL-KK			X					
200A METER MAIN OU								
U5168-XTL-100-KK-BL					Х			
U5168-XTL-100-KK-BLG			Х	Х				Χ
U5168-XTL-200-KK-BL					Х			
U5168-XTL-200-KK-BLG			Х	Х				Χ
U5897-RL-150-KK-DPL	Х					Χ		
U5897-RL-200-KK-DPL	Х					Χ		
U5898-O-200-KK-BL					Х			
U5898-O-200-KK-BLG			Х		Х			Х
U5268-XTL-200-KK-BLG			Х		Х			Х

Catalog Number	DPL	DUQ	FE, West PENN, Allegheny	PPL	PECO	ACE	PSEG	AEP
200A METER MAIN OH								
USE-22-200-MB								
U5902-X-KK-BL**					Х			
U5902-X-KK-BLG*				Х				Х
U5903-X-KK-BL**					Х			
U5903-X-KK-BLG*				Х				Х
U5904-X-KK-BL**					Х			
U5904-X-KK-BLG*				Х				Х
U5905-X-KK-BL**					Х			
U5905-X-KK-BLG*				Х				Х
U5906-X-KK-BL**					Х			
U5906-X-KK-BLG*				Х				Х
U5882-X-KK-BL**					Х			
U5882-X-KK-BLG*				Х				Х
U5882-X-2/200-KK-K3-DPL	Х			Х		Х		
U5883-X-KK-BL**					Х			
U5883-X-KK-BLG*				Х				Х
U5884-X-KK-BL**					Х			
U5884-X-KK-BLG*				Х				Х
U5884-X-4/200-KK-K3-DPL	Х			Х		Х		
U5885-X-KK-BL**					Х			
U5885-X-KK-BLG*				Х				Х
U5886-X-KK-BL**					Х			
U5886-X-KK-BLG*				Х				Х
U5886-X-6/200-KK-K3-DPL	Х			Х		Х		
200A METERED PEDESTAL								
U5136-O								
U5136-O-100S			Х	Х				
U5136-O-200S			Х	Х				
U5137-O								
U5137-O-100S			Х	Х				
U5137-O-200S			Х	Х				
CT ENCLOSURES								
U5990-O			Х					
CE136-CECHA					Х			
484812-CT3R-SP				Χ				

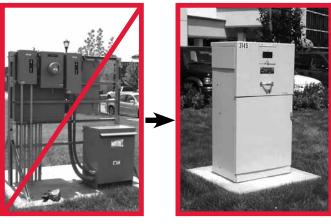


Commercial Pedestals

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Attractive | Easy to Install | Secure | Cost-Effective

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



Strut and backboard

Commercial pedestal

UL-listed as Industrial Control Equipment (File E113855)

Standard Features

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

















Commercial Pedestals

Attractive | Easy to Install | Secure | Cost-Effective

These units are ideal for controlling and metering:

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

Available Factory-Installed Options

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









Home Standby, Commercial & Industrial and Portable

Home Standby Generators

- 8-20kW Air-cooled
- 25-62kW Liquid-cooled



Transfer Switches

- SynapSwitch™ 100-200 amp
- Vigilant™ 100-1250 amp
- MTS 30-50 amp



Commercial/Industrial Generators

- 80-150kW Gaseous
- 30-400kW Diesel



Portable Generators

- 1-1.8kW Digital Inverter
- 3.2-10kW Portable Generator









SynapSwitch™

Automatic Transfer Switch

Milbank is proud to introduce the new SynapSwitch™ | Automatic Transfer Switch (ATS). Compatible with our 8-62kW home standby generators, the SynapSwitch™ will immediately signal your generator to start up in the event of a power outage - so when the power goes out, you won't be left in the dark.

FEATURES

- Load Management The SynapSwitch[™] can manage up to two electrical loads, or six when paired with remote modules, enabling you to receive whole-house power from a smaller generator.
- Intelligent Synap[™] Technology This switch uses stateof-the-art technology that constantly measures power and frequency - allowing the switch to predict and react to changes in demand, as well as prevent the generator from overloading.
- **Load Priority** The switch intelligently selects managed loads based on priority or load size.
- LED Status Indicator The indicator shows whether load is under utility or generated power and indicates which managed loads are on or off.
- Certified to FCC Chapter 15 Part B The ATS adheres to the strictest code for electronic design to avoid interference with radio and Wi-Fi signals.
- Generator Disconnect The disconnect allows the generator to be quickly taken out of service in the event of emergency shutoff.
- NEMA 3R Cabinet This durable enclosure is suitable for indoor or outdoor installations.
- Adaptability The intelligent switch automatically adapts to seasonal changes of the loads.



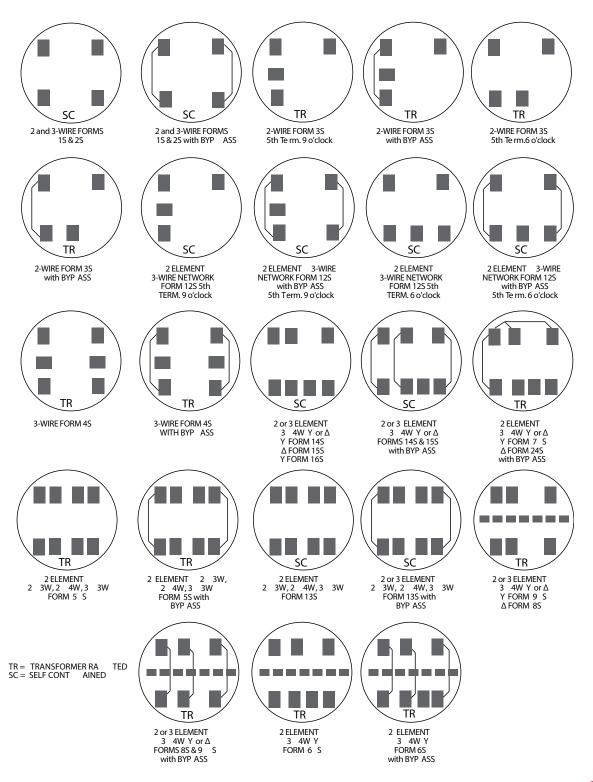






Watthour Meter Forms

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

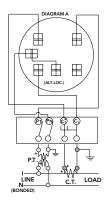


DIAGRAM B

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

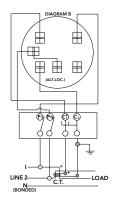


DIAGRAM C

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

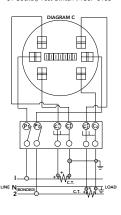


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

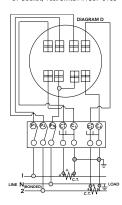


DIAGRAM E

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

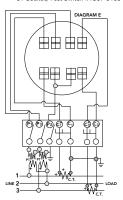


DIAGRAM F

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

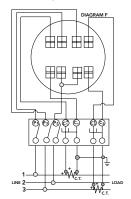


DIAGRAM G

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

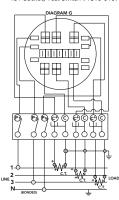


DIAGRAM H

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

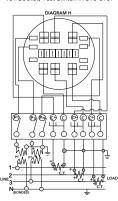


DIAGRAM I 3Ø4W "Y" or "Δ" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "Δ" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

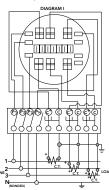
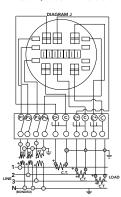


DIAGRAM J

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



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



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may require local electrical inspector approval.

wiring diagram.

Conduit, Ampacity & SCCR

Reference Information



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

	Conductor Size						de Size				
Туре	(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)

*0	U	AL or "C	u-Clad AL
Α	В	Α	С
18	-	-	-
16	-	-	-
14	201	-	-
12	25†	12	201
10	35†	10	30t
8	50	8	40
6	65	6	50
4	85	4	65
3	100	3	75
2	115	2	90
1	130	1	100
1/0	150	1/0	120
2/0	175	2/0	135
3/0	200	3/0	155
4/0	230	4/0	180
250	255	250	205
300	285	300	230
350	310	350	250
400	335	400	270
500	380	500	310
600	420	600	340
700	460	700	375
750	475	750	385

A = Size: AWG/MCM *B = Ampere Rating for Insulation Types: FEPW, RH, RHW, THW, THWN, XHHW, USE, 2W. **C = Ampere Rating for Insulation Types RH, RHW, THW, THWN, XHHW, USE

(Per NEC table 310-16)

AMPACITY CORRECTION FACTORS

AMBIENT TEMP.C°	CORRECTION FACTOR	AMBIENT TEMP.F°
21 - 25	1.05	70 - 77
26 - 30	1.00	78 - 86
31 - 35	.94	87 - 95
36 - 40	.88	96 - 104
41 - 45	.82	105 - 113
46 - 50	.75	114 - 122
51 - 55	.67	123 - 131
56 - 60	.58	132 - 140
61 - 65	.33	141 - 158

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

GANG SOCKET OVERALL AMPACITIES

NO. OF METER POSITIONS	100A / POS. AMPACITY	125A / POS. AMPACITY	150A / POS. AMPACITY	200A / POS. AMPACITY
2	200A	200A	200A	200A#
3	200A	225A	225A	270A
4	200A	250A	270A	360A
5	225A	285A	338A	450A
6	270A	330A	396A	528A

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



[#] Some constructions are rated at 400 amps overall. Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.



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

^{*} Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first.





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

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

Aluminum Sheet

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

Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fastners

Zinc-coated with a chromate dip.

Ratings & Compliance

Ratings & Compliance

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





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303515-CT3R-SP		Q125H		U1252-X-KK-K3-BL	
323210-CTC1-SP		Q130		U1252-X-KK-K3-BLG	
324210-CTC1-SP		Q130H		U1252-X-KK-K3-DLC	
324215-CT3R-SP		Q135		U1252-X-KK-K3-DPL	
363612-LC3R-SP-WB		Q135H		U1253-RRL-KK-K1-BLG-SLVG.	
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				U1253-X-KK-K3-BL	
425412-CTC1-SP		Q140H		U1253-X-KK-K3-BLG	
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K1541		Q260H		U2862-X-2/200-KK-K1-DPL	
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U4905-X-BLG	13	U8032-XL-KK-BL	21
U4912-X-K3-BLG	13	U8032-XL-KK-BLG	21
U5136-O-200S	34	U8033-XL-KK-BL	21
U5168-XTL-100-KK-BL	18	U8033-XL-KK-BLG	21
U5168-XTL-100-KK-BLG	18	U8034-XL-KK-BL	21
U5168-XTL-200-KK-BL	18	U8034-XL-KK-BLG	21
U5168-XTL-200-KK-BLG	18	U8035-XL-KK-BL	21
U5268-XTL-200-KK-BLG	18	U8035-XL-KK-BLG	21
U5767-X-200-CB	19	U8036-XL-KK-BL	21
U5787-O-200-CB	19	U8036-XL-KK-BLG	21
U5882-X-2/200-KK-K3-DPL	29	U8173-XL-KK-BLG	10
U5882-X-KK-BL	29	U8212-XL-KK-BLG	20
U5882-X-KK-BLG	29	U8213-XL-KK-BLG	20
U5883-X-KK-BL	29	U8214-XL-KK-BLG	20
U5883-X-KK-BLG	29	U8215-XL-KK-BLG	20
U5884-X-4/200-KK-K3-DPL	29	U8216-XL-KK-BLG	20
U5884-X-KK-BL	29	U8569-YL-KK-BLG	9
U5884-X-KK-BLG	29	U9312-XL-KK-DLC	24
U5885-X-KK-BL	29	U9313-XL-KK-DLC	
U5885-X-KK-BLG	29	U9314-XL-KK-DLC	24
U5886-X-6/200-KK-K3-DPL	29	U9551-R-5T9	12
U5886-X-KK-BL	29	U9551-X-DPL	12
U5886-X-KK-BLG	29	U9700-RRL-BLG	12
U5897-RL-150-KK-DPL	18	U9701-RRL-BLG	12
U5897-RL-200-KK-DPL	18	UQFB-100	36
U5898-O-200-KK-BL	18	UQFB-100-X1	36
U5898-O-200-KK-BLG	18	UQFB-125	36
U5902-X-KK-BL	29	UQFB-125-X1	36
U5902-X-KK-BLG	29	UQFB-150	36
U5903-X-KK-BL	29	UQFB-150-X1	36
U5903-X-KK-BLG	29	UQFB-175	36
U5904-X-KK-BL	29	UQFB-175-X1	36
U5904-X-KK-BLG	29	UQFB-200	36
U5905-X-KK-BL	29	UQFB-200-X1	36
U5905-X-KK-BLG	29	UQFBH-100	36
U5906-X-KK-BL	29	UQFBH-125	36
U5906-X-KK-BLG	29	UQFBH-150	
U5971-XL-200	17	UQFBH-175	36

UQFBH-2003	
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Z705456-AC16	
Z708145-AC16	5





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