



ComEd Service Area

Meter Mounting Equipment





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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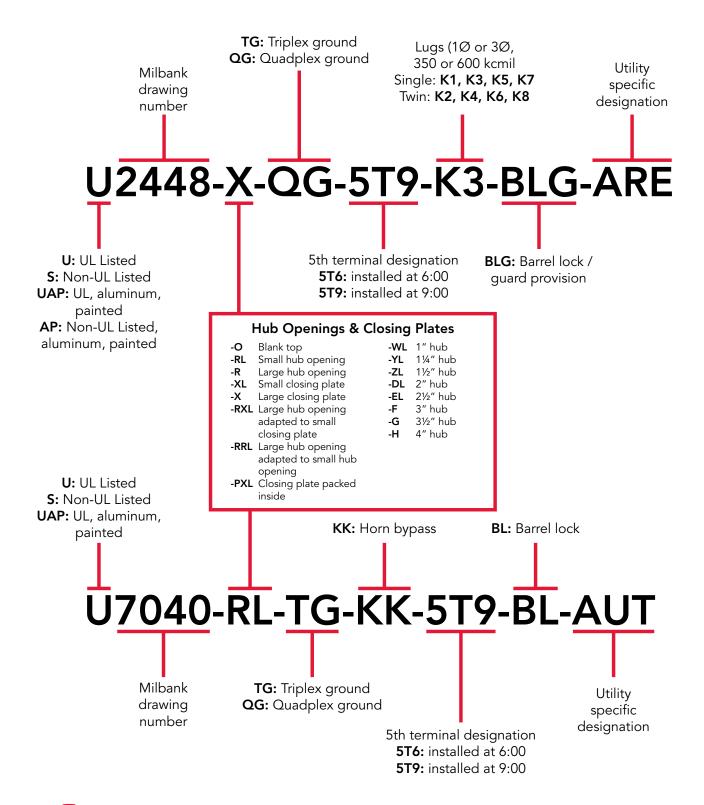
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Catalog Number Logic

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	Din	nensi	ons	Wire I	Rating
Number			п.г.	(IDS.)	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°/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 rainproof
- One-inch concentric knockouts







Air Conditioner Disconnects

20 Amp GFCI Receptacle



U3822-20GWR

Specifications

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

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

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

Catalog Number	Туре	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range	Dir	Dimensions		Wire Rating	
Number		п.г.	(IDS.)	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%	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 rainproof
- 2-pole, 50 or 60 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

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

Catalog Number	Breaker	Туре	Weight	Line/Load Wire Range		Ground Wire Range	Dir	nensio	ons
Number	Amps		(lbs.)	CU	AL	CU/AL	D"	W"	Н"
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	7½	81/2



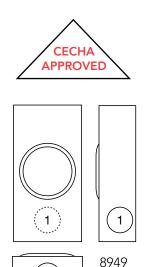




Single Position Sockets

4 Terminal | 100/200 Amp | Ringless | 600 VAC





2 1 2

U8949-RL-TG-KK-CECHA

100/200 Amp | 4 Terminal | Single Position | Ringless | 1Ø

Catalog Number	Service	Hub	Connectors CU/AL		Purson	Di	mensic	ons	Kn	ockoi	uts
Catalog Number	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3
U8949-RL-TG-KK-CECHA	ОН	H.O.	#6-350	#6-350	Horn	41/8	8	15½	21/2	11/4	1/4

Notes

- Hubs: Order hubs separately see accessory page for ordering information.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K5T to fit into square opening at the 9 o'clock position.
- Isolated Neutral: For indoor service, order as extra #BL1048-KK complete interior block assembly to be installed to provide isolated neutral.

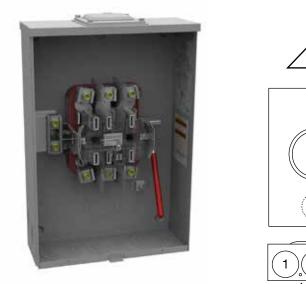


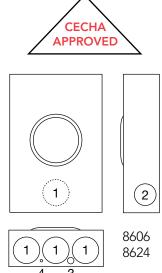


Single Position Lever Bypass



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





U8606-RXL-CECHA

200 Amp | Single Position | Ringless | 3Ø3W | Lever Bypass

Catalog Number	Terminals	Service	Hub	Conn	ectors /AL	Dimensions			Knoc	kouts	;	
				Line	Load	D"	W"	Н"	1	2	3	4
U8624-RXL-CECHA	5	ОН	C.P.	#6-350	#6-350	47/8	13	19	3	21/2	11/4	1/4,1/2
U8606-RXL-CECHA	7	ОН	C.P.	#6-350	#6-350	47/8	13	19	3	21/2	11/4	1/4,1/2

Notes

- Hubs: Order hubs separately see accessory page for ordering information.
- Connectors: Units supplied with extuded aluminum connectors and bonded triplex neutral.
- Bypass: Lever supplied clamping action on meter spades and also operates bypass device.
- Isolated Neutral: For isolated neutral, order catalog number K1047 (for the U8606 only). U8624 can be field converted to isolated neutral by removing the bonding link.



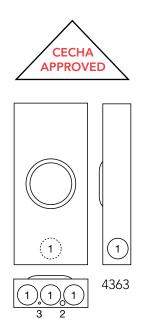




Single Position Lever Bypass

320 Amp | 4 Terminal | Ringless | 600 VAC





U4363-X-QG-CECHA

320 Amp Continuous (400 Amp Max) | 4 Terminal | Single Position | Ringless | 1Ø

Catalog Number	Service	Hub	Connecto	ors CU/AL	Dunasa	Di	mensio	ons	K	nockou	ts
Catalog Number	Service	пив	Line	Load	oad Bypass		W"	Н"	1	2	3
U4363-X-QG-CECHA	ОН	H.O.	%" x 16 Studs	%" x 16 Studs	Lever	47/8	13	281/4	3	1/4,1/2	1/4

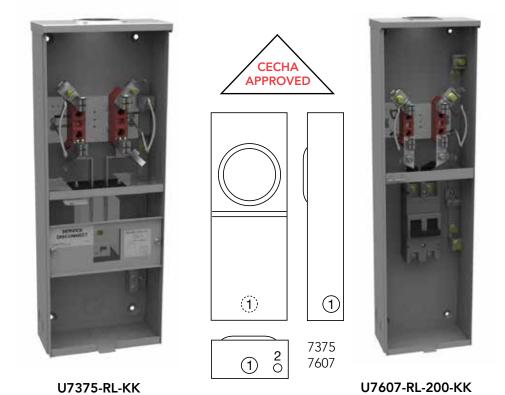
Notes

- Fifth Terminal: For field-installed fifth terminal, order catalog number K3865.
- Connectors: Supplied with 3/8 X 16 hex head nuts with Belleville washers. For connector kits, see accessories page. This unit is UL listed based on parallel 250 conductors max only.
- Bypass: Lever supplies clamping action and also operates bypass device.





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



100 Amp | 4 Terminal | Meter Mains (Plug-In) | Ringless | 1Ø

Catalog	Service	Hub	Connecto	ors CU/AL	Dunasa	Dii	mensic	ns	Kno	ckouts
Number	Service	пир	Line	Load	Bypass	D"	W"	Н"	1	2
U7375-RL-KK	ОН	H.O.	#6-2/0	C.B.	Horn	3¾	81//8	22	11/4	1/4,1/2

Notes

• Circuit Breaker: Main circuit breaker not supplied with unit. For 100 amp service, order catalog number Q2100 separately. See circuit breaker chart on accessory page for other compatible models.

supplied with 200 amp circuit breaker

- Fifth Terminal: For field-installed fifth terminal, order catalog number 5T8K2.
- Hubs: Order hubs separately see accessory page for ordering information.

200 Amp | 4 Terminal | Meter Mains | Ringless | 1Ø

Catalog Number	Service	Hub	Connecto	ors CU/AL	Dunger	Di	mensic	ons	Knocl	kouts
Catalog Number	Service	пив	Line	Load	Bypass	D"	W"	Н"	1	2
U7607-RL-200-KK-CECHA	ОН	H.O.	#6-350	#1-300	Horn	41/2	81/8	29	2	1/4,1/2

Notes

- Circuit Breaker: 200 amp main circuit breaker factory bussed. Order catalog number UQFB-200-X1 for replacement. Other amperages available see circuit breaker chart on accessory page.
- Fifth Terminal: For field-installed fifth terminal, order catalog number K5T.
- Hubs: Order hubs separately see accessory page for ordering information.







Meter Mains

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



U5842-RL-200-KK-CECHA

100-200 Amp | 4 Terminal | Meter Mains | Ringless | Horn Bypass

Catalog Number	Service	Hub	Connecto	ors CU/AL	Dii	mensic	ons	K	nockou	ts
Catalog Number	Service	пир	Line	Load	D"	W"	H"	1	2	3
U5842-RL-KK-CECHA	ОН	H.O.	#6-350	_	41//8	8	30	21/2	1/4,1/2	1/4
U5842-RL-100-KK-CECHA	ОН	H.O.	#6-350	CB - 100A	41/8	8	30	21/2	1/4,1/2	1/4
U5842-RL-125-KK-CECHA	ОН	H.O.	#6-350	CB - 125A	41//8	8	30	21/2	1/4,1/2	1/4
U5842-RL-200-KK-CECHA	ОН	H.O.	#6-350	CB - 200A	41/8	8	30	21/2	1/4,1/2	1/4

Notes

- AIC Rating: All models are rated 22K AIC when using Siemens QPH (100A) or QNH (200A) breakers.
- Fifth Terminal: For field installable fifth terminal kit, order K5T.



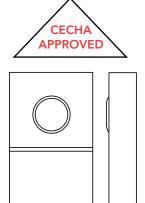


Meter Main With Load Center

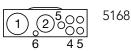
13
METER MAIN W

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





U5168-XTL-100-KK-CECHA



3

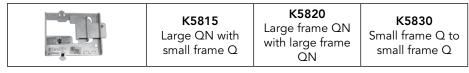
4 Terminal | Meter Mains | 1Ø3W | Ringless | OH

Catalan Number	Amana	Circuits Hub	Uiik	Connectors	Di	mensic	ons	Knockouts						
Catalog Number	Amps	Circuits	пир	CU/AL - Line	D"	W"	Н"	1	2	3	4	5	6	
U5168-XTL-100-KK-CECHA	100	8	C.P.	#6-350	41/2	141/8	32	3	21/2	2	1	1/2,3/4	1/4,1/2	
U5168-XTL-150-KK-CECHA	150	8	C.P.	#6-350	41/2	141//8	32	3	21/2	2	1	1/2,3/4	1/4,1/2	
U5168-XTL-200-KK-CECHA	200	8	C.P.	#6-350	41/2	141//8	32	3	21/2	2	1	1/2,3/4	1/4,1/2	

Notes

- **Hubs:** Supplied with two closing plates packed inside. Order hubs as a separate item. For proper hub selection, refer to the hub suffix chart on the accessories page.
- Fifth Terminal: For field installed fifth terminal, order K5T.
- Breakers: Rated 22K AIC with Milbank QNR2200H main installed.
- Main Breaker: U5168 and U5169 also available with 100-150 amp breakers, consult factory.
- Sub Feed Lugs: #6-350 sub feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.

Generator Interlock



AIC Rating	Amps	Siemens	Cutler Hammer	General Electric	Sqaure D
10k	150-200	QNR	BR (150A only)	_	_
TUK	≤ 125	QP	HQP, BR	THQL, THQL-GF	Homeline
22k	150-200	QNRH	8	_	_
ZZK	≤ 125	QPH		_	_





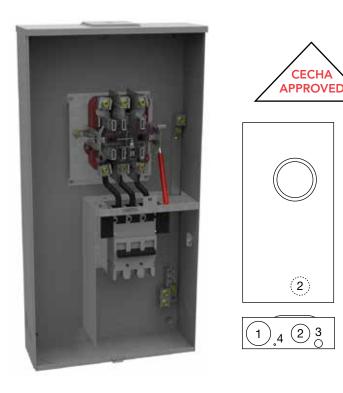


Meter Mains

2

5750

200 Amp | 7 Terminal | Lever Bypass | Ringless



U5750-RXL-200-BL-CECHA

200 Amp | Meter Mains | Ringless | 3Ø4W | 240V | Lever Bypass | OH

Catalog Number		Hub	Connectors	Di	mensic	ns	Knockouts				
	Terminals		CU/AL - Line	D"	W"	Н"	1	2	3	4	
U5750-RXL-200-BL-CECHA	7	C.P.	#6-350	5¾	17¾	34	4	3	1	1/4	

Notes

- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Breakers: Factory installed 200 amp, 3-pole, 10K AIC.
- Side Wireway: Allows for underground service.

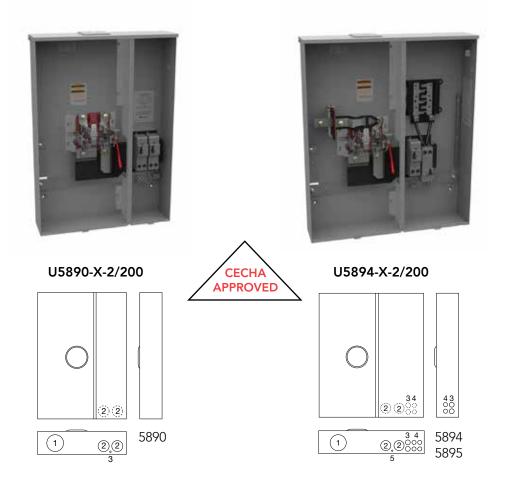




Lever Bypass Meter Mains

15
METER MAIN W/
LEVER BYPASS

320 Amp | 4 Terminal | Ringless



320 Amp | 4 Terminal | Meter Mains | Lever Bypass | Ringless

Catalog Number So	Service	Hub	Connectors CU/ AL	Branch	Di	mensic	ons		Kı	nocko	uts	
			Line	Circuits	D"	W"	Н"	1	2	3	4	5
U5890-X-2/200	ОН	C.P.	¾" x 16 Studs	N/A	6	24½	35	4	21/2	1/4	_	
U5894-X-2/200	ОН	C.P.	¾" x 16 Studs	12	6	29½	35	4	2½	1	1/2,3/4	1/4
U5895-X-2/200	ОН	C.P.	¾" x 16 Studs	24	6	291/2	35	4	21/2	1	1/2,3/4	1/4

Notes

- Breakers: All units come with two 200A main breakers.
- Side Bussed Units: U5894 and U5895.
- Main Lug Kit: U5894 shown with K3701 main lug kit installed, but sold separately.
- Fifth Terminal: For field mounted fifth terminal order catalog number K3865.





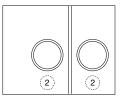
16 MULTI-POSITION SOCKETS

Multi-Position Sockets

100 Amp | 4 Terminal | Ringless | 300 VAC

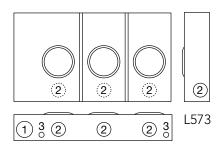


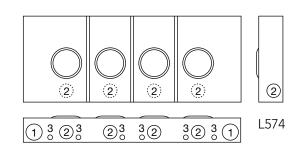


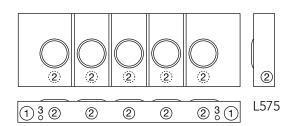


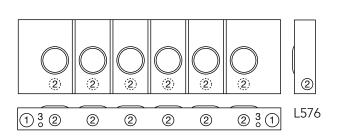


L572-XL-KK-CECHA









100 Amp per Position | 4 Terminal | Multi-Position | Ringless | 1Ø3W

Catalog Number Positions	Desiriens	Positions Service		Connectors CU/AL		Demoses	D	Knockouts				
	Positions	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3
L572-XL-KK-CECHA	2	ОН	C.P.	#6-350	#6-2/0	Horn	41/2	205/16	16	2½	2	1/4,1/2
L573-XL-KK-CECHA	3	ОН	C.P.	#6-350	#6-2/0	Horn	41/2	28½	16	21/2	2	1/4,1/2
L574-XL-KK-CECHA	4	ОН	C.P.	#6-350	#6-2/0	Horn	41/2	4011/16	16	2½	2	1/4,1/2
L575-XL-KK-CECHA	5	ОН	C.P.	#6-350	#6-2/0	Horn	41/2	48 1/8	16	21/2	2	1/4,1/2
L576-XL-KK-CECHA	6	ОН	C.P.	#6-350	#6-2/0	Horn	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.
- Fifth Terminal: For field-installed fifth terminal, order 5T8K2 (6 o'clock position) or K9959 (9 o'clock position).
- Connectors: Extruded aluminum connectors are tin plated.



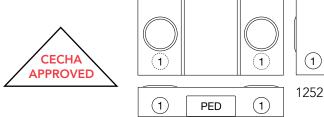


Multi-Position Sockets

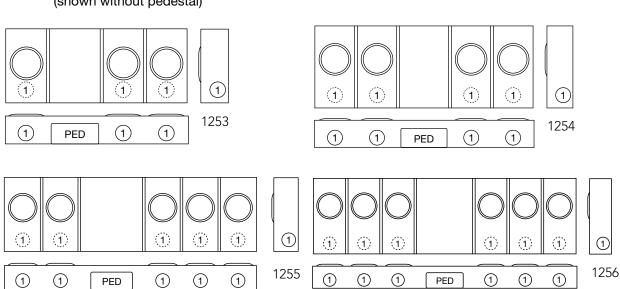
17
MULTI-POSITION
SOCKETS

200 Amp | 4 Terminal | Ringless | 300 VAC





U1252-X-KK-K1-PED (shown without pedestal)



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

Catalan Number	Positions	Service	Hub	Connector	s CU/AL	D	imensio	ns	Knockouts
Catalog Number	Positions	Service	пив	Line	Load	D"	W"	H"	1
U1252-X-KK-K1-PED	2	OH/UG*	C.P.	#6-350	#6-350	51/8	26½	14	21/2
U1253-X-KK-K3-PED	3	OH/UG*	C.P.	#4-600	#6-350	51/8	34¾	14	21/2
U1254-X-KK-K3-PED	4	OH/UG*	C.P.	#4-600	#6-350	51/8	421/8	16	21/2
U1255-X-KK-K4-PED	5	OH/UG*	C.P.	(2) #2-600	#6-350	51/8	54½	16	21/2
U1256-X-KK-PED	6	OH/UG*	C.P.	¾" x 16 Studs	#6-350	51/8	631/16	18	21/2

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).
- Bussing: Bussing is 5/16" x 1" aluminum on U1252 & U1253 and 3/4" x 1" aluminum on U1254-1256. Refer to the conduit & ampacity page for information on ampacity of bussing.
- *Underground Applications: For underground service, order \$2291-TO pedestal raceway. A 12" pedestal extension kit is also available order catalog number \$2571.



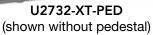




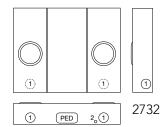
Lever Bypass Multi-Position Sockets

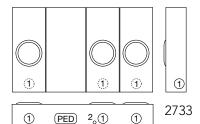
200 Amp | 7 Terminal | Ringless | 300 VAC

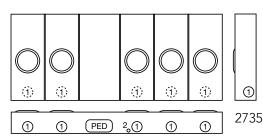


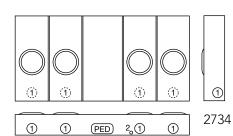


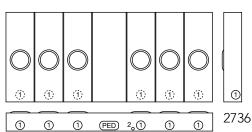












200 Amp | 7 Terminal | Multi-Position | Lever Bypass | Ringless

Catalog	Desitions	Service	Hub	Connector	s CU/AL	Di	mensio	ns	K	nocko	outs
Number	Positions	Service	пир	Line	Load	D"	W"	Н"	1	2	3
U2732-XT-PED	2	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	6	321/8	251/4	4	21/2	1/4,1/2
U2733-XT-PED	3	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	6	423/16	251/4	4	21/2	1/4,1/2
U2734-XT-PED	4	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	6	521/4	251/4	4	21/2	1/4,1/2
U2735-XT-PED	5	OH/UG	(2) C.P.	¾" x 16 Stud	#6-350	6	625/16	251/4	4	21/2	1/4,1/2
U2736-XT-PED	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.
- **Underground Applications:** For underground service, order S2291-TO raceway. A 12" pedestal extension kit is also available order catalog number S2571.
- **Bussing:** Bussing is %" x 1" aluminum. Refer to the conduit & ampacity page for information on ampacity of bussing.





Multi-Position Meter Mains

19
MULTI-POSITION
METER MAINS

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







U2854-X-KK-PED (Order circuit breakers as extra; shown without pedestal)

U2866-X-KK-PED (Order circuit breakers as extra; shown without pedestal)

125 Amp Per Position | Multi-Position Sockets | Ringless

		Main Bus	Short Circuit	Line Connector	Dimensions			
Catalog Number	Positions	Rating	Current Rating	Size	D"	W"	Н"	
U2852-X-KK-K1-PED-CECHA	2	200 Amp	10K AIC	#6-350	5 ¹³ / ₁₆	18	25	
U2853-X-KK-K1-PED-CECHA	3	200 Amp	10K AIC	#6-350	5 ¹³ / ₁₆	18	37	
U2854-X-KK-PED-CECHA	4	400 Amp	10K AIC	#6-350	47/8	31	25	
U2855-X-KK-PED-CECHA	5	400 Amp	10K AIC	3⁄8" x 16 Stud*	47/8	31	37	
U2856-X-KK-PED-CECHA	6	400 Amp	10K AIC	%" x 16 Stud*	47/8	31	37	

200 Amp Per Position | Multi-Position Sockets | Ringless

Catalan Nimahan	Positions	Main Bus	Short Circuit	Line Connector	Dimensions			
Catalog Number	Positions	Rating	Current Rating	Size	D"	W"	Н"	
U2862-X-KK-K1-PED-CECHA	2	250 Amp	10K AIC	#6-350	5 ¹³ / ₁₆	21	29	
U2863-X-KK-K1-PED-CECHA	3	300 Amp	10K AIC	#6-350	5 ¹³ / ₁₆	21	41	
U2864-X-KK-PED-CECHA	4	400 Amp	10K AIC	¾" x 16 Stud*	47/8	36	29	
U2865-X-KK-PED-CECHA	5	600 Amp	10K AIC	¾" x 16 Stud*	47/8	36	41	
U2866-X-KK-PED-CECHA	6	600 Amp	10K AIC	¾" x 16 Stud*	47/8	36	41	

Connector Kits*

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

Breaker Chart

Manufacturer	125-200 Amps	100 Amps or Less
Cutler Hammer	BR, WBJ	QP, BR
Siemens	QNR	QP
G.E.	THQ	THQ
Square D	_	Homeline

Notes

- *Connectors: For line wire connector kits, order separately.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K2381. Order one per meter position.
- Breakers: Units have provision for one double pole main per meter position. Breakers not included.
- Underground Applications: For underground service, order \$2291-TO raceway. Order separately.
- Racway Extension Kit: A 12" extension kit is also available. Order catalog number S2571.
- Knockouts: See next page for drawings and knockout configurations.



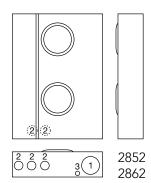


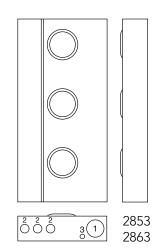


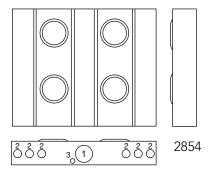
Multi-Position Meter Mains

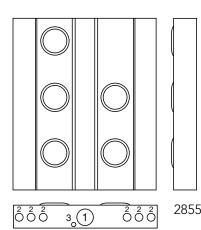
Knockout Information

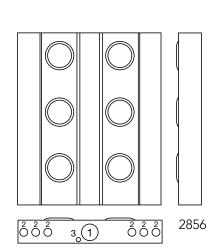
Catalog	Kı	nocko	uts
Number	1	2	3
U2852-X-KK	3	11/4	1/4,1/2
U2853-X-KK	3	11/4	1/4,1/2
U2854-X-KK	3	11/4	1/4,1/2
U2855-X-KK	3	11/4	1/4,1/2
U2856-X-KK	3	11/4	1/4,1/2
U2862-X-KK	3	2	1/4,1/2
U2863-X-KK	3	2	1/4,1/2
U2864-X-KK	3	2	1/4,1/2
U2865-X-KK	3	2	1/4,1/2
U2866-X-KK	3	2	1/4,1/2

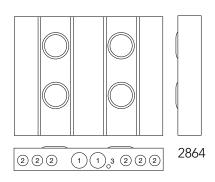


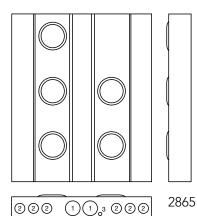


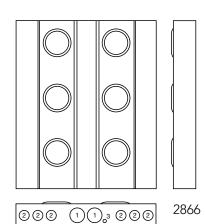












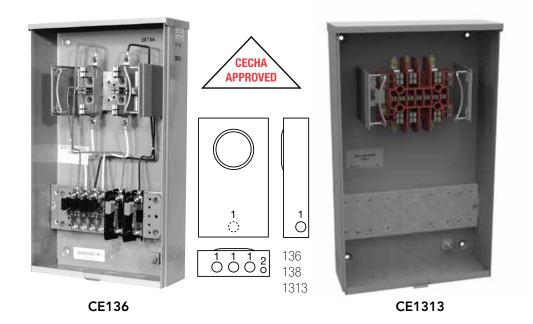




Transformer Rated

21 TRANSFORMER RATED

20 Amp | 6, 8 & 13 Terminals



20 Amp | Transformer Rated Sockets | Ringless

Catalog Number	Terminals	Phase	Service	Hub	Di	mensic	ons	Knockouts		
Catalog Number	Terminais	Tilase	Jei vice	Hub	D"	W"	Н"	1	2	
CE136-CECHA	6	1Ø3W	UG	Blank	41//8	12	20	11/4	1/4,1/2	
CE138-CECHA	8	3Ø3W	UG	Blank	41/8	12	20	11/4	1/4,1/2	
CE1313-CECHA	13	3Ø4W	UG	Blank	41//8	12	20	11/4	1/4,1/2	

Notes

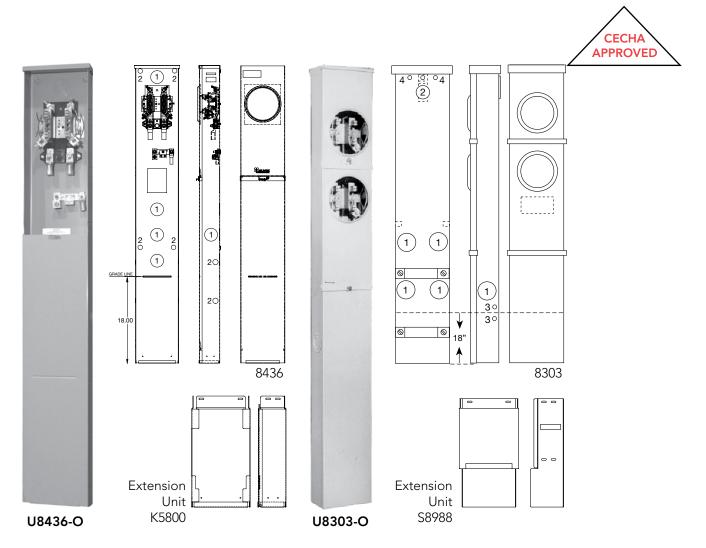
- Type 3R enclosure.
- One-piece sealable cover with padlock provision.





Residential Pedestal

200 Amp | 4 Terminal | Single or Double Position



200 Amp | 4 Terminal | Ringless | 1Ø3W | Residential Pedestal

					Connectors CU/AL			Dimensions			Knockouts			
Catalog Number	Amps	Service	Hub	Bypass	Line (Compression)	Load	D"	W"	H"	1	2	3	4	
U8436-O-CECHA	200	UG	Blank	Horn	4/0 (Line) 2/0 (Neutral)	#6-350	41//8	9	62	2	1/4,1/2	_	_	
U8303-O-CECHA	200	UG	Blank	Horn	4/0 (Line) 2/0 (Neutral)	#6-350	41/2	83/16	74	2½	13/4	1/4,1/2	5/16	

Notes

- Hanging Hook: Supplied with keyhole hanger for easy mounting.
- Extension Unit: For U8436, order extension unit K5800 for 15" burial applications and two K5800 units for 30" burial applications. For U8303, order extension kit S8988 for 24" burial applications.
- Fifth Terminal: For field installed fifth terminal, order catalog number K5T.

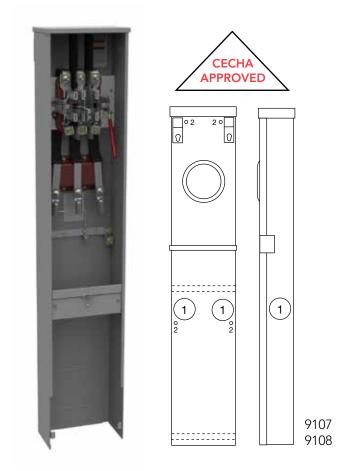




Lever Bypass Meter Pedestals

23
LEVER BYPASS
METER
PEDESTALS

100/200 Amp | 5 & 7 Terminal | Ringless | 600 VAC



U9107-O -CECHA

100/200 Amp | Metered Pedestals | Lever Bypass | Ringless | Lever Bypass

Catalog Number	Terminals	Phase	Service	Service	Service	Service	Hub	Connecto	ors CU/AL	Diı	Dimensions		Kno	ckouts
Catalog Number	Terminais	Fnase		пир	Line	Load	D"	W"	Н"	1	2			
U9108-O-CECHA	5	1Ø3W or 3Ø3W	UG	Blank	3/0-4/0	#6-350	6	11	58	21/2	5/16			
U9107-O-CECHA	7	3Ø4W	UG	Blank	3/0-4/0	#6-350	6	11	58	21/2	5/16			

Notes

- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Neutral Disconnect: The U9108 has a manual neutral disconnect bolt.
- Direct Burial: For free standing use, order separately burial kit #\$3488.
- Fifth Terminal: U9108 Includes factory installed fifth terminal at 9 o'clock. For fifth terminal at 6 o'clock, substitute -5T6 suffix in catalog number.

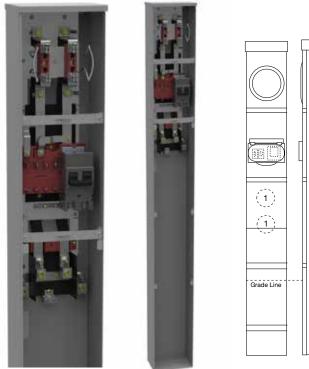


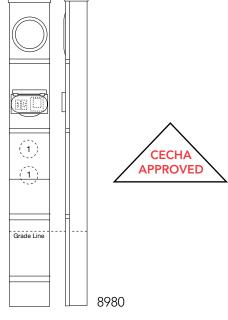




Meter Main Pedestal

100-200 Amp | 4 Terminal | Ringless





NU8980-O-200-KK

100-200 Amp | 4 Terminal | Ringless | Underground Service

Catalon Number	Hub	Connectors CU/AL		Bypass	Main Breaker		Dimensions			Knockouts	
Catalog Number	пир	Line	Load	Бураѕѕ	10K	22K	D"	W"	H"	1	
NU8980-O-KK	Blank	#6-350	CB*	Horn	_	_	6	9	79	21/2	
NU8980-O-KK-LP	Blank	#6-350	CB*	Horn	_	_	6	9	70	21/2	
NU8980-O-SF100-KK	Blank	#6-350	#6-1/0	Horn	Q2100	Q2100H	6	9	79	21/2	
NU8980-O-SF100-KK-LP	Blank	#6-350	#6-1/0	Horn	Q2100	Q2100H	6	9	70	21/2	
NU8980-O-200-KK	Blank	#6-350	1/0-300	Horn	UQFP	UQFPH	6	9	79	21/2	
NU8980-O-200-KK-LP	Blank	#6-350	1/0-300	Horn	UQFP	UQFPH	6	9	70	21/2	

Notes

- * Field Installed Circuit Breaker Required.
- Series Wired Main: For series wired main order wire kit K4714 and UQFPH-M type circuit breaker.
- Branch Circuit Breakers: Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (Milbank, GE, Siemens, Cutler-Hammer).
- **SF:** SF in catalog number has small frame plug-in type circuit breaker installed on middle stabs of 4-circuit interior. Only two single pole space available.
- Fifth Terminal: For field-installed 5th terminal order kit K5T. Mounts in 9 o'clock position only.
- Extension Kit: Available for low profile (-LP) units only. Order kit K4694.





Meter Main w/ Load Center Pedestal

25
METER MAIN W/
LOAD GENTER
PEDESTAL

200 Amp | 4 Terminal | Ringless



U5706-O-200S-KK-CECHA

Pedestal shown with receptacles installed. Receptacles are sold separately. Consult factory to order with receptacles installed.

200 Amp | 4 Terminal | Meter Main Pedestal | Ringless

Catalog Number Service				Connectors CU/AL		Dimensions			Knockouts			
Catalog Number	Service	Bypass	Line	Load	D"	W"	Н"	1	2	3	4	
U5706-O-200S-KK-CECHA	UG	Horn	#6-350	СВ	5½	14	80	21/2	2	1	1/4,1/2	

Notes

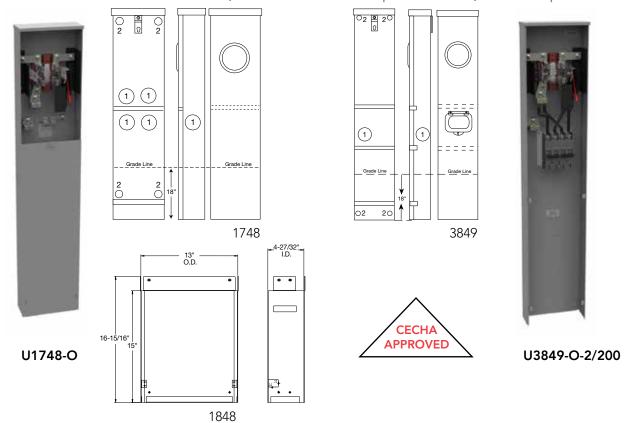
- Fifth Terminal: For field installed fifth terminal, order part number K5T."
- Branch Circuit Breakers: Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler Hammer, Murray).





Lever Bypass Residential Pedestal

320 Amp Continuous | 400 Amp Max | 4 Terminal



320 Amp | 4 Terminal | Without Breaker | Ringless

	Catalog	Service	Hub	Bypass	Connecto	Dimensions			Knockouts		
	Number	Service	пив	Бураss	Line	Load	D"	W"	Н"	1	2
ĺ	U1748-O	UG	Blank	Lever	3⁄8" x 16 Studs	Twin #6-350	47/8	13	64	21/2	5/16

Notes

- Bypass: The lever supplies clamping action on the meter spade and also operates the bypass device.
- Fifth Terminal: For field-installed fifth terminal order kit K3865.
- Pedestal Extension Kit: If extension kit is required, order as extra kit \$1848.

320 Amp | 4 Terminal | Meter Main with Breakers | Ringless

Catalan Numban	Comico	Hub	D	Conne	ectors CU/AL	Din	nensi	ons	Knoc	:kouts
Catalog Number	Service	пир	Bypass	Line	Load	D"	W"	Н"	1	2
U3849-O-2/200-CECHA	UG	Blank	Lever	¾" x 16 Studs	CB #1-300 kcmil	47/8	13	58	21/2	5/16
U3849-O-200-100-CECHA	UG	Blank	Lever	3/8" x 16 Studs	See lug note below*	47/8	13	58	21/2	5/16

Notes

- Breakers: The U3849 is furnished with (2) Milbank type UQFBH 22K AIC circuit breakers.
- Pedestal Extension Unit: If extension kit is required, order as extra kit # \$1848.
- Bypass: The lever supplies clamping action on the meter spade and also operates the bypass device.
- Fifth Terminal: For field-installed fifth terminal order kit K3865.
- •*Lugs: The 200A is 1/0-300 and the 100A is #3-#1.

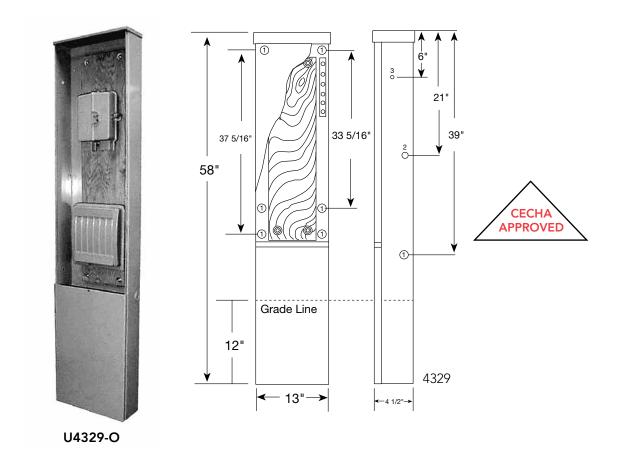




Joint Use Termination Cabinet

27
JOINT USE
TERMINATION
CABINET

Accommodates telephone and cable conductors



Joint Use Termination Cabinet

Catalog	Hub	Dunasa	Connecto	ors CU/AL	Diı	nensio	ons	Kr	ιοckοι	its
Number	пub	Bypass	Line	Load	D"	W"	Н"	1	2	3
U4329-O	Blank	None	None	None	47/8	13	58	1	1/2	7/16

Notes

- Communication Compartment: Easily attaches to Milbank meter pedestals for use in new construction.
- Telephone and Cable Conductors: This unit will accommodate both telephone and cable conductors, eliminating the use of multiple, unsightly network interface devices on the outer structure of the home, while providing tamper resistance to the communication modules.
- Single Location Point of Service: The U4329 combined with the Milbank meter pedestal provides a single location point of service, making access for utility service personnel convenient and efficient.







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

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

A	10K AIC	22K AIC	10K AIC	22K AIC	Wire	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

29
CIRCUIT
BREAKERS

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

15-125 Amp Breaker Plug-In Type | 1" Per Pole

i iug iii	י פאלי		•
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



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

Amaras	10K AIC Plug-In	22K AIC Plug-In	Handle Location	Wire I	Range
Amps	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.
- \bullet Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.

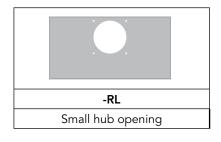


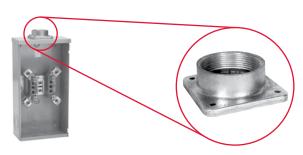


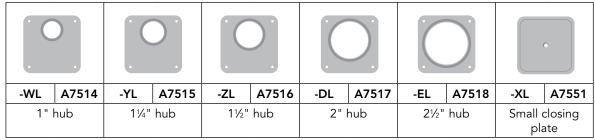


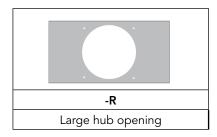
Accessories

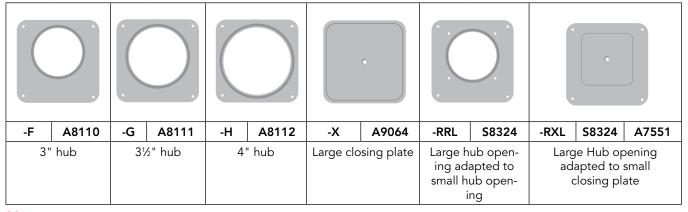
Hubs and Closing Plates











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

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

Bypass Link

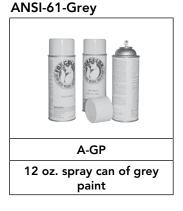


Note

Consult factory for proper connector kits for studded meter sockets.

Closing Covers

	The state of the s
Meter Closing Plate (Ring Type / Ring- less)	Metal Closing Plate (For Ringless Sock- ets)
6003 - Grey Plastic	CP-21
6116 - Clear Plastic	
6002 - Clear Plastic	



Disconnect Sleeve

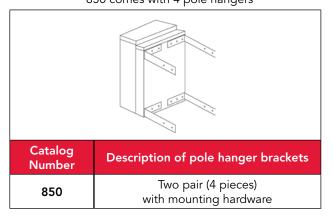


Isolated Neutral Kit



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

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 Amp "Plug-In"



K5T - 200 Amp (Block with Square Hole)

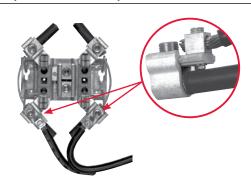


K3865 - Heavy Duty Jaw Clamping (**K3866** without Neutral Wire)



K3356

Tap Connectors (3 per set)



Replaces the load or line side slide-in nut assembly on Milbank 200 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) Wire Range #12 - 1/0

Triplex Ground



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

100 Amp Blocks (single sockets only)



BL7474 - Block Assembly

Z904486-AO - Slotted Nut Assembly

Z802965-AC - Neutral without Nut

Z901925-AC - Hex Nut Set Screw

200 Amp 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



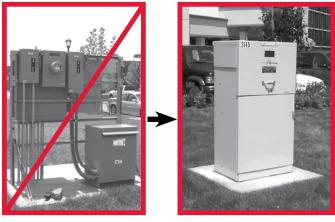


Commercial Pedestals

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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









Generators & Transfer Switches



For Residential, Commercial & Industrial Applications



Home Standby Generators

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



SynapSwitch™ Transfer Switches

- 100-200 Amp
- Vigilant™ 100-1250 Amp
- MTS 30-50 Amp



Portable Generators

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







SynapSwitch™

Automatic Transfer Switch

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 state-ofthe-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.





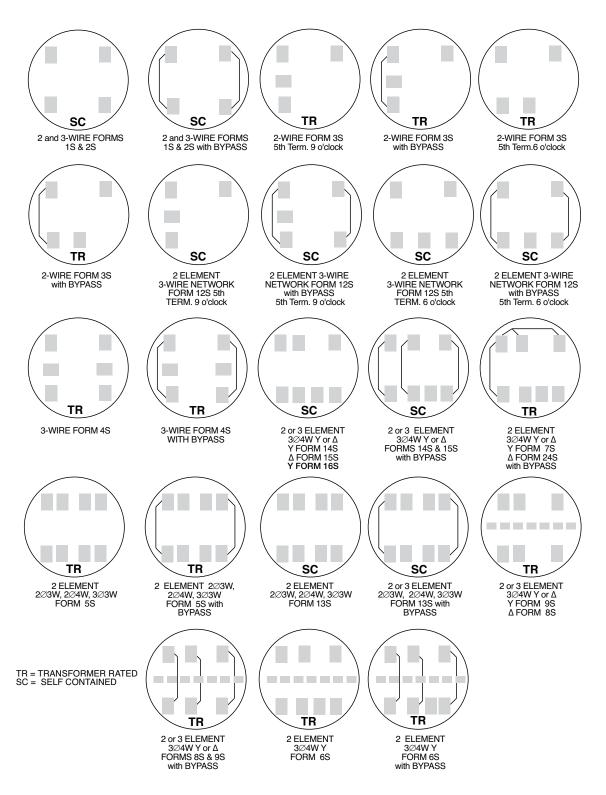




Watthour Meter Forms

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WATTHOUR

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

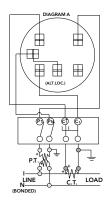


DIAGRAM B 1⊘3W with 1 C.T. Single Stator Meter (2W1⊘) - Form 3S 5T Socket, Test Switch #TS04-0101

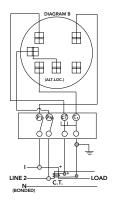


DIAGRAM C 1Ø3W with 2 C.T.'s Single Stator Meter (3W1Ø) - Form 4S 6T Socket, Test Switch #TS07-0105

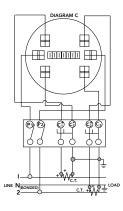


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

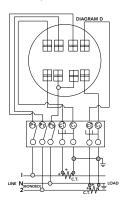


DIAGRAM E

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

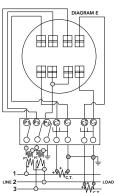


DIAGRAM F 3⊘3W "∆" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

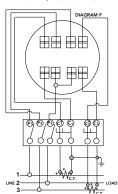


DIAGRAM G

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

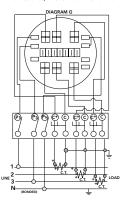


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

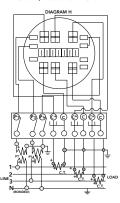


DIAGRAM I 3⊘4W "Y" or "∆" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "∆" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

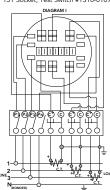
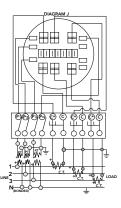


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109



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





Conduit, Ampacity & SCCR

Reference Information



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

Туре	Conductor Size	Conduit Trade Sizes (Inches)									
	(AWG/kcmil)						2	21/2			
	12	9	16	26	46	62	102	146	225	301	387
	10	6	10	17	29	39	64	92	142	189	244
	8	3	6	9	16	22	37	53	82	109	140
	6	2	4	4	12	16	27	38	59	79	101
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, XHHW, XHHW-2	2/0	0	1	1	2	3	6	9	13	18	23
	4/0	0	1	1	1	2	4	6	9	12	16
	250	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	3	6	7	10
	500	0	0	0	1	1	1	2	4	5	7
	750	0	0	0	0	1	1	1	3	4	5

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

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

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

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

(Per NEC table 310-16)

21 - 25 1.05 26 - 30 31 - 35

AMBIENT

TEMP.C

70 - 77 1.00 78 - 86 .94 87 - 95 36 - 40 .88 96 - 104 41 - 45 .82 105 - 113 46 - 50 114 - 122 .75 51 - 55 123 - 131 .67 56 - 60 .58 132 - 140 61 - 65 .33 141 - 158

AMPACITY CORRECTION FACTORS

CORRECTION

FACTOR

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.) Thes 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 (Inch Lbs.)	
Size	Screw	Nut	пеас туре		
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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K3442	36	Q2125	34	U2856-X-KK-PED	19
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ComEd Service Area

Meter Mounting Equipment

