



# Northern Indiana Public Service Co.

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<sup>™</sup> 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<sup>™</sup> 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.



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.

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320 amp, 4 terminal, meter main, lever bypass	

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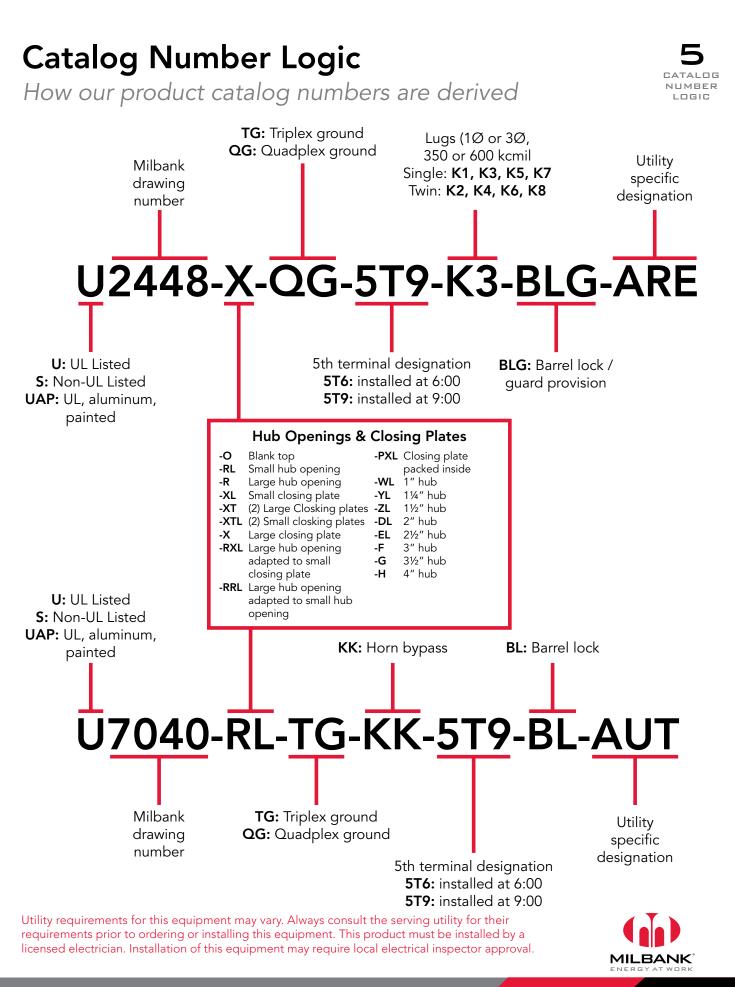


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## **Air Conditioner Disconnects**

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

Catalog Number	amp	Туре	Max H.P.	Weight	Line/Load Wire Range				Ground Wire	Dimensions			Wire Rating		
Number			п.г.	(ibs.)	(lbs.)	CU	AL	Range CO/AL	Range CU/AL	D"	W"	Η"	CU °C	AL °C	
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	21/2	5	<b>7</b> ½	60°/75°	60°/75°			
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	21/2	5	71⁄2	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 amp | 1Ø, 240 VAC | Air Conditioner Disconnect with GFCI Receptacle

Catalog Number	Туре	Max H.P.	Weight		Load Range	Ground Wire Range	Dir	nensi	ons	Wire I	Rating
Number			п.г.	(105.)	(IDS.)	(lbs.) CU AL CU/AL	D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	41/5	5¼	<b>7</b> ⅔	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

### **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



U4881-O-60GB

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

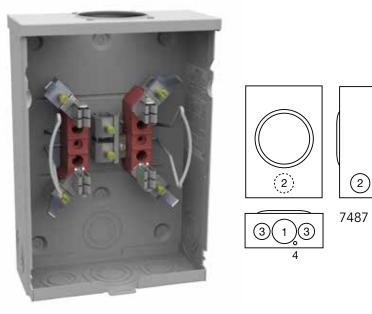
#### 100 amp | Hot Tub Disconnect or Sub Panel Breaker Enclosure | Type 3R

Catalog Number	Breaker Type		Weight		'Load Range	Ground Wire Range	Dir	nensio	ons
Number	amp		(lbs.)	CU	AL	CU/AL	D"	W"	H" -
U4881-O	_	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	<b>7½</b>	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 Terminal | Ringless | 600 VAC



U7487-RL-TG-KK

#### 125 amp | 4 Terminal | Ringless | Single Position

Catalog Number	Torminal	Sorvico	Hub	Connecto	ors CU/AL	Bubacc	Din	nensi	ons		Knoc	kouts	
	Terminal	Service	пub	Line	Load	Bypass	D"	W"	H"	1	2	3	4
U7487-RL-TG-KK	4	ОН	H.O.	#6-2/0	#6-2/0	Horn	35⁄16	8	11½	2	11/2	1¼	1⁄4

#### Notes

- Hubs: For proper hub selection, see the hub suffix chart on the accessories page.
- Bypass: The horn type bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- Connectors: Extruded aluminum connectors are tin plated. Unit is supplied with a triplex neutral.
- Fifth Terminal: For field-installed fifth terminal, order catalog number 5T8K2.

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125 AMP

SINGLE POSITION SOCKETS



200 AMP SINGLE POSITION SOCKETS

# **Single Position Sockets**

200 amp | 4 Terminal | Ringless



U7021-RL-TG-KK



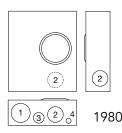
U7040-RL-TG-KK

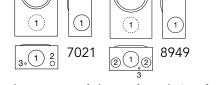
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7040



U1980-O-KK





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

Catalog	Terminal	Comilaa	Hub	Connecto	ors CU/AL	Dumana	Dir	nensi	ons	Kn	ocko	uts
Number	Terminar	Service	пир	Line	Load	Bypass	D"	W"	H	1	2	3
U8949-RL-TG-KK	4	ОН	H.O	#6-350 kcmil		HORN	41⁄8	8	15½	21/2	1¼	1⁄4
U7021-RL-TG-KK	4	ОН	H.O.	#6-350 kcmil		HORN	41⁄8	8	15½	21/2	1/2	1⁄4
U7040-RL-TG-KK	4	OH/UG	H.O	#6-350	) kcmil	HORN	41⁄8	11	15½	<b>2</b> <sup>1</sup> / <sub>2</sub>	1/2	1⁄4

### Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Fifth Terminal: For field mounted fifth terminal on the U8949,U7021 &U7040 order catalog number K5T.
- Connectors: Extruded aluminum connectors are tin plated.
- Ground: For indoor service for U8949 order as extra catalog number BL1048-KK block assembly to be installed to provide insulated neutral.

#### 200 amp | 4 Terminal | Ringless | Side Wireway | 1Ø3W

Catalog Termina	Torminal	Service	Hub	Connectors CU/AL		Burbass	Din	mensions		Knockouts			
Number	Terminal	Service	пир	Line Load	Bypass	D"	W"	H"	1	2	3	4	
U1980-0-KK	4	UG	Blank	#6-350	) kcmil	Horn	41⁄2	13	15¼	31⁄2	21⁄2	11⁄2	1/2

#### Notes

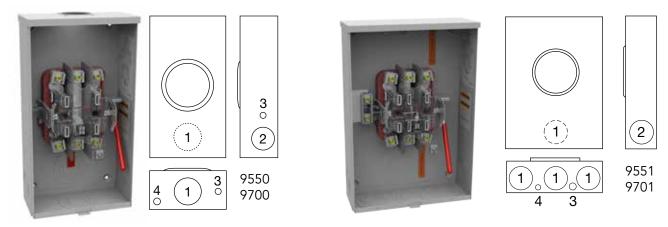
- Fifth Terminal: For factory installed fifth terminal in the 9 o'clock position add the suffix -5T. For field mounted fifth terminal order catalog number K5T.
- Connectors: Extruded aluminum connectors are tin plated.



# **Single Position Sockets**

200 amp | 5&7 Terminal | Lever Bypass

200 AMP SINGLE POSITION SOCKETS



U9701-O

### 200 amp | 5 Terminal | Ringless | 1Ø or 3Ø3W

U9550-RL

Catalog	Service	Hub	Connecto	rs CU/AL			nensi	ons		Knoc	kouts	
Number	Service	пuр	Line	Load	Bypass	D"	W"	H"	1	2	3	4
U9550-RL*	ОН	H.O.	#6-350	) kcmil	Lever	41/8	10	18½	3	21/2	3⁄4	1/2
U9551-O*	UG	Blank	#6-350	) kcmil	Lever	41⁄8	13	19	3	21/2	1/2	1⁄4

### 200 amp | 7 Terminal | Ringless | 3Ø4W

Catalog	Service	Hub	Connecto	ors CU/AL Bypass		Dir	nensi	ons		Knoc	kouts	5
Number	Service	пир	Line	Load	Буразз	D"	W"	H"	1	2	3	4
U9700-RRL	ОН	H.O.	#6-350	) kcmil	Lever	41/8	10	18½	3	21/2	3⁄4	1/2
U9701-O	UG	Blank	#6-350 kcmil		Lever	41⁄8	13	19	3	21/2	1/2	1/2

#### Notes

- Fifth Terminal: Fifth terminal is supplied in the 6 o'clock position. For factory installed fifth terminal in the 9 o'clock position add the suffix -5T9 to the catalog number.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Insulated Neutral: For field installed insulated neutral for the U9701 order kit number K1047.



12 SINGLE POSITION SOCKETS

# **Single Position Sockets**

320 amp | 4 Terminal | Lever Bypass | Ringless



U1779-RRL

U3000-O-K3L-K2L

320 amp	4 Terminal	l lever Bypass	Rinaless	Single Position	I 1Ø3W
	- reminut		i thingicoo		1.2011

Catalog	Service	Service	Hub	Connecto	rs CU/AL	Dunass	Dir	nensi	ons		Knoc	kouts	
Number	Service	dun	Line	Load	Bypass	D"	W"	Η"	1	2	3	4	
U1779-RRL	ОН	H.O.	3/8"-16 STUD	3/8"-16 STUD	Lever	41/8	13	38¾	3	21/2	1/2	1⁄4	
U3000-O-K3L-K2L	UG	Blank	#4-600 kcmil (2) 1/0-250 kcmil	TWIN #6-350 kcmil	Lever	41/8	15	30	3	1/2	1⁄4	—	

**Notes** 

- Fifth Terminal: For factory installed fifth terminal in the 6 o'clock position add the suffix -5T6 to the catalog number. For factory installed fifth terminal in the 9 o'clock position at the suffix -5T9 to the catalog number. For field installed fifth terminal, order as extra K3865.
- Hubs: For proper hub selection see the hub suffix chart on accessory page.
- Connectors: See accessories page.



### Single Position Sockets 320 amp | 7 Terminal | Lever Bypass | Ringless

13 320 AMP SINGLE POSITION SOCKETS



320 amp | 7 Terminal | Side Wireway | Ringless | 3Ø4W

Catalog Terminal	Service	Hub	Conne	ctors CU/AL	Bypass Dime		nensi	ons		Knoc	kouts		
Number	Terminar	Jeivice	HUD	Line	Load	Буразз	D"	W"	H"	1	2	3	4
U2594-X-K7	7	OH/UG	C.P.	#4-600 or (2) 1/0-250	¾" x 16 Studs	Lever	61⁄2	19	341⁄8	4	3	1	1⁄4

### Notes

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

• Connectors: Extruded aluminum connectors are tin plated.

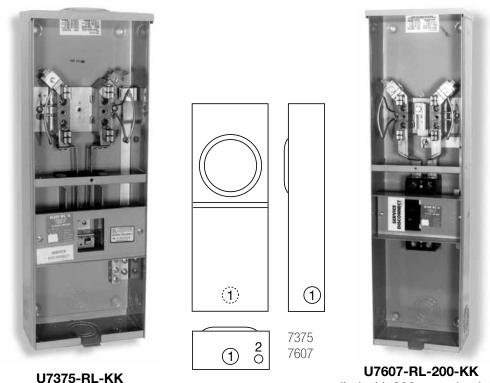
• Inversion Clip: Inversion clip, if required, K4802 must be field installed.

• Bypass: Lever supplies clamping action on meter spades and also operates bypass device.



### **Meter Mains**

100-200 amp | Single Position | 240 VAC



supplied with 200 amp circuit breaker

### 100 amp | 4 Terminal | Meter Mains | Ringless | 1Ø3W

Catalog	Comileo	Hub	Connecto	rs CU/AL	Din	nensio	ons	Knoc	kouts
Number	ber Service		Line	Load	D"	W"	Н"	1	2
U7375-RL-KK	ОН	C.P.	#6-2/0	C.B.	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.

- 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 | 1Ø3W

Catalog	Sorvico	Hub	Connectors CU/AL			nensi	ons	Knockouts		
Number	Service		Line	Load	D"	W"	Н"	1	2	
U7607-RL-200-KK-CECHA	ОН	H.O.	#6-350	#1-300	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 With Load Center**

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





U5168-XTL-200-KK

#### 100-200 amp | 4 Terminal | Meter Mains with Load Center | Horn Bypass | Ringless

Catalog Number	Service	U.J.	Connectors	Dunass	Branch	Din	nensi	ons			Knoc	kouts		
	Service	пир	Connectors CU/AL – Line	Bypass	Circuits	D"	W"	Н"	1	2	3	4	5	6
U5168-XTL-100-KK	ОН	C.P.	#6-350	Horn	10	41⁄2	141⁄8	32	3	21/2	2	1	1/2,3/4	1/4,1/2
U5168-XTL-200-KK	OH/UG	C.P.	#6-350	Horn	8	41⁄2	141/8	32	3	21/2	2	1	1/2,3/4	1/4,1/2

#### Notes

- AIC Rating: The U5168 is rated 22K AIC when using Siemens QPH (100A) or QNH (200A) breakers.
- Fifth Terminal: For field installable fifth terminal kit, order K5T.
- Bypass: The horn type bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.

QN

#### Generator Interlock (compatible with U5168)



K5815 Large **QN** with small frame **Q** 

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



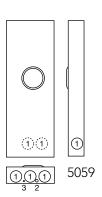
#### 16 320 AMP METER MAIN RINGLESS

## Lever Bypass Meter Mains & with Load Center

320 amp | 4 Terminal | Lever Bypass | Ringless | 120/240 VAC

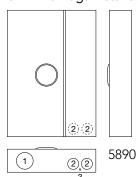


U5059-X-2/200



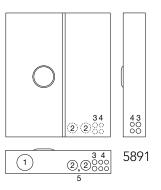


U5890-X-2/200-BL (shown with lugs installed)





U5891-X-2/200-MLK-BL



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

Catalan Number	Service	Hub	Connectors	Breaker	Branch	Di	mensic	ons	Knockouts				
Catalog Number	Service	пир	CU/AL - Line	amp	Circuits	D"	W"	H	1	2	3	4	5
U5059-X-K3L	OH/UG	C.P.	(1) #4-600	Provision	N/A	41/8	15	42	3	1/4,1/2	1⁄4	_	_
U5059-X-2/200-K3L	OH/UG	C.P.	(1) #4-600	(2)200	N/A	41/8	15	42	3	1/4,1/2	1⁄4	—	—
U5890-X-2/200-BL	OH/UG	C.P.	³‰" x 16 Studs	(2)200	N/A	6	241⁄2	35	4	21⁄2	1⁄4	_	_
U5891-X-2/200-MLK-BL	OH/UG	C.P.	¾" x 16 Studs	(2)200	12	6	291/2	35	4	21/2	1	1/2,3/4	1⁄4

### Notes

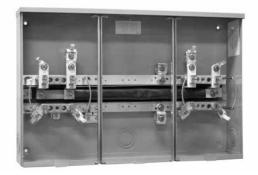
- AIC Rating: 22K AIC standard.
- Breakers: For U5059 main breakers, order UQFPH-100, -150, or -200.
- -MLK: Main Lug feed-through kit K3701 factory installed.
- Fifth Terminal: For field mounted fifth terminal order catalog number K3865.
- Connectors: Supplied with <sup>3</sup>/<sub>6</sub>" x 16 hex head nuts with Belleville washers. For connector kits, order as extra K1540 (single 600 kcmil). For twin lug connectors, order as extra K1350 (twin 350 kcmil).



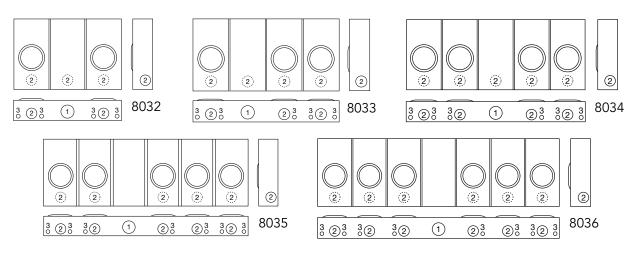
# **Multi-Position Sockets**

100 amp | 4 Terminal | Ringless | 300 VAC

17 100 AMP HORN BYPASS MULTI-POSITION



U8032-RL-KK



100 amp per Position | 4 Terminal | Multi-Position | Center Wireway | Horn Bypass | Ringless

Catalan Number	Positions	Comilao	Link	Connecto	ors CU/AL	Duncas	Dir	nensio	ons	Kn	ocko	uts
Catalog Number	Positions	Service	Hub	Line	Load	Bypass	D"	W"	Н"	1	2	3
U8032-XL-KK	2	OH/UG	C.P.	#6-350	#6-2/0	Horn	41⁄2	241/2	16	21/2	2	1/2
U8033-XL-KK	3	OH/UG	C.P.	#6-350	#6-2/0	Horn	41⁄2	3211/16	16	21/2	2	1/2
U8034-XL-KK	4	OH/UG	C.P.	#6-350	#6-2/0	Horn	41⁄2	401/8	16	21/2	2	1/2
U8035-XL-KK	5	OH/UG	C.P.	#6-350	#6-2/0	Horn	41⁄2	<b>49</b> ½	16	21/2	2	1/2
U8036-XL-KK	6	OH/UG	C.P.	#6-350	#6-2/0	Horn	41⁄2	571⁄4	16	21/2	2	1/2

### Notes

- Fifth Terminal: For field mounted fifth terminal, order catalog number **5T8K2** for the 6-o'clock position, and **K9959** for the 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin plated.
- Bypass: The horn bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.

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.



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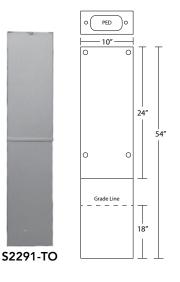


### **Multi-Position Sockets**

200 amp | 4 Terminal | Ringless | 300 VAC



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



200 D '''				
200 amp per Position	4 Terminal	IVIUITI-Position	Horn Bypass	Kingless

Catalan Number	Positions	Service	Hub	Connector	rs CU/AL	Dimensions		
Catalog Number	Positions	Service	aun	Line	Load	D"	W"	Н"
U1252-X-KK*	2	OH/UG	C.P.	¾" x 16 Studs	#6-350	51⁄8	261⁄2	14
U1253-X-KK*	3	OH/UG	C.P.	∛s" x 16 Studs	#6-350	51⁄8	34¾	14
U1254-X-KK*	4	OH/UG	C.P.	¾" x 16 Studs	#6-350	51⁄8	421/8	16
U1255-X-KK*	5 OH/U		C.P.	∛s" x 16 Studs	#6-350	51/8	54%	16
U1256-X-KK*	6	OH/UG	C.P.	¾" x 16 Studs	#6-350	51⁄8	621/8	18
U1252-X-KK-K1-PED <sup>†</sup>	2	OH/UG	C.P.	#6-350	#6-350	51⁄8	261/2	14
U1253-X-KK-K1-PED <sup>†</sup>	3	OH/UG	C.P.	#6-350	#4-600	51⁄8	34½	14
U1254-X-KK-K1-PED <sup>†</sup>	4	OH/UG	C.P.	#6-350	#4-600	51⁄8	421/8	16
U1255-X-KK-K1-PED <sup>†</sup>	5	OH/UG	C.P.	#6-350	(2)#4-600	51⁄8	541/8	16
U1256-X-KK-PED*†	6	OH/UG†	C.P.	¾" x 16 Studs	#6-350	51/8	631/16	18

#### Notes

- <sup>†</sup>Underground Applications: For underground service, order S2291-TO pedestal raceway. A 12" pedestal extension kit is also available order catalog number S2571.
- Hubs: For proper hub selection, refer to the hub suffix chart in the accessories section. Two hub openings are supplied (5 and 6 position units only) and the extra opening is closed with a closing plate as standard. To use a hub smaller than 3", the **\$8324** adaptor is required.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K5T (9 o'clock position).
- Bypass: The horn bypass is factory installed and permits changing and testing of the meter without interrupting customer service when used with utility-supplied jumpers.
- \*For units supplied with 3/8" 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46.

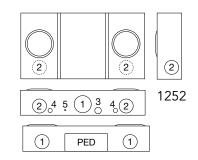


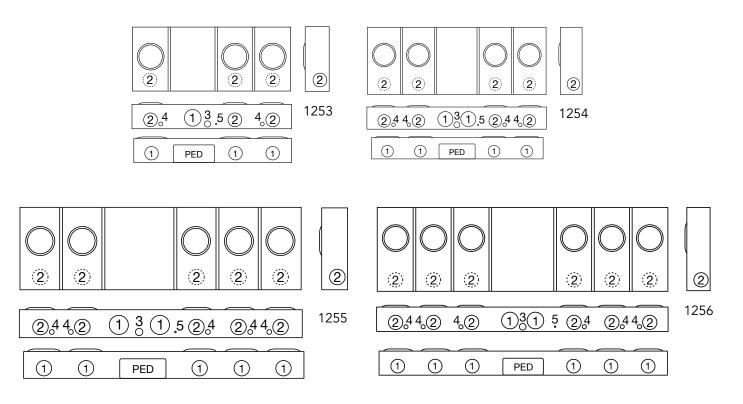
# **Multi-Position Sockets**

U1252-56 Series | Knockout Information

19 200 AMP MULTI-POSITION SOCKETS







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.



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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.

### Notes

	-
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.	
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_	
	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.
	licensed electrician. Installation of this equipment may require local electrical inspector approval.

MILBANK

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





U2854-X-KK



U2866-X-KK

#### 125 amp Per Position | 4 Terminal | Multi-Position Sockets | Horn Bypass | Ringless

			Service Hub		Main Bus	Connector	Dimensions			
Catalog Number	amp	Positions	Service	пир	Rating amp	Line	Load	D"	W"	H"
U2852-X-KK	125	2	OH/UG	СР	200	#6-350	СВ	5 <sup>13</sup> ⁄16	18	25
U2853-X-KK	125	3	OH/UG	СР	200	#6-350	CB	5 <sup>13</sup> ⁄16	18	37
U2854-X-KK*	125	4	OH/UG	СР	400	¾" x 16 Stud	CB	41/8	31	25
U2855-X-KK*	125	5	OH/UG	СР	400	¾" x 16 Stud	CB	41/8	31	37
U2856-X-KK*	125	6	OH/UG	СР	400	∛s" x 16 Stud	СВ	41/8	31	37

200 amp per Position | 4 Terminal | Multi-Position Sockets | Horn Bypass | Ringless

Catalog Number		Positions	Service	Hub	Main Bus	Connector Size		Dimensions		
	amp	Positions	Service	пир	Rating amp	Line	Load	D"	W"	H"
U2862-X-KK	200	2	OH/UG	СР	250	#6-350	СВ	51⁄8	261/2	30
U2863-X-KK	200	3	OH/UG	СР	300	#6-350	СВ	51/8	34%	30
U2864-X-KK*	200	4	OH/UG	СР	400	¾" x 16 Stud	СВ	51⁄8	425	30
U2865-X-KK*	200	5	OH/UG	СР	600	¾" x 16 Stud	СВ	51⁄8	511/20	30
U2866-X-KK*	200	6	OH/UG	СР	600	¾" x 16 Stud	СВ	51⁄8	<b>59</b> <sup>3</sup> ⁄10	30

**Connector Kits\*** 

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

Brea	ker	Chart

Manufactuer	150-200 amp	125 or less		
Cutler Hammer	BR, WBJ	QP, BR		
Siemens	QNR	QP		
G.E.	THQ	THQ		
Square D.	_	Homeline		

#### Notes

• 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. See breaker chart.
Knockouts: See next page for drawings and knockout configurations.

\*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46.





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







U2854-X-KK-PED

U2864-X-KK-PED-CECHA\* Pedestal S2291-TO not included

### 125 amp Per Position | Multi-Position Sockets | Horn Bypass | Ringless

Catalog Number		Destations	Constant	Hub	Main Bus	Connector Size		Dimensions		
	amp	Positions	Service	HUD	Rating amp	Line	Load	D"	W"	Н"
U2852-X-KK-K1-PED-CECHA	125	2	OH/PED	СР	200	#6-350	СВ	5 <sup>13</sup> ⁄16	18	25
U2853-X-KK-K1-PED-CECHA	125	3	OH/PED	СР	200	#6-350	СВ	5 <sup>13</sup> ⁄16	18	37
U2854-X-KK-PED-CECHA*	125	4	OH/PED	СР	400	%" x 16 Stud	СВ	41/8	31	25
U2855-X-KK-PED-CECHA*	125	5	OH/PED	СР	400	%" x 16 Stud	СВ	41/8	31	37
U2856-X-KK-PED-CECHA*	125	6	OH/PED	СР	400	¾" x 16 Stud	СВ	41/8	31	37

200 amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number		Positions	Service	Hub	Main Bus	Connecto	Dimensions			
	amp	Positions	Service	пub	Rating amp	Line	Load	D"	W"	H"
U2862-X-KK-K1-PED-CECHA	200	2	OH/PED	СР	250	#6-350	СВ	51/8	261/2	30
U2863-X-KK-K1-PED-CECHA	200	3	OH/PED	СР	300	#6-350	СВ	51/8	34%	30
U2864-X-KK-PED-CECHA*	200	4	OH/PED	СР	400	%" x 16 Stud	СВ	51/8	421/5	30
U2865-X-KK-PED-CECHA*	200	5	OH/PED	СР	600	¾" x 16 Stud	СВ	51/8	511/20	30
U2866-X-KK-PED-CECHA*	200	6	OH/ PED	СР	600	%" x 16 Stud	СВ	51/8	<b>59</b> <sup>3</sup> ⁄10	30
Connector Kits*	Breaker Chart									

Connect	tor Kit	s*			Breaker Chart						
Size	Suffix	Kit Number	Compatible With Wire Range			Manufactuer	150-200 amp	125 or less			
Single	-K1	K1539	U2852-56, U2862-66	#6-350		Cutler Hammer	BR, WBJ	QP, BR			
Single	-K3 K1540		U2854-56, U2864-66	#4-600		Siemens	QNR	QP			
Twin	-K2	K1350	U2854-56, U2863-66	#6-350		G.E.	THQ	THQ			
IWIN	-K4	K1541	U2864-66	#2-600		Square D.	_	Homeline			

#### Notes

• 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. See breaker chart.

<sup>†</sup>**Underground Applications:** For underground service, order **S2291-TO** raceway referenced on page 18. A 12" pedestal extension kit is also available—order catalog number **S2571**.

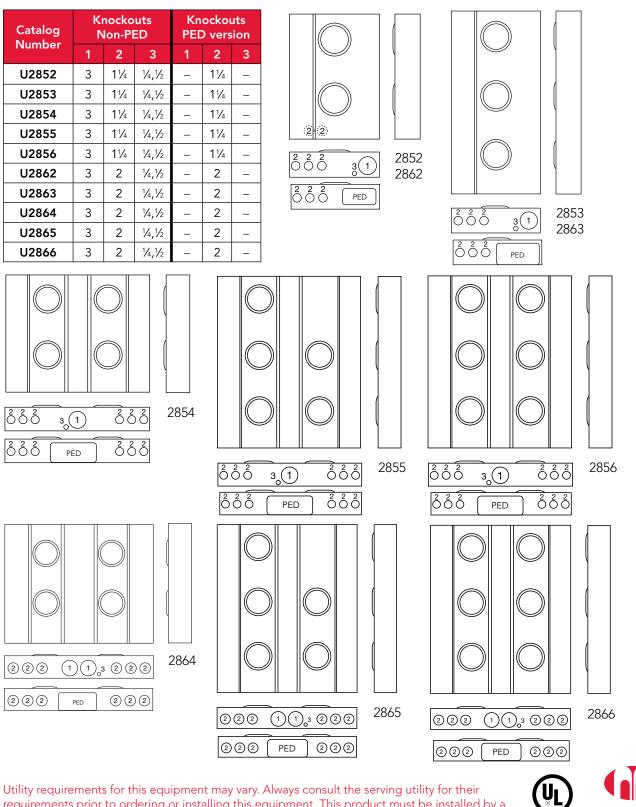
• Knockouts: See next page for drawings and knockout configurations.

\*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46.



Knockout Information





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. MILBANK



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



#### U5882-X-KK-K1



U5884-X-KK-K1

125 amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalan Number		Desitions	Comico	Hub	Connector	's CU/AL	Dimensions			
Catalog Number	amp	Positions	Service	пир	Line	Load	D"	W"	H"	
U5902-X-KK-K1	125	2	OH/UG	C.P.	1/0-350	СВ	51/8	261/2	30	
U5903-X-KK-K1	125	3	OH/UG	C.P.	1/0-350	СВ	51/8	34%	30	
U5904-X-KK-K1	125	4	OH/UG	C.P.	1/0-350	СВ	51/8	421/5	30	
U5905-X-KK*	125	5	OH/UG	C.P.	¾" x 16 Stud	СВ	51/8	511/20	30	
U5906-X-KK*	125	6	OH/UG	C.P.	³⁄₃" x 16 Stud	СВ	51/8	<b>59</b> <sup>3</sup> ⁄ <sub>10</sub>	30	

200 amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number		Positions	Service	Hub	Connector	rs CU/AL	Di	mensions	
Catalog Number	amp	Fositions	Service	пир	Line	Load	D"	W"	H"
U5882-X-KK-K1	200	2	OH/UG	C.P.	1/0-350	СВ	51/8	261/2	30
U5883-X-KK-K1	200	З	OH/UG	C.P.	1/0-350	CB	51⁄8	34%	30
U5884-X-KK-K1	200	4	OH/UG	C.P.	1/0-350	СВ	51/8	421/5	30
U5885-X-KK*	200	5	OH/UG	C.P.	¾" x 16 Stud	CB	51/8	511/20	30
U5886-X-KK*	200	6	OH/UG	C.P.	∛" x 16 Stud	CB	51/8	<b>59</b> <sup>3</sup> ⁄10	30

#### Notes

• AIC Rating: All models are rated 22K AIC when used with approved breakers rated at 22K.

• Fifth Terminal: For field installed fifth terminal, order K5T.

• Breakers Note: Units have provision for one double pole main per meter position. Breakers not included. Add per chart below.

\*For units supplied with 3/8" - 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46

#### Breaker Chart - 10K AIC (unless noted 22K)

Manufacturer	Cutler Hammer	Siemens	G.E. (50 amp Max)	Square D
125 amp or Less	BR, HQP, QPGF	QP, <mark>QPH (22K)</mark>	THQL, THQL-GF	Homeline
150-200 amp	BR, BJ	QN, <mark>QNH (22K)</mark>	—	_



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





U5882-X-KK-K1



U5884-X-KK-K1

125 amp per Position | 4 Terminal | Multi-Position Meter Mains | Horn Bypass | Ringless

Catalog Number		Positions	s Service	Hub	Main Bus	Connector	s CU/AL	Dimensions		
Catalog Number	amp	1 Usitions	Service	пир	Rating amp	Line	Load	D"	W"	H"
U5902-X-KK-K1-PED-CECHA	125	2	OH/UG	C.P.	200	1/0-350	СВ	51⁄8	261/2	30
U5903-X-KK-K1-PED-CECHA	125	3	OH/UG	C.P.	300	1/0-350	СВ	51⁄8	34%	30
U5904-X-KK-K1-PED-CECHA	125	4	OH/UG	C.P.	400	1/0-350	СВ	51/8	421/5	30
U5905-X-KK-PED-CECHA*	125	5	OH/UG	C.P.	500	¾" x 16 Stud	СВ	51⁄8	511/20	30
U5906-X-KK-PED-CECHA*	125	6	OH/UG	C.P.	600	¾" x 16 Stud	СВ	51⁄8	<b>59</b> <sup>3</sup> ⁄10	30

200 amp per Position | 4 Terminal | Multi-position Meter Mains | Horn Bypass | Ringless

Catalag Number		Positions	s Service	LI.J.	Main Bus	Connector	rs CU/AL	Dimensions		
Catalog Number	amp	Positions		anu	Rating amp	Line	Load	D"	W"	H"
U5882-X-KK-K1-PED-CECHA	200	2	OH/UG	C.P.	320	1/0-350	СВ	51/8	261/2	30
U5883-X-KK-K1-PED-CECHA	200	3	OH/UG	C.P.	480	1/0-350	CB	51/8	34%	30
U5884-X-KK-K1-PED-CECHA	200	4	OH/UG	C.P.	640	1/0-350	СВ	51/8	421/5	30
U5885-X-KK-PED-CECHA*	200	5	OH/UG	C.P.	640	¾" x 16 Stud	СВ	51/8	511/20	30
U5886-X-KK-PED-CECHA*	200	6	OH/UG	C.P.	640	¾" x 16 Stud	CB	51⁄8	<b>59</b> <sup>3</sup> ⁄ <sub>10</sub>	30

#### **Notes**

• Underground Applications: For underground service, order S2291-TO raceway referenced on page 18. A 12" pedestal extension kit is also available—order catalog number S2571.

• AIC Rating: All models are rated 22K AIC when used with approved breakers rated at 22K.

- Fifth Terminal: For field installed fifth terminal, order K5T.
- Breakers Note: Units have provision for one double pole main per meter position. Breakers not included. Add per chart below.
- \*For units supplied with 3/8" 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46.

#### Breaker Chart - 10K AIC (unless noted 22K)

Manufacturer	Cutler Hammer	Siemens	G.E. (50 amp Max)	Square D
125 amp or Less	BR, HQP, QPGF	QP, <mark>QPH (22K)</mark>	THQL, THQL-GF	Homeline
150-200 amp	BR, BJ	QN, <u>QNH (22K)</u>	_	_

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.



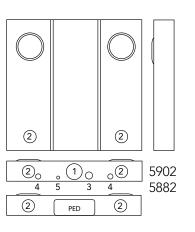
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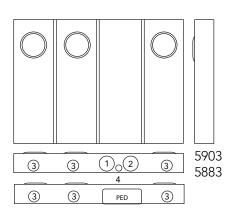
28 KNOCKOUT

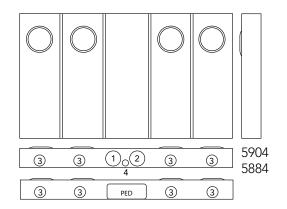
### 5882 & 5902 Series

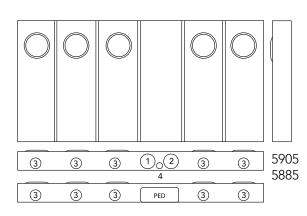
Knockout Information

Catalog Number	Kr	nocko	uts No	n-PE	D	Knockouts PED version				
Number	1	2	3	4	5	1	2	3		
U5882	3	3	1	7/8	1/2	—	11/4	_		
U5883	3	3	21/2	1	_	_		21/2		
U5884	3	3	21/2	1	_	—		21/2		
U5885	3	3	<b>2</b> ½	1		—	_	21/2		
U5886	3	3	<b>21</b> / <sub>2</sub>	1	—	—	—	21/2		
U5902	3	<b>21</b> / <sub>2</sub>	1	7/8	1/2	—	21/2	_		
U5903	3	3	21/2	1	_	—		21/2		
U5904	3	3	21/2	1	—	_		21/2		
U5905	3	3	21/2	1	_	_		21/2		
U5906	3	3	21/2	1	—	_	_	21/2		

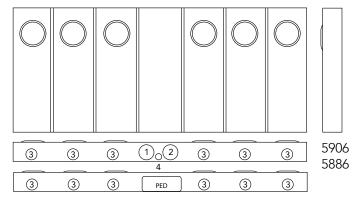








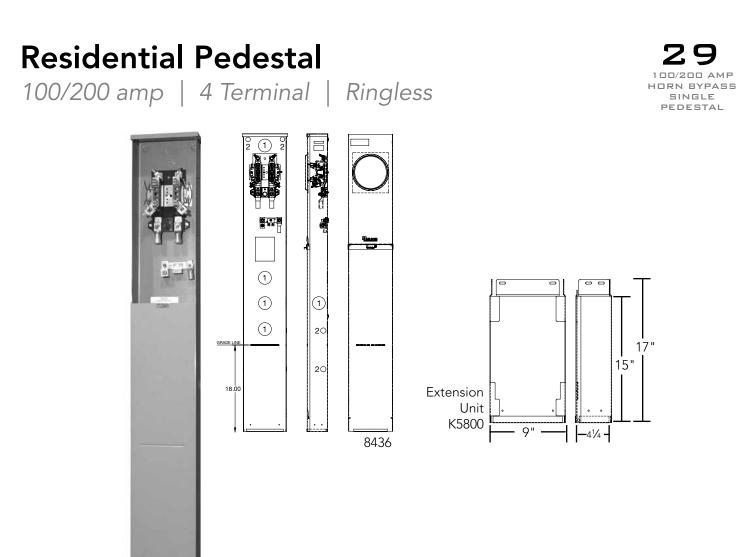
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Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a licensed electrician. Installation of this equipment may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

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100/200 amp	4 Terminal	Rinaless	CECHA Approved	1Ø3W - 600 VAC	Horn Bypass

Catalog	Terminal	Service	Hub	Connector	s CU/AL	Dunass	Dimensions			Knockout	
Number	Terminal	Service	пub	Line	Load Bypass	D"	W"	Η"	1	2	
U8436-O-CECHA	4	UG	Blank	4/0 (Line) 2/0 (Neutral)	#6-350	Horn	41⁄8	9	62	2	3∕4

### Notes

- Hanging Hook: supplied with keyhole hanger for easy mounting.
- Extension Unit: For 15" burial applications, order extension unit K5800; for 30" applications, order (2) K5800 units.
- Fifth Terminal: For field mounted fifth terminal, order catalog number K5T (9 o'clock position).
- Bypass: Horn type bypass.

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.



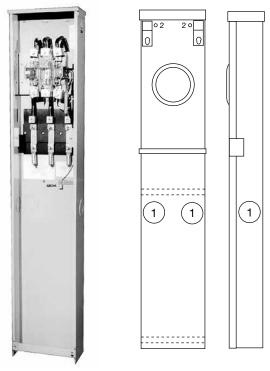
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# Lever Bypass Meter Pedestal

9107 9108

100 & 200 amp | 5 & 7 Terminal | Ringless | 600 VAC



U9107-O

#### 100 & 200 amp | 5 Terminal | 1Ø-3W OR 3Ø-3W

Catalog	Terminal	Comilaa	Lluk	Connecto	Connectors CU/AL Dimensions Knock			Dimensions			kouts
Number	Terminal	Service	пub	Line	Load	Bypass	D"	W"	H"	1	2
U9108-O	5	UG	Blank	3/0-4/0	#6-350	Lever	6	11	58	21/2	5⁄16

#### 100 & 200 amp | 7 Terminal | 3Ø4W

Catalog	Terminal	Somilao	Lluk	Connecto	ors CU/AL	Durage	Din	mensions		Knock	couts
Number	Terminal	Service	пир	Line	Load	Bypass	D"	W"	H	1	2
U9107-O	7	UG	Blank	3/0-4/0	#6-350	Lever	6	11	58	21⁄2	<sup>5</sup> ⁄16

#### Notes

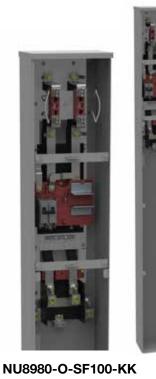
- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Neutral Disconnect: The U9108 has a manual neutral disconnect bolt.
- Extension Kit: Order separately direct burial kit #S3488.
- Fifth Terminal: U9108 Includes factory installed fifth terminal at 9 o'clock. For fifth terminal at 6 o'clock, substitute -5T6 suffix in catalog number.

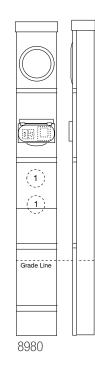


# **Meter Main Pedestal**

100-200 amp | 4 Terminal | Ringless

**B** 100/200 AMP HORN BYPASS METER MAIN PEDESTAL







NU8980-O-200-KK

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

Catalan Namban	L L . J.	Connect	tors CU/AL	Democra	Main E	Breaker	Di	mensio	ons	Knockouts	
Catalog Number	Hub	Line	Load	Bypass	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		Q2100H	6	9	79	21/2	
NU8980-O-SF100-KK-LP	Blank	#6-350	#6-1/0	Horn		Q2100H	6	9	70	21/2	
NU8980-O-200-KK	Blank	#6-350	1/0-300	Horn	_	UQFPH	6	9	79	21/2	
NU8980-O-200-KK-LP	Blank	#6-350	1/0-300	Horn		UQFPH	6	9	70	21/2	

### Notes

- \*Field Installed Circuit Breaker required.
- Series Wired Main: For series wired main order wire kit K5194 and UQFPH-M type circuit breaker.
- Branch Circuit Breakers: Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler-Hammer).
- SF: SF in catalog number has small frame plug-in type circuit breaker installed on 4 circuit load center.
- 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.
- Unit rated up to 22K AIC.

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.

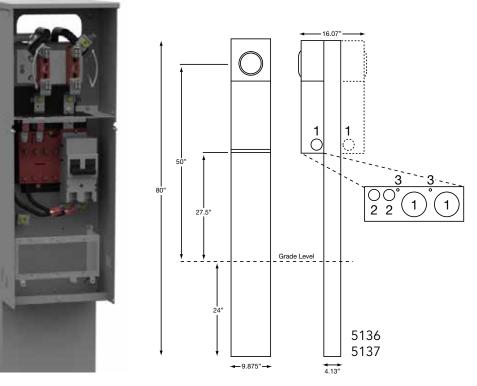


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# Meter Main w/ Load Center Pedestal

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



U5136-O-200S

#### 100-200 amp | 4 Terminal | Meter Main Pedestal | Horn Bypass | Ringless

Catalan Number	Meter	Comico	AIC	Connecto	Durana	Dir	nensi	ons	Knockouts		uts	
Catalog Number	Positions	Service	Rating	Line	Load	Bypass	D"	W"	H"	1	2	3
U5136-O-100S	Single	UG	22K	#6-350	#3-#1 AWG	Horn	41⁄8	<b>9</b> 7⁄8	80	2	1/2,3/4	1⁄4
U5136-O-200S	Single	UG	22K	#6-350	1/0-300	Horn	41⁄8	<b>9</b> 7⁄8	80	2	1/2,3/4	1⁄4
U5137-O-100S	Double	UG	22K	#6-350	#3-#1 AWG	Horn	41⁄8	<b>9</b> 7⁄8	80	2	1/2,3/4	1⁄4
U5137-O-200S	Double	UG	22K	#6-350	1/0-300	Horn	41⁄8	<b>9</b> 7⁄8	80	2	1/2,3/4	1⁄4

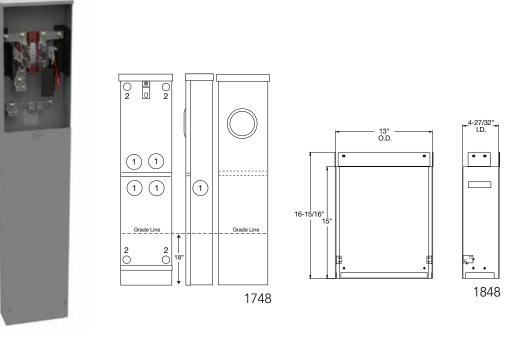
#### **Notes**

- Fifth Terminal: For field installed fifth terminal, order K5T.
- Stabilizer Foot: For field installed stabilizer foot, order K5415.
- Penta Bolt Locking: For field installed pedestal fronts penta bolt locking, order K5039.
- Receptacles: Consult factory for installed receptacle assemblies.
- U5137: Double power head version.
- Branch Circuit Breakers (Four Additional Single Pole Spaces or 2 Double Pole Spaces): Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler Hammer, Murray). Load center rated up to 125 amp max.
- Unit rated up to 22K AIC.



# Lever Bypass Residential Pedestal

320 amp Continuous | 400 amp Max | 4 Terminal



U1748-O-WI

320 amp	4 Terminal	Without Breaker	Ringless
---------	------------	-----------------	----------

Line Load D" W" H" 1	Catalog Number	Service	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts	
<b>111748 O WI</b> LIG Blank Lover <sup>3</sup> / <sub>4</sub> " x 16 Stude Twin #6 350 476 13 64 216 5		Service	пир	Буразз	Line	Load	D"	W"	H"	1	2
	U1748-O-WI	UG	Blank	Lever	¾" x 16 Studs	Twin #6-350	41/8	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.

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.



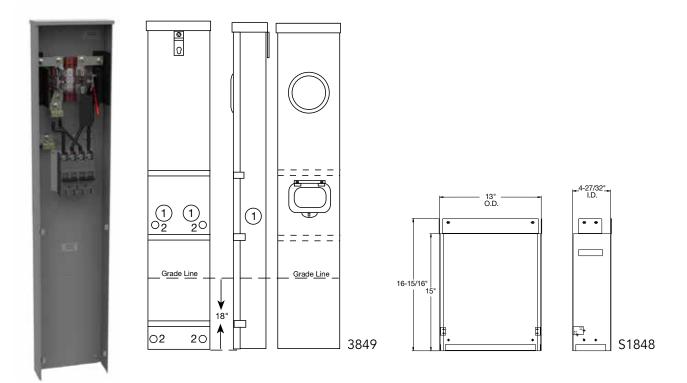
320 AME

LEVER BYPASS RESIDENTIAL PEDESTAL



## **Meter Main Pedestal with Lever Bypass**

320 amp Continuous



U3849-O-2/200

320 amp	4 Terminal	Meter Main Pedestal with Breakers	Ringless	120/240 VAC
---------	------------	-----------------------------------	----------	-------------

Catalog Number	Terminal	Somico	Link	Bypass	Connectors CU/AL		Dimensions			Knockouts	
Catalog Number	Terminal	Service	пub	Буразз	Line	Load	D"	W"	H"	1	2
U3849-O-200/100	4	UG	Blank	Lever	¾" x 16 Stud	*	41/8	13	64	21/2	<sup>5</sup> ⁄16
U3849-O-2/200	4	UG	Blank	Lever	¾" x 16 Stud	1/0-300	41/8	13	64	21/2	<sup>5</sup> ⁄16

#### Notes

- Breakers: Supplied from factory with 2 double-pole, Milbank UQFBH (22K AIC) bolt-on circuit breakers.
- Extension Kit: For extension kit, order as extra catalog number S1848.
- Bypass: Lever supplies clamping action on meter spades and also operates bypass device.
- Short Circuit Current Rating: These units are rated 22K AIC. However, this rating is limited to the lowest interrupting capacity of any circuit breaker installed. Watthour meter not included in short circuit current rating.
- Inversion Clip: Inversion clip, if required, K4802 must be field installed.
- \*For the load side connectors for the 200 amp breaker have a wire range of (1/0 to 300 kmil), for the 100 amp breaker the load side connectors have a wire range of (#3-#1 AWG).

\*For units supplied with 3/8" – 16 hex head nuts with Belleville washers on line side. Order connector kits from pg 46



### Notes

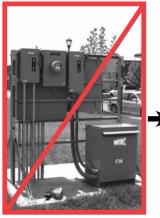
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements prior to ordering or installing this equipment. This product must be installed by a	
licensed electrician. Installation of this equipment may require local electrical inspector approval.	MILBANK
	ENERGYATWORK
Milbank Manufacturing   4801 Deramus Ave., Kansas City, MO 64120   877.483.5314   milbankworks.com	

# **Commercial Pedestals**

Attractive | Easy to install | Secure | Cost-effective

# **Un-Strut Your Stuff!**

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 costeffective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures.





Strut and backboard

**Commercial pedestal** 

### **Standard Features**

- Type 3R rainproof, vandal-resistant cabinet of polyurethanepowder-coated steel (aluminum or stainless steel also available)
- UL-listed as enclosed industrial control equipment (UL508)
- Isolated lockable & 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)
- Meets EUSERC 308 and other utility standards



Ringless socket



Ring type socket



Utility lug landing



Custom interior





## **Commercial Pedestals**

Attractive | Easy to install | Secure | Cost-effective





### **Applications**

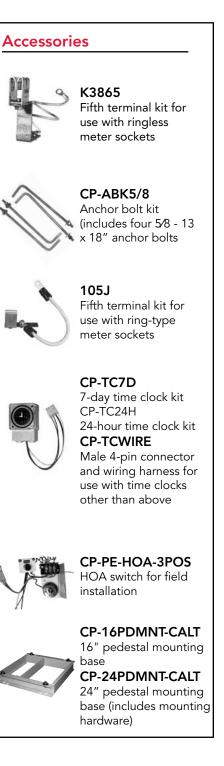
These units are ideal for controlling and metering:

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

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.





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#### 38 COMMERCIAL PEDESTALS

## **Commercial Pedestals**

Main Load Center Series

## CP3B "ML" Series

Main Load Center Series 1Ø3 wire 120/240V or 208Y/120V Application: remote site service for multiple loads

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

- All units feature a load center with a plug-on, back-fed main breaker.
- Load center has 16 positions for the 100 amp pedestals and 24 circuits for the 200 amp pedestals.
- Both sizes include sub-feed lugs to allow feeding an external panel.

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

#### **Features**

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K ampere interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless locket with lever bypass.
- Separate sealable and lockable customer section with a load center for "always on" loads that includes a main circuit breaker, 20 (125 or 200 amp model) or 14 (100 amp model) blank breaker spaces and a circuit directory to document configuration.

#### Main Load Center Series Commercial Meter Pedestals

Catalog Number	<b>Optional Fifth</b>	Load Center	AIC	Meter Socket Type	Main Circ	uit Breakers
(Stocked Items)	Terminal Kit	Circuits	AIC	Meter Socket Type	amp	Spaces
CP3B51115A22	K3865	16	22K	Ringless with lever bypass	100	1, 2
CP3B52119A22	K3865	24	22K	Ringless with lever bypass	200	1, 2, 3, 4

#### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.





## **Commercial Peadestals**

Switched Load Center Series

## CP3B "SL" Series

Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V Applications:

- Traffic signals
- Parking lots
- Highway lighting
- Athletic field lighting

The **Milbank Switched Load Center Commercial Pedestals** are designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

### Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Expandable: load centers allow for future expansion without costly modifications
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 22K ampere interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless socket with lever bypass.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 amp model) or 11 (100 amp model) blank breaker spaces and a circuit directory to document configuration.

Catalog Number	<b>Optional Fifth</b>			Meter Socket Type	Main Circuit Breakers		
(Stocked Items)	Terminal Kit	Circuits	AIC	weter Socket Type	amp	Spaces	
CP3B51110A22SL1	K3865	16	22K	Ringless with lever bypass	100	1, 2	
CP3B52110A22SL1	K3865	24	22K	Ringless with lever bypass	200	1, 2, 3, 4	

#### Switched Load Center Series Commercial Meter Pedestals

#### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.

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.





39 COMMERCIAL PEDESTALS

#### 40 COMMERCIAL PEDESTALS

## **Commercial Pedestals**

## 400 amp Series

## CP3B "400" Series

400 amp Series 1Ø3 wire 120/240V or 208Y/120V

Application: remote site service for residential and commercial job sites.

The Milbank 400 amp Commercial Pedestal is designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

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



#### Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Main circuit breaker or dual service disconnects.
- Expandable: load centers allow for future expansion without costly modifications.
- 22K ampere interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section with lug termination.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a circuit directory and a print pocket to hold documentation.

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Load Center Circuits AIC		Meter Socket Type	Main Circuit Breakers
(Stocked Items)		Circuits			amp
CP3B5411JB22	K3865	0	22K	Ringless with lever bypass	320 (400 max)
CP3B54120B22	K3865	(2) 12 circuit	22K	Ringless with lever bypass	2-200

#### 400 amp Series Commercial Meter Pedestals

#### Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability. Three phase units available.
- Stud utility landing is standard. Lug kits are available from factory. Units with load centers have (2) #6-250 sub-feed lugs on each load center. When ordering, specify lugs or studs for utility landings.



## **Commercial Pedestals**

Irrigation Control Series

#### CP3B "IR" Series

Switched Load Center Series 1Ø3 wire 120/240V or 208Y/120V

Application: power pedestal for irrigation systems

Milbank's Irrigation Control Series pedestals protect electrical equipment, meter and irrigation controller in one lockable, vandal-resistant type 3R UL listed cabinet. A plywood panel facilitates mounting of the irrigation controller. The unit includes two 20-amp breakers for a factory-installed GFCI receptacle and an irrigation control circuit.



#### Features

These units include everything required for remote site service:

- NEMA 3R construction.
- Two each 20 amp single pole circuit breakers: one breaker for standard 20 amp GFCI receptacle and one breaker for irrigation control unit.
- Large plywood back panel for mounting irrigation controller.
- All units feature 200 amp meter socket with optional field-installable fifth terminal kit available.
- 10K ampere interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section with the option of a ring-type socket with test and bypass blocks (conforms to EUSERC 308) OR a heavy duty ringless locket with lever bypass.

#### Irrigation Control Series Commercial Meter Pedestals

Catalog Number (Stocked Items)	Optional Fifth Terminal Kit	Exterior Cabinet	AIC	Meter Socket Type
CP3B511IRASP	K3865	Steel, Light Green	10K	Ringless heavy duty with lever bypass

#### **Notes**

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.





Generators Home Standby, Commercial & Industrial and Portable

### Home Standby Generators

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



### **Automatic Transfer Switches**

- SynapSwitch<sup>™</sup> 100-200 amp
- Vigilant™ 100-1250 amp
- MTS 30-50 amp



### **Commercial/Industrial Generators**

- 80-150kW Gaseous
- 30-155kW Diesel



### **Portable Generators**

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





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.

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## **SynapSwitch**<sup>™</sup> Automatic Transfer Switch

Milbank is proud to introduce the new SynapSwitch<sup>™</sup> | Automatic Transfer Switch (ATS). Compatible with our 8-62kW home standby generators, the SynapSwitch<sup>™</sup> 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<sup>™</sup> 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<sup>™</sup> 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.

# SYNAPSWITCH







## **Circuit Breakers**

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



UQFP UQFPH



UQFP-M UQFPH-M



UQFB-X1



UQFB-X



UQFB

#### 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

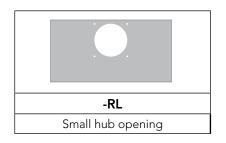
	10K AIC	22K AIC	10K AIC	22K AIC	Wire Range		
amp	Bolt-On	Bolt-On	Bolt-On	Bolt-On	CU	AL	
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0	
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0	
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300	
175	UQFB-175	UQFBH-175	UQFB-175-X1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

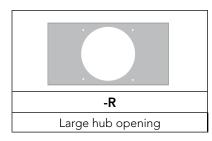
- UL Listed: For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- UQFP-M: For series main circuit breaker applications Split load tab features allow for feed-through capability.
- UQFB: (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).
- **UQFB3:**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



# Accessories



							$\sum$				•
-WL	A7514	-YL	A7515	-ZL	A7516	-DL	A7517	-EL	A7518	-XL	A7551
1"	hub	11⁄4	hub	1 <sup>1</sup> /2	" hub	2"	hub	21/2	ź" hub	Small o	closing plate



							·		
-F	A8110	-G	A8111	Н	A8112	-X	A9064	-RRL	\$8324
3"	hub	31⁄2"	hub	4"	hub	Large clo	sing plate	Large hub ope small hu	ening adapted to Ib opening



# Accessories

Connector Kits, Closing Kits and Sealing Rings

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

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

#### **Bypass Link**



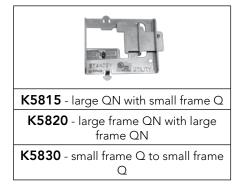
#### **Closing Covers**

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

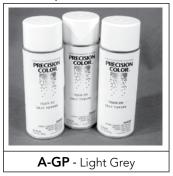
#### **Sealing Rings**



#### **Generator Interlock**



#### **Touch-Up Paint**





## **Accessories** Fifth Terminal and Tap Connectors

#### **Fifth Terminal**

<b>5T8K2</b> - 100-200 amp "Plug-In"	<b>K5T</b> - 200 amp (Block with Square Hole)	<b>K3865</b> - Heavy Duty Jaw Clamping ( <b>K3866</b> without Neutral Wire)	This is for Condo metering Banks (125-200 amp) <b>K2381</b>	

#### 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. <b>K5022</b> includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.
K4977-INT - Internal H	lex
K4977-EXT - External H	Hex
K5022-INT - Internal Hex (set of	4 w/ barrier)

#### **Pedestal Extension Units**

Catalog Number	D"	W"	Н"
S8988	41⁄2	<b>8</b> ¾16	15
S3488	6	11	15
S2571	41⁄8	10	12
S1848	47/8	13	15
K4694	6	9	24
K5800	41/8	9	15

#### **Isolated Neutral Kit**



#### Anti-Inversion Clip



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

K4802

#### **Triplex Ground**



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

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.



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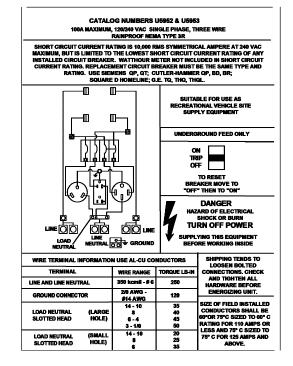
# Conduit, Ampacity & SCCR

Reference Information

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

Tuno	Conductor Size				Condu	it Trac	de Size	es (Inc	hes)		
Туре	(AWG/kcmil)						2	21/2		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, XHHW-2	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

#### SAMPLE RATING LABEL



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)

*c	U	AL or **Cu-Clad AL				
А	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, 21 \*\*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
ΉW,	31 - 35	.94	87 - 95
, 2W.	36 - 40	.88	96 - 104
r	41 - 45	.82	105 - 113
	46 - 50	.75	114 - 122
WN,	51 - 55	.67	123 - 131
	56 - 60	.58	132 - 140
-16)	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 220-94 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

1. Use caution and follow established safety procedures:

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

#### After Energizing

1. Secure the installation:

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

#### **Recommended Torque for General Applications\***

Nominal		Joint Description	Head	Tourse (In shall be )	
Size	Screw	Nut	Туре	Torque (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. CU: Copper AL: Aluminum





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).



# 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

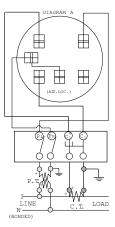


DIAGRAM E 3⊘3W "∆" with 2 P.T.'s & 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

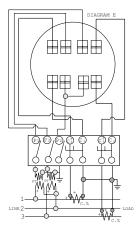


DIAGRAM I 3/24W "Y" or "A" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "A" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

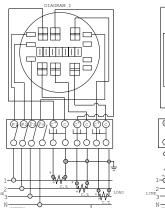


DIAGRAM B 1Ø3W with 1 C.T. Single Stator Meter(2W1Ø) - Form 3S 5T Socket, Test Switch #TS04-0101

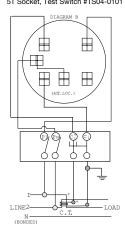


DIAGRAM F 3Ø3W "∆" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

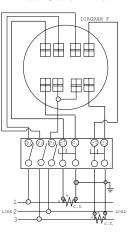


DIAGRAM J 3Ø4W "Y" with 3 P.T.'s & 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109

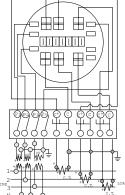


DIAGRAM C 1⊘3W with 2 C.T.'s Single Stator Meter(3W1⊘) - Form 4S 6T Socket, Test Switch #TS07-0105

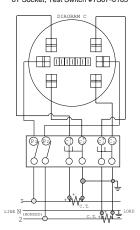


DIAGRAM G 3Ø4W "Y" with 3 C.T.'s 2 ½ Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109

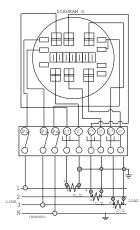


DIAGRAM D 1Ø3W or 3W Network with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

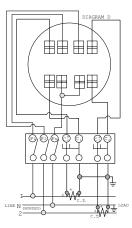
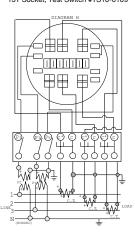


DIAGRAM H 3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 % Stator Meter - Form 6S 13T Socket, Test Switch #TS10-0109



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

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.

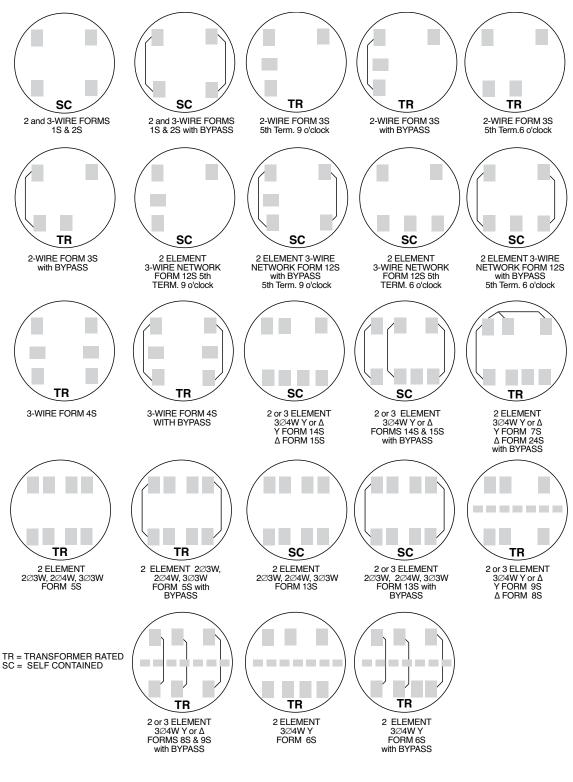


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## Watthour Meter Forms

Standard Forms | Transformer Rated or Self-Contained

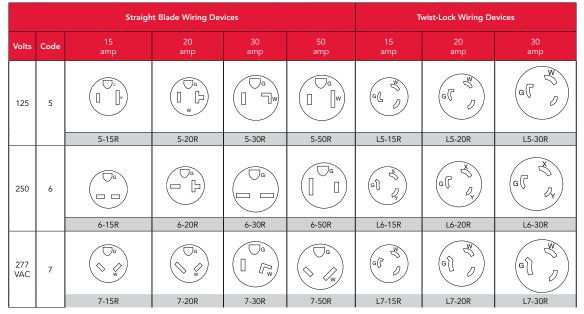




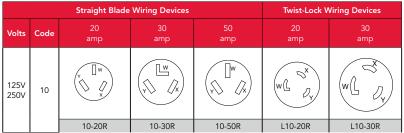
# **Standard NEMA Configurations**

**Reference Information Only** 

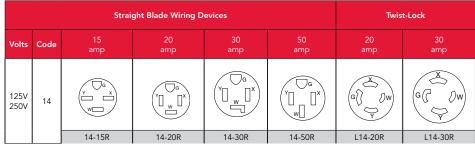
### 2 Pole | 3 Wire | Grounding Receptacles



#### 3 Pole | 3 Wire | Special Applications



#### 3 Pole | 4 Wire | Grounding



#### 2 Pole | 3 Wire | Grounding | NEMA Trailer

Straight Blade Wiring Devices		
Volts	Code	30 amp
125V	тт	G G V W



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