



**MILBANK**<sup>®</sup>  
ENERGY AT WORK



# LOUISIANA & MISSISSIPPI

**Area Catalog**



Milbank Manufacturing  
products for use within  
Louisiana and Mississippi  
service area.

# Milbank Overview

## Energy At Work Since 1927

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



### Metering

Milbank has been a market leader in electrical metering equipment, setting the standard in quality, for 95 years and counting. There are hundreds of available configurations, including a range of sizes as well as various knockout, terminals and bypass options. Products also have a variety of selections for hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.



### Enclosures

Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireways and troughs. Enclosures are designed to meet or exceed industry standards. Each one is constructed with high-quality materials and built with superior craftsmanship. Each unit is engineered to protect controls and equipment from dust, dirt and other harmful elements, based on various NEMA ratings.



### Power Distribution & Controls

Milbank doesn't just build empty enclosures. We design and deliver complete power distribution solutions. Our custom power distribution and control equipment is engineered and built to your exact specifications. Milbank systems are an attractive, secure, easy to install, and cost-effective option. These units can replace unsightly or insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



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# Air Conditioner Disconnects

30-60 Amps | Fusible and Non-Fusible



U3802



U3812



U3832

Milbank’s air conditioner disconnect features a removable hinged cover for easy installation. Our compact design meets NEC wiring space requirements and also complies with NEC Article 440-14. To ensure safe working conditions, our disconnect pullers can be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. Like other Milbank products, our enclosure is constructed of G90 galvanized steel and electrostatically finished with an attractive, light gray baked powder coating. Our epoxy/polyester resin blend provides a durable and fade-resistant finish..

## 30–60 Amp | 1Ø 240V | Air Conditioner Disconnects

Catalog Number	Amp	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
					CU	AL		D"	W"	H"	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	2½	5	7½	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	2½	5	7	60°/75°	60°/75°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2½	5	9	60°/75°	60°/75°

### Notes

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



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# Air Conditioner Disconnects

5

60 Amps | With 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, 240V
- 60 Amps, non-fused
- 20 Amp GFCI receptacle
- Reset/test button
- Weather- and tAmper-resistant
- Meets NEC #406.8 requirements

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

Catalog Number	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
				CU	AL		D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4½	5¼	7½	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).

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U4881-O-50GB



U4881-O-60GB

## Specifications

- 240V ground fault protection
- UL-listed, NEMA 3R weather-resistant
- Two-pole, 50 or 60 Amps GFCI breaker protection
- Compact size
- Three- or four-wire installation
- 1Ø, 120/240V
- Standard package of 12
- 100 Amps overall rating
- Easy to install

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

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

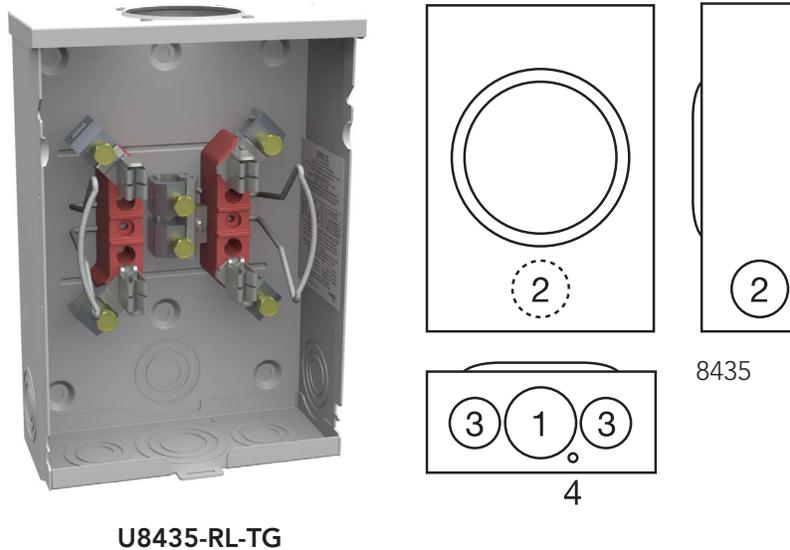


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# Single Position Sockets

7

125 Amps | 4 Terminals | Ringless



U8435-RL-TG

## Notes

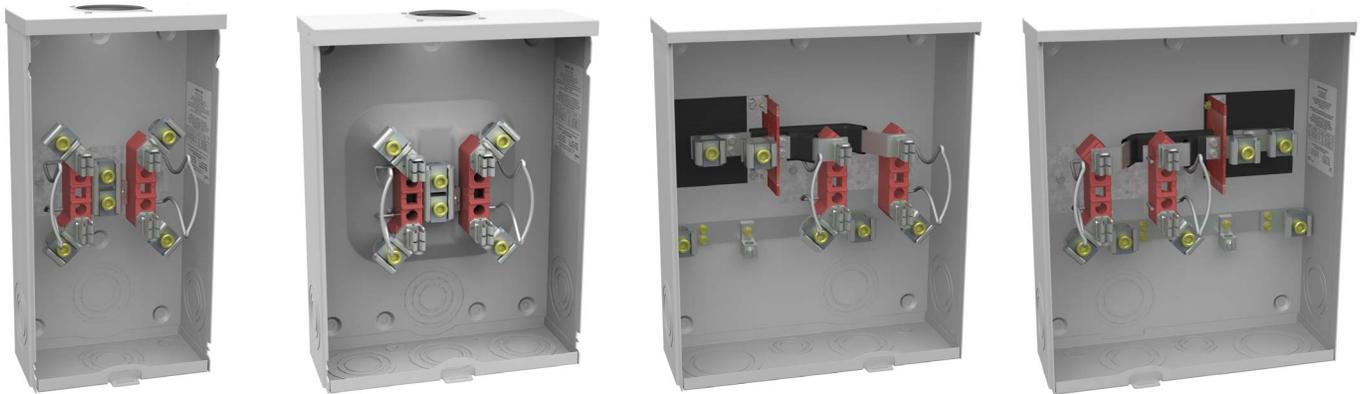
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **5T8K2**.
- **Connectors:** Extruded aluminum connectors are tin-plated. Unit is supplied with a triplex ground.

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# Single Position Sockets

200 Amps | 4 Terminals | Ringless

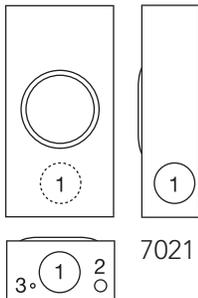


U7021-RL-TG

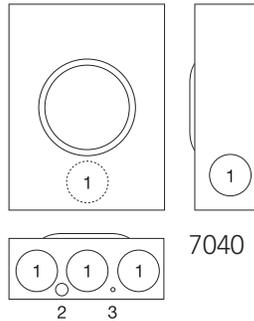
U7040-RL-TG

U1980-O

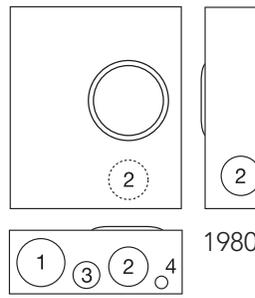
U4413-O



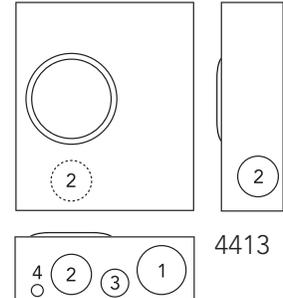
7021



7040



1980



4413

200 Amps | 4 Terminals | Ringless | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7021-RL-TG	4	OH	H.O.	#6-350	#6-350	None	4 1/8	8	15 1/2	2 1/2	1/4, 1/2	1/4	—
U7021-DL-TG	4	OH	2"	#6-350	#6-350	None	4 1/8	8	15 1/2	2 1/2	1/4, 1/2	1/4	—
U7040-RL-TG	4	OH	H.O.	#6-350	#6-350	None	4 1/8	11	15 1/2	2 1/2	1/4, 1/2	1/4	—
U1980-O	4	UG	Blank	#6-350	#6-350	None	4 1/2	13	15 1/4	3	2 1/2	1 1/2	1/4, 1/2
U4413-O	4	UG	Blank	#6-350	#6-350	None	4 1/2	13	15 1/4	3	2 1/2	1 1/2	1/4, 1/2

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **U4413-O:** This unit is a right-side wireway design.



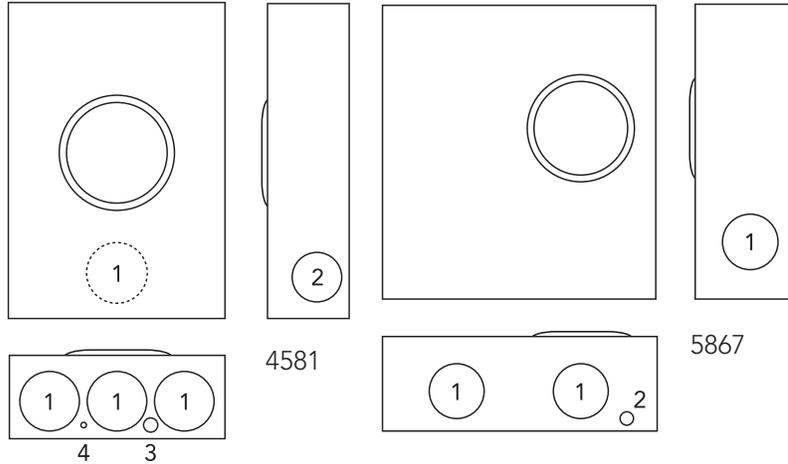
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# Lever Bypass Single Position

200 Amps | 5 Terminals | Ringless



U4581-RL-QG



## 200 Amps | 5 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U4581-RL-QG	5	OH	H.O.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
U5867-X	5	UG	C.P.	#6-350	#6-350	Lever	6	18	19 <sup>1</sup> / <sub>4</sub>	3	1 <sup>1</sup> / <sub>4</sub> , <sup>1</sup> / <sub>2</sub>	—	—

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Center Disconnect:** The **U4581** has a manual center disconnect on the neutral/center phase.
- **Bonding Link:** The **U4581** is factory bonded and can be field-isolated.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Connectors:** Extruded aluminum connectors are tin-plated.

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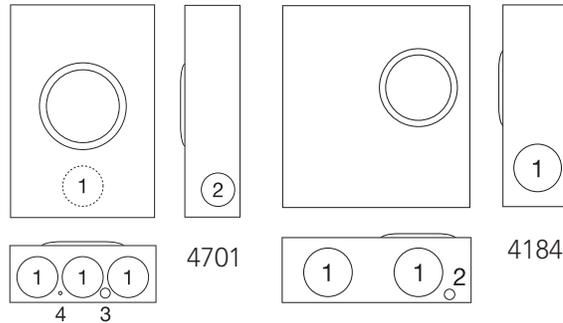


# Lever Bypass Single Position

200 Amps | 7 Terminals | Ringless



U4701-RL-QG



U4184-X

200 Amps | 7 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U4701-RL-QG	7	OH	H.O.	#6-350	#6-350	Lever	4 <sup>7</sup> / <sub>8</sub>	13	19	3	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>4</sub>
U4184-X	7	UG	C.P.	#6-350	#6-350	Lever	6	18	19 <sup>1</sup> / <sub>4</sub>	3	1 <sup>1</sup> / <sub>4</sub> , 1 <sup>1</sup> / <sub>2</sub>	—	—

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Isolated Neutral:** For field-installed isolated neutral for the **U4701**, order **K1047**.



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# Lever Bypass Single Position

1 1

320 Amps | 4 Terminals | Ringless



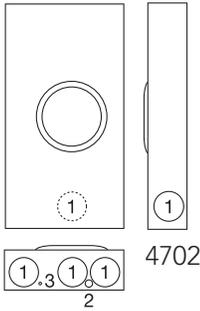
U4702-X



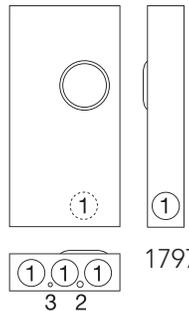
U1797-O-K3L-K2L



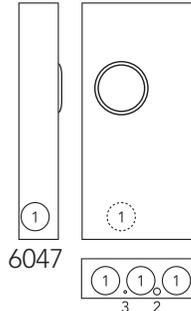
U4257-X



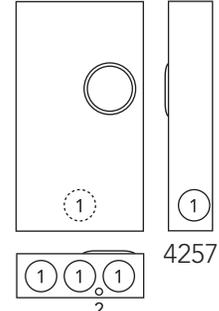
4702



1797



6047



4257

320 Amps | 4 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U4702-X	4	OH	C.P.	3/8" x16 Studs	3/8" x16 Studs	Lever	4 7/8"	15	28 3/4"	3	1/4, 1/2	1/4
U1797-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	Lever	4 7/8"	15	30	3	1/4, 1/2	1/4
U6047-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	Lever	4 7/8"	15	30	3	1/4, 1/2	1/4
U4257-X	4	UG	C.P.	3/8" x16 Studs	3/8" x16 Studs	Lever	6 1/2"	19	34 1/8"	4	1/4, 1/2	—

## Notes

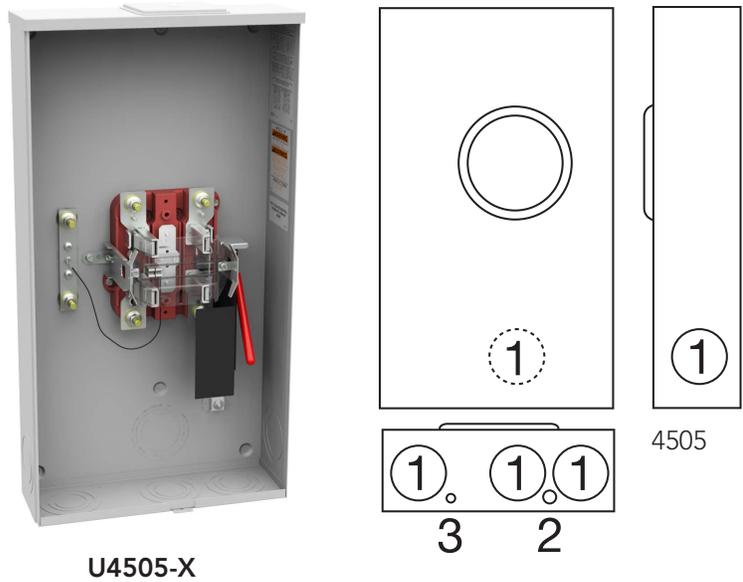
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Fifth Terminal:** For field-installed fifth terminal, order **K3865**.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5979** for **U4702**, **K5978** for **U1797** and **U6047**, and **K5977** for **U4257**.
- **Connectors:** Studded products are supplied with 3/8" -16 hex head nuts with Belleville washers. Order extra lug kids from accessories section. Separate lug kits are required for line and load.
- **U6047-O-K3L-K2L:** This unit is a right-side wireway design.

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# Lever Bypass Single Position

320 Amps | 5 Terminals | Ringless



**320 Amps | 5 Terminals | Ringless | Lever Bypass | Single Position**

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U4505-X	5	OH	C.P.	3/8"x16 Studs	3/8"x16 Studs	Lever	4 7/8	15	28 1/4	3	1/4, 1/2	1/4

**Notes**

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5979**.
- **Connectors:** Studded products are supplied with 3/8"-16 hex head nuts with Belleville washers. Order extra lug kids from accessories section. Separate lug kits are required for line and load.

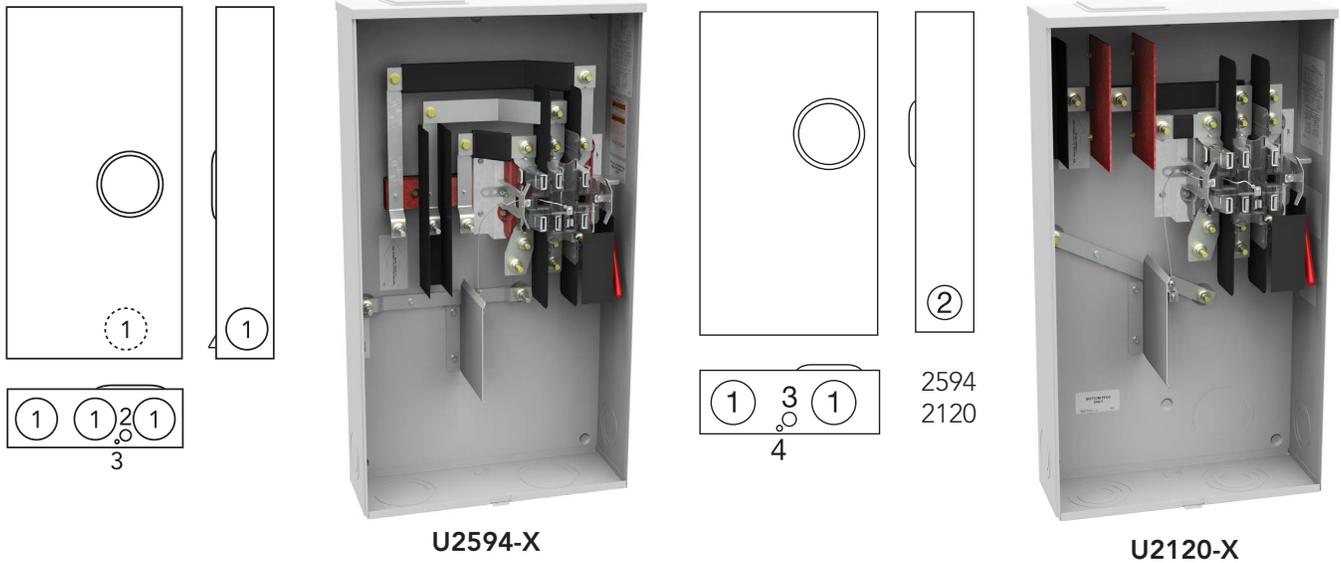


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# Lever Bypass Single Position

1 3

320 Amp | 7 Terminals | Ringless



U2594-X

U2120-X

320 Amps | 7 Terminals | Ringless | Lever Bypass | Single Position

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U4487-X-2/K6	7	OH	C.P.	#6-350	#6-350	Lever	6½	20	40	4	1	¼	—
U2594-X	7	OH/UG	C.P.	¾"x16 Studs	¾"x16 Studs	Lever	6½	19	34⅞	4	3	1	¼
U2120-X	7	UG	C.P.	¾"x16 Studs	¾"x16 Studs	Lever	6½	17¾	31¾	4	3	1	¼

## Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Lever Bypass:** The lever supplies clamping action and operates bypass device.
- **Isolated Neutral:** For field-installed isolated neutral, order **K5977**.
- **Connectors:** Studded products are supplied with ¾"-16 hex head nuts with Belleville washers. Order extra lug kids from accessories section. Separate lug kits are required for line and load.

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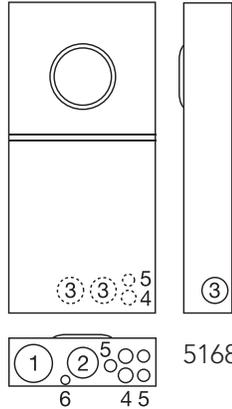
# 1 4

# Meter Main with Load Center

200 Amps | 4 Terminals | Ringless | **NEC 2020 Compliant**



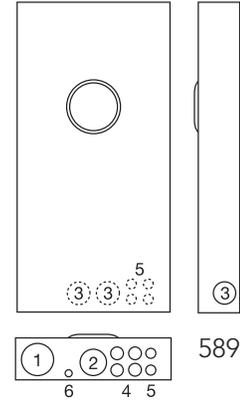
U5168-XTL-200



5168



U5898-O-200



5898

## 200 Amps | 4 Terminals | Ringless | Meter Main with Load Center

Catalog Number	Service	Hub	Circuits	Connectors CU/AL		Dimensions			Knockouts					
				Line	Load	D"	W"	H"	1	2	3	4	5	6
U5168-XTL-200	OH	C.P.	8	#6-350 kcmil	#6-350 kcmil	4½	14⅞	32	3	2½	2	1	½,¾	¼,½
U5268-XTL-200	OH	C.P.	20	#6-350 kcmil	CB	4½	14⅞	30	3	2½	2	1	½,¾	¼,½
U5898-O-200*	UG	Blank	8	#6-350 kcmil	#6-350 kcmil	4½	17	34½	3	2½	2	1	½,¾	¼,½

### Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Wireway:** Provided with underground pull section wireway with removable cover.
- **Bussing:** Load side bus bars and circuit breaker interior are made from plated copper.
- **Fifth Terminal:** For field-installed fifth terminal, order separately catalog number **K5T**. Available with factory-installed fifth terminal—add suffix **-5T9** for 9 o'clock position.
- **Interlock Kit:** The **U5168** and **U5898** is compatible with a generator auxiliary circuit breaker interlock. For large frame **QN** with small frame **Q** order **K5815**; for large frame **QN** with large frame **QN** order **K5820**.
- \* **Side bussing** on designated units.

### Breaker Chart for U5168, U5268, U5898

Rating kAIC	Circuit Breakers	Brand	Model
10	Main	Siemens	QNR, QNRH
	Branch	Cutler Hammer	BR, BRH, HQP, QPHW, QPGF, QPHGF
		Square D	Homeline, GE (50 Amp max), THQL, THHQL, THQL-GF, THHQL-GF
22	Main	Siemens	QNRH
	Branch		QP QPH



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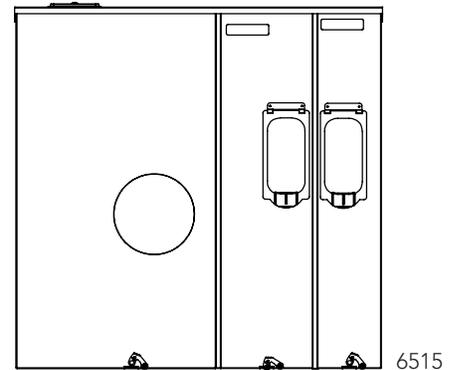
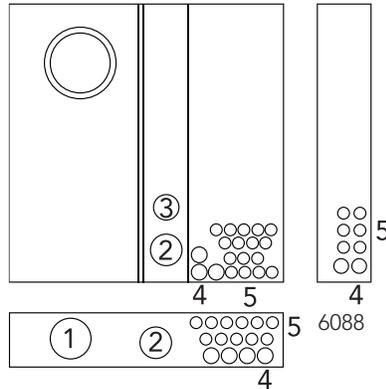
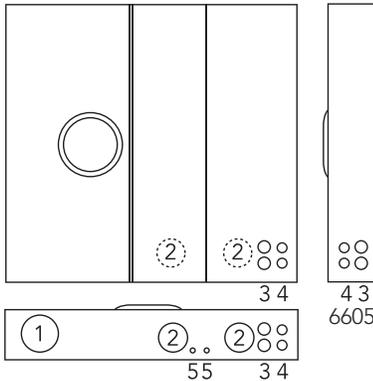
# Meter Main with Load Center

15

320 Amps | 4-7 Terminals | NEC 2020 Compliant



U6605-X-2/200



## 320 Amps | 4 Terminals | NEC 2020 Compliant

Catalog Number	Service	Circuits	Ring or Ringless	Primary Disconnect	Secondary Disconnect	Bypass	Dimensions			Knockouts			
							D"	W"	H"	1	2	3	4
U6605-X-2/200-MLK-ENT	OH/UG	10	Ringless	200 Amp / 2 pole breaker	200 Amp / 2 pole breaker	Lever	5 <sup>15</sup> / <sub>16</sub>	29 <sup>1</sup> / <sub>2</sub>	35	4	2 <sup>1</sup> / <sub>2</sub>	1	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>
U6088-O-2/200	UG	24	Ring-type	200 Amp / 2 pole breaker	200 Amp / 2 pole breaker	None	6 <sup>1</sup> / <sub>8</sub>	22 <sup>7</sup> / <sub>8</sub>	36	4	2 <sup>1</sup> / <sub>2</sub>	1	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>

## 320 Amps | 7 Terminals | Meter Main | Ringless

Catalog Number	Service	Primary Disconnect	Secondary Disconnect	Bypass	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U6515-X-2/200-K7L	OH/UG	200 Amp / 3 pole breaker	200 Amp / 3 pole breaker	Lever	7	34 <sup>1</sup> / <sub>4</sub>	34	4	2 <sup>1</sup> / <sub>2</sub>	1 <sup>1</sup> / <sub>2</sub> , <sup>3</sup> / <sub>4</sub>	1 <sup>1</sup> / <sub>4</sub>

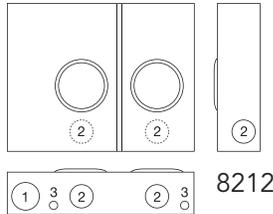
## Notes

- **Neutral:** Bonded neutral and ground factory-installed.
- **Flush Mount:** Flush mounting available for **U6088**. Order catalog number **FK-M400-UG** separately.
- **SCCR Rating:** 22K AIC standard on **U6605** and **U6088**. **U6416** 10K AIC at 480/277 and 22K AIC at 120/208.
- **Bypass:** Lever supplies clamping action and operates bypass device on **U6605** and **U6515** only.
- **Conversion Kit:** To field convert **U6088**. **UG** unit to **OH**, order **K4787-R**.
- **Lug Stud Size:** Lug stud size for **U6605** is **3/8"**. Lug size for **U6088**. is **1/2"**.

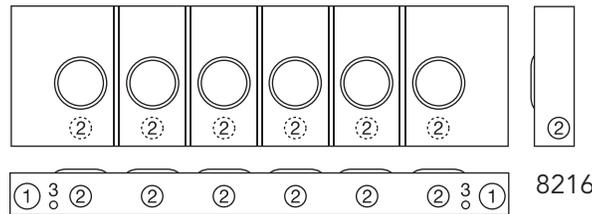
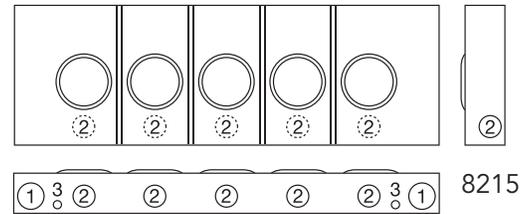
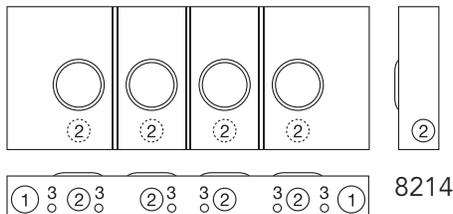
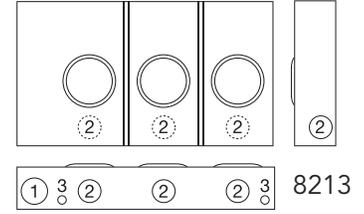
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100 Amps | 4 Terminals | Ringless | 300V



U8212-RL



100 Amps per Position | 4 Terminals | Multi-Position | End Wireway | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U8212-RL	2	OH	H.O.	#6-350	#6-2/0	4½	20⅝	16	2½	2	¼, ½
U8213-RL	3	OH	H.O.	#6-350	#6-2/0	4½	28½	16	2½	2	¼, ½
U8214-RL	4	OH	H.O.	#6-350	#6-2/0	4½	40⅞	16	2½	2	¼, ½
U8215-RL	5	OH	H.O.	#6-350	#6-2/0	4½	48⅞	16	2½	2	¼, ½
U8216-RL	6	OH	H.O.	#6-350	#6-2/0	4½	57⅞	16	2½	2	¼, ½

### Notes

- **Hub:** For proper hub selection refer to the hub suffix chart on the accessories page. A hub opening is supplied at each end and the extra opening is closed with a closing plate as standard.
- **Fifth Terminal Kit:** For field mounted fifth terminal, order **5T8K2** for 6 o'clock and **K9959** for 9 o'clock position.
- **Connectors:** Extruded aluminum connectors are tin-plated.



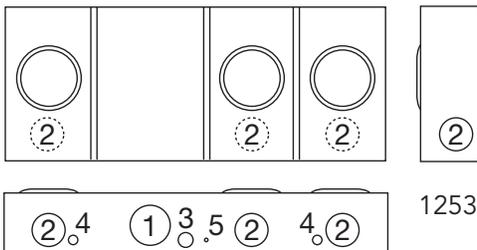
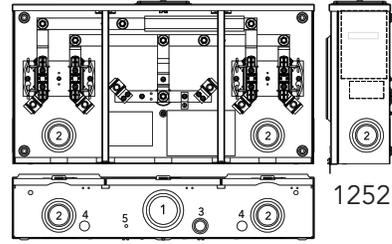
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# Multi-Position Sockets

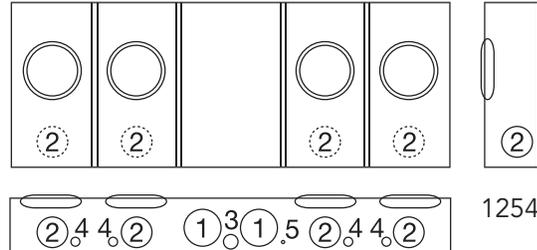
200 Amps | 4 Terminals | Ringless | 300V



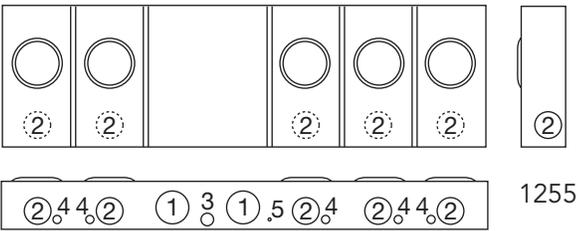
U1254-X



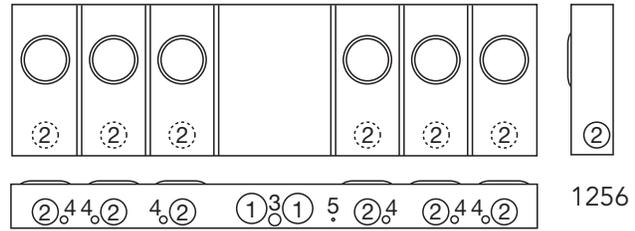
1253



1254



1255



1256

200 Amps per Position | 4 Terminals | Multi-Position | Center Wireway | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U1252-REL-K1	2	OH/UG	2½	#6-350	#6-350	5⅞	26½	14	3	2½	1	½	¼
U1253-X	3	OH/UG	C.P.	⅜" x 16 Studs	#6-350	5⅞	34½	14	3	2½	1	½	¼
U1254-X	4	OH/UG	C.P.	⅜" x 16 Studs	#6-350	5⅞	42⅛	16	3	2½	1	½	¼
U1255-X	5	OH/UG	C.P.	⅜" x 16 Studs	#6-350	5⅞	54⅛	16	3	2½	1	½	¼
U1256-X	6	OH/UG	C.P.	⅜" x 16 Studs	#6-350	5⅞	62⅞	18	3	2½	1	½	¼

## 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).
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Amperage Rating:** The **U1255** and **U1256** are rated 160 Amps continuous, 200 Amps maximum.

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# Multi-Position Meter Mains

125-200 Amps | 4 Terminals | 22K AIC Rated | 240V  
NEC 2020 Compliant



U5882-X



U5884-X

125-200 Amps | 4 Terminals | Ringless

Catalog Number	Amp	Positions	Service	Hub	Connectors CU/AL		Dimensions			Weight (lbs.)
					Line	Bypass	D"	W"	H"	
U5902-X	125	2	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	26 1/2"	30	58
U5903-X	125	3	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	34 5/8"	30	88
U5904-X	125	4	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	42 5/8"	30	107
U5905-X	125	5	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	51 1/20"	30	128
U5906-X	125	6	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	59 3/10"	30	146
U5882-X	200	2	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	26 1/2"	30	58
U5883-X	200	3	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	34 5/8"	30	88
U5884-X	200	4	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	42 5/8"	30	107
U5885-X	200	5	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	51 1/20"	30	128
U5886-X	200	6	OH/UG	C.P.	3/8" x 16 Studs	None	5 1/8"	59 3/10"	30	146

## Notes

- **Knockouts:** See drawings on the next page.
- **Optional:** Factory-installed breakers are available—consult factory.
- **AIC Rating:** All models are rated **22K AIC** when used with approved breakers rated at 22K.
- **Hub:** Units supplied with one closing plate. Order hubs separately, see accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order **K5T**.
- **Connectors:** Socket is supplied with 3/8" - 16 hex head nuts with Belleville washers. Order extra lug kids from accessories section. Separate lug kits are required for line side.
- **Load Side:** Dependant upon field-installed breaker.

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

Manufacturer	Cutler-Hammer	Siemens	GE (50 Amps Max)	Square D
125 Amps or Less	BR, HQP, QPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amp	—	QN, QNH (22K)	—	—



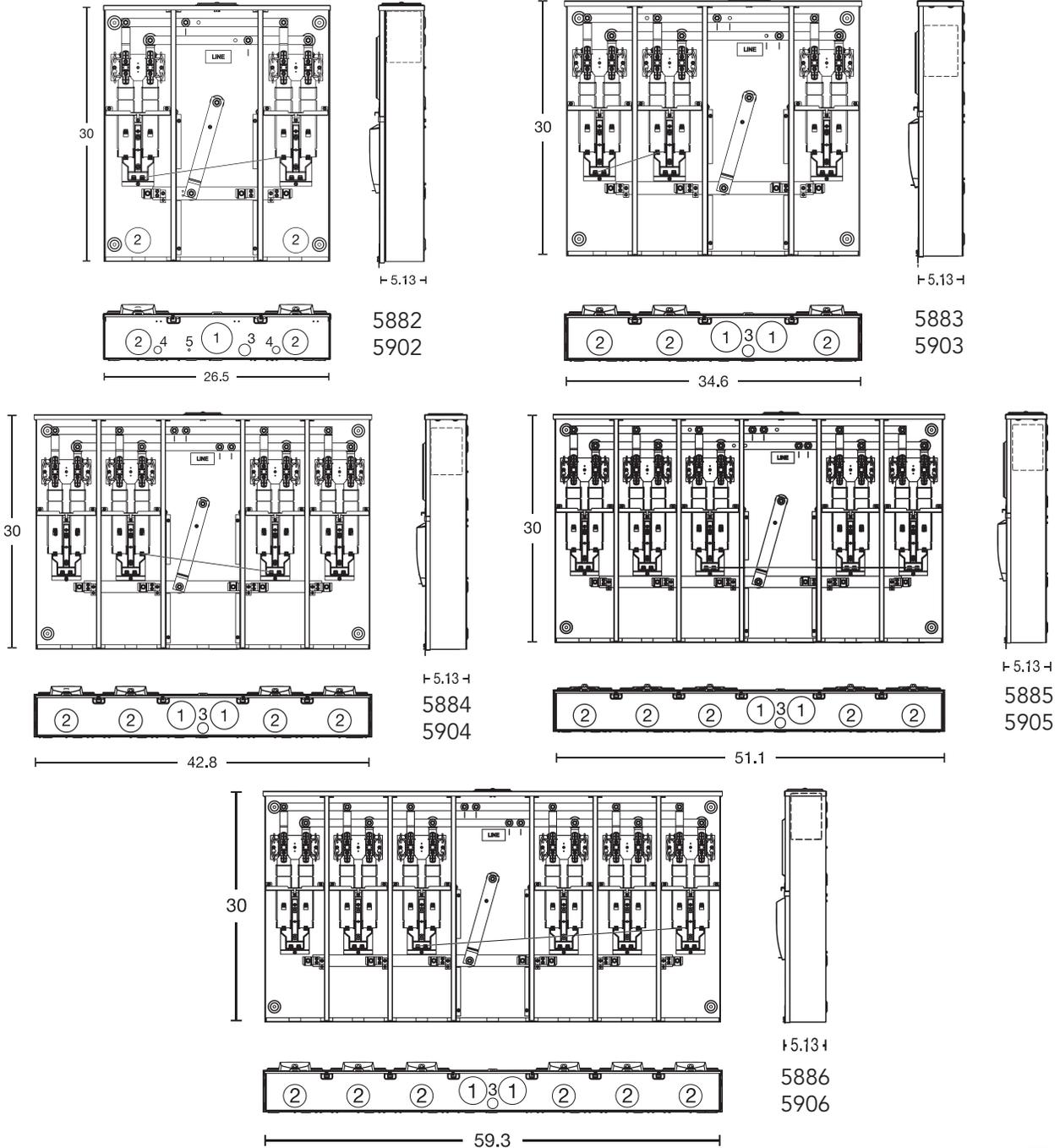
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# Multi-Position Meter Mains

## U5902 and U5882 Series Dimensional Information

NEC 2020 Compliant

Knockouts				
1	2	3	4	5
3	2½	1	¾	¼



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# 20

# Multi-Position Meter Mains

200 Amps | 4 Terminals | Lever Bypass | 22K AIC Rated | 240V  
NEC 2020 Compliant



U5974-XT

200 Amps | 4 Terminals | Lever Bypass | Ringless

Catalog Number	Amp	Positions	Service	Hub	Connectors CU/AL	Bypass	Dimensions			Weight (lbs.)
					Line		D"	W"	H"	
U5972-XT	200	2	OH/UG	(2) C.P.	3/8" x 16 Studs	Lever	5 <sup>31</sup> / <sub>32</sub>	36 <sup>3</sup> / <sub>8</sub>	34	97
U5973-XT	200	3	OH/UG	(2) C.P.	3/8" x 16 Studs	Lever	5 <sup>31</sup> / <sub>32</sub>	46 <sup>1</sup> / <sub>2</sub>	34	146
U5974-XT	200	4	OH/UG	(2) C.P.	3/8" x 16 Studs	Lever	5 <sup>31</sup> / <sub>32</sub>	57 <sup>1</sup> / <sub>16</sub>	34	179
U5975-XT	200	5	OH/UG	(2) C.P.	3/8" x 16 Studs	Lever	5 <sup>31</sup> / <sub>32</sub>	67 <sup>1</sup> / <sub>8</sub>	34	213
U5976-XT	200	6	OH/UG	(2) C.P.	3/8" x 16 Studs	Lever	5 <sup>31</sup> / <sub>32</sub>	77 <sup>1</sup> / <sub>16</sub>	34	246

## Notes

- **Knockouts:** See drawings on the next page.
- **AIC Rating:** All models are rated **22K AIC** when used with approved breakers rated at 22K.
- **Hub:** Units supplied with one closing plate. Order hubs separately, see accessories page.
- **Fifth Terminal:** For field-installed fifth terminal, order **K3866**.
- **Lug Kits:** Sold separately.
- **Front Covers:** Barrel lock option available—contact factory.
- **Load Side:** Dependant upon field-installed breaker.

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

Manufacturer	Cutler-Hammer	Siemens	GE (50 Amps Max)	Square D
125 Amps or Less	BR, HQP, QPGF	QP, QPH (22K)	THQL, THQL-GF	Homeline
150-200 Amp	—	QN, QNH (22K)	—	—

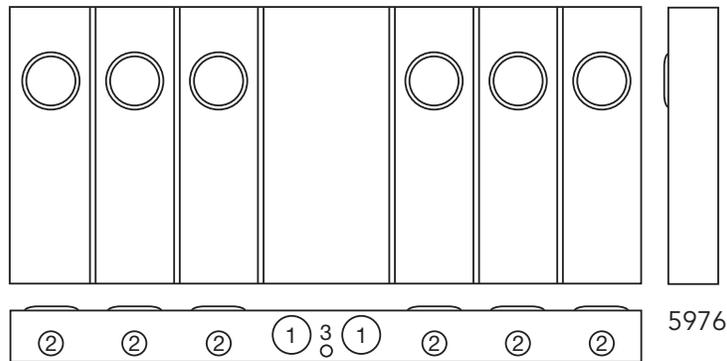
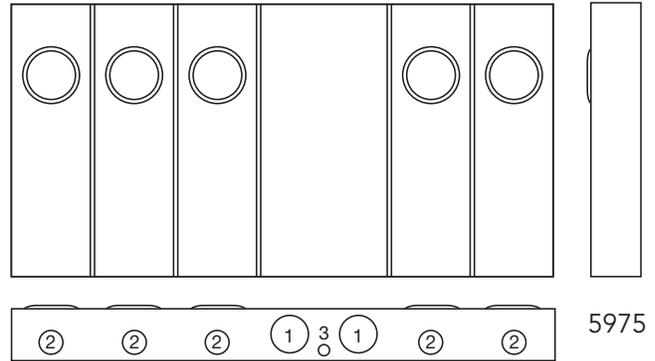
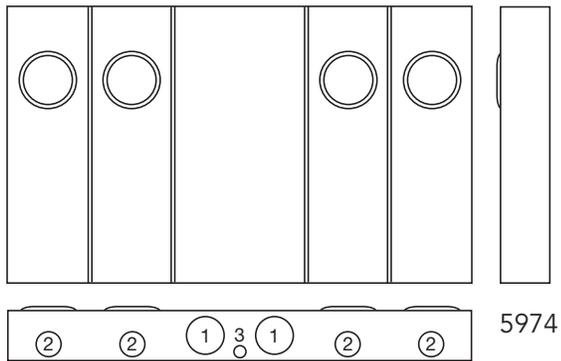
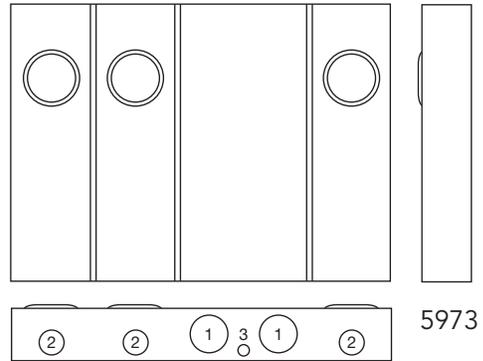
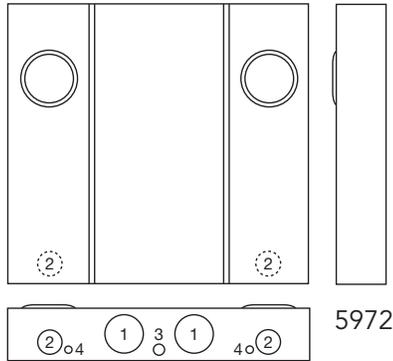


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# Multi-Position Meter Mains

## U5972–U5976 Series | Knockout Information

Knockouts			
1	2	3	4
4	2½	1	½



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403214-TC3R-SP1

## Current Transformer Cabinets | NEMA 3R

Catalog Number	Gauge Steel	Dimensions			Backboard Material
		W"	H"	D"	
U9397-O	14-Gauge	24	36	11	Plywood
U9398-O	14-Gauge	32	40	14	Plywood
403214-TC3R-SP1	14-Gauge	32	40	14	Steel
U4769-O	14-Gauge	32	54	14	Plywood
543214-TC3R-SP1	14-Gauge	54	32	14	Steel

## Notes

- Please consult utility for specific applications.



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# Commercial Pedestals

Attractive | Easy to Install | Secure | Cost-Effective

## Milbank Power Distribution & Controls

**Controls** provide a superior alternative to unsightly and inefficient strut and backboard structures. These Power Distribution & Controls offer an appealing, secure and cost-effective solution for underground remote site power distribution. The weather-resistant cabinets can be tailored to fit any environment, with a range of mounting options at your disposal. Each unit includes a utility pull section, complete with an optional meter socket, and a separate customer section equipped with distribution and control equipment.



Strut and Backboard



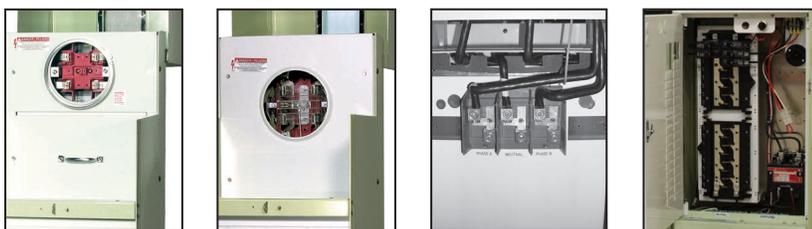
Commercial Pedestal

## UL-listed as Industrial Control Equipment (File E113855)

### Standard Features

- Type 3R rain resistant, vandal-resistant cabinet of polyurethane powder-coated steel (aluminum or stainless steel also available).
- UL-listed as enclosed industrial control equipment (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).

**Note**  
All meter form and bypass options available to meet utility requirements.



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Attractive | Easy to Install | Secure | Cost-Effective



## Applications

These units are ideal for controlling and metering:

- Traffic signals
- Street lighting
- Power distribution for EV charging stations
- 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 panelboards
- 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
- Available for applications up to 400 Amp, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø

## Accessories



**K3865**  
Fifth terminal kit for use with ringless meter sockets



**CP-ABK5/8**  
Anchor bolt kit (includes four 5/8 - 13 x 18" anchor bolts)



**105J**  
Fifth terminal kit for use with ring-type meter sockets



**CP-TC7D**  
7-day time clock kit  
**CP-TC24H**  
24-hour time clock kit  
**CP-TCWIRE**  
Male 4-pin connector and wiring harness for use with time clocks other than above



**CP-PE-HOA-3POS**  
HOA switch for field installation



**CP-16PDMNT-CALT**  
16" pedestal mounting base  
**CP-24PDMNT-CALT**  
24" pedestal mounting base (includes mounting hardware)



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# Commercial Pedestals

Main Load Center Series | Custom Designs Available

## 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.

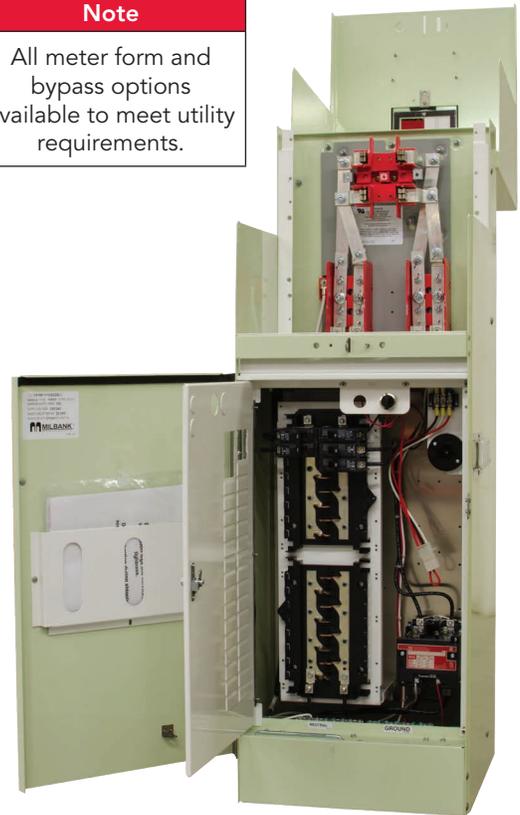
If your application requires turning loads on based on "dusk-to-dawn" requirements, be sure to see the Milbank Switched Load Center Commercial Pedestal products on the following page.

### 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 Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 Amp model) or 14 (100 Amp model) blank breaker spaces and a circuit directory to document configuration.

**Note**  
All meter form and bypass options available to meet utility requirements.



CP3B1115A22

**Typical Applications**  
Remote site service for multiple loads.

Stocked Pedestals*	Optional Fifth Terminal Kit	Main CB		Load Center Circuits	Meter Socket Type
		Amp	Spaces		
CP3B51115A22	K3865	100	1,2	16	Ringless socket with lever bypass
CP3B52119A22	K3865	200	1,2,3,4	24	Ringless socket with lever bypass

### Notes

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

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### CP3B "SL" Series

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

Milbank's 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 Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a 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.

**Note**  
All meter form and bypass options available to meet utility requirements.



**CP3B11110A22SL1**

**Typical Applications**  
Traffic signals, parking lots, highways and athletic field lighting.

Stocked Pedestals	Optional Fifth Terminal Kit	Main CB		Contactor Amperage	Meter Socket Type
		Amp	Spaces		
CP3B51110A22SL1	K3865	100	1,3	60	Ringless socket with lever bypass
CP3B52110A22SL1	K3865	200	1,2,3,4	100	Ringless socket with lever bypass

#### Notes

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



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# Commercial Pedestals

## CP3B "400" 400 Amp Series



**CP3B1411JB22**

**Typical Applications**  
Remote site service for residential and commercial job sites.

**Milbank's 400 Amps Commercial Pedestals** are 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-thru lugs below the service disconnect breakers allows the pedestal to handle numerous applications.
- Typical applications include remote homes where the metering is best located at the curb side or other remote area. The pedestal can also provide power to secondary residence, on-site business, workshop, irrigation, lighting, security or other secondary load.
- Available in custom colors to match home or landscaping.

### Features

These units include everything required for remote service:

- Rated as NEMA 3R enclosure.
- Available with main circuit breaker or dual service disconnects.
- Expandable load center allows for future expansion without costly modifications.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section with lug termination.
- Separate sealable and lockable metering section.
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation.
- Meter socket options include ring-type with bypass studs, ringless with heavy duty lever bypass, or K-Type bolt-on.

Standard Pedestals	Optional fifth Terminal Kit	Main CB	Load Center Circuits	Meter Socket Type
<b>CP3B54120B22</b>	K3865	2-200 Amp	(2) 12 circuit	Ringless with lever bypass
<b>CP3B5411JB22</b>	K3865	320 Amp (400 max)	0	Ringless with lever bypass

### Notes

- Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.
- Stud utility landing is standard. Lug kits are available from factory.
- Units with load centers have two #6-250 sub-feed lugs on each load center. (Each load center is 200 Amp rated and UL-listed with: Siemens, General Electric and Cutler-Hammer plug-in style circuit breakers.)

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# Commercial Pedestals

## CP3B "BBS" Battery Backup Series



CP3B5111TCAWSP1

### Typical Applications

Metered emergency uninterrupted power for traffic intersections, wireless, phone and communications equipment, parking lots, camera and security locations.

**Milbank's BBS Series Commercial Pedestals** are specifically engineered to deliver battery backup power for a variety of loads and to control the activation and deactivation of specific loads under certain conditions. For instance, units can incorporate a photoelectric cell or time clock to manage lighting circuits. BBS Series are available in both metered and non-metered power distribution options. These backup power pedestals are designed to handle the majority of today's backup power needs.

By employing a 19" rack design, the shelves can be adjusted to accommodate the necessary batteries, DC to AC inverters, transfer switches, and other related equipment from various manufacturers. This design provides users with a broad spectrum of design and configuration possibilities. We offer complete turnkey pedestals that are ready for immediate use, as well as basic units ready to accommodate batteries and inverters provided by other sources.

### Features

- All BBS Series Commercial Pedestals are NEMA 3R rated.
- Available in 100 through 320 Amp meter sockets with the option of ring-type (conforms to EUSERC 308), with or without test/bypass blocks. Or, a heavy duty ringless socket with lever bypass.
- Utility termination compartment is separate and sealable.
- An isolated separate customer section with service disconnects, power distribution options and power control
- Customer compartment includes a 19" rack for easy layout of equipment.
- Battery trays are included.
- Temperature monitoring available via thermostat, cooling fan and filtered louvers for heat rise flow.
- All BBS commercial pedestals have a key or padlockable three-point door latch.

### Options

- Manual bypass switch
- Transfer switch for generator power back-up
- Generator inlet receptacles 30A through 200A
- Padlockable provision for receptacles
- Police access door
- Metered load center distribution
- Non metered load center distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches
- Contactors
- GFI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge arrestors and lighting arrestors

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# Commercial Pedestals

## CP3B "Power Transfer" Series



**Milbank's Power Transfer Series Pedestals** provide non metered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle—all in a neat, compact pedestal.

### Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Units are available as metered or unmetered.
- Choice of EUSERC ring-type or ringless meter sockets.
- 60 Amp through 400 Amp ratings.
- UL-listed and NEMA 3R rated.
- Utility compartments are isolated and padlockable.
- Each unit features a 20 Amps GFCI receptacle.
- Recessed generator receptacle doors are lockable.
- Available with utility and generator indicator light options.
- Cabinets are available in galvanized steel, aluminum or stainless steel with stainless steel hardware.
- Custom designs available.



### Typical Applications

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power

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# Commercial Pedestals

*CP3BB "CT Metered" Series*



## Milbank's CT Metered Series

**Commercial Pedestals** are designed to be used where a smaller service package would be a better choice over larger 3R rated combination switchboards. These pedestals have Amperage ratings of 400 to 800 Amps at voltages up through 480V three phase.

## Features

- All units are UL-listed, freestanding, NEMA 3R rated.
- All utility equipment is isolated in separated padlockable and sealable compartments.
- Separate customer compartment designed to hold distribution and control equipment.
- Mounting base is optional.
- Cabinets are available in steel, aluminum and stainless steel with an optional mounting base.
- All pedestals are powder coated with a variety of custom or stock color options.

## Typical Applications

Large homes, pumping and lift stations, motor control, water treatment plants, EV charging stations, commercial buildings, large remote service requirements, commercial and industrial control systems.



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## CP3A "Slimline" Series



Milbank's Slimline Series Commercial Pedestals provide a sleeker, smaller footprint and wireway access on the side of the unit rather than the back, allowing maximum flexibility to place the pedestal in tighter spaces.

### Features

- UL-listed as service equipment.
- Available in 100 or 200 Amps.
- Pedestals are secure and vandal-resistant.
- Customer compartment houses distribution and control equipment behind swing deadfront door, secured with a hasp/latch, plus a draw latch outer door.
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism.
- Wireway located on left side of pedestal for utility incoming wire, allowing pedestal to be mounted with back very close to a wall (14").
- Available in 12" and 20" widths and 50" and 63" (metered) and 43" (nonmetered) heights.
- Includes a print pocket for plans and drawings.
- Voltage range is 120V to 480V.
- Compatible with both ringless and ring-type meter sockets, 4–7 terminals.
- Available in a wide array of colors, including but not limited to all ANSI powder coated paint colors upon request.
- Pedestal mounting base option saves time and labor to install on a cement pad—no anchor bolts required.
- Available in powder coated G90 galvanized steel, raw, anodized or powder coated aluminum and stainless steel exterior options.

### Typical Applications

Roadway lighting and signage, wastewater treatment facilities, parks and landscaping, and any application where physical space is at a premium



### "Slimline" Series Direct Bury Extension

- No need for concrete
- Bolts directly to unit
- Easy, modular design
- Ships in a smaller package
- Increases project flexibility
- Easier to handle and install
- Utilizes a stabilizer foot to prevent leaning over time
- Pedestal and extension can be installed within 30 minutes

### Notes

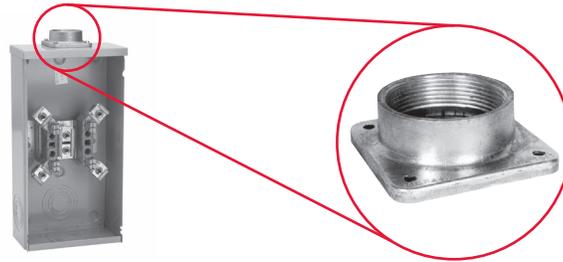
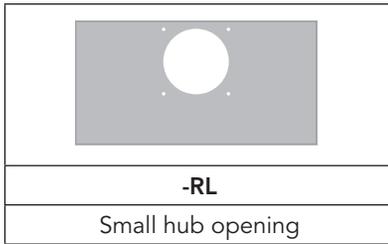
- Currently only built in 14 gauge steel
- Only available for 12" pedestals

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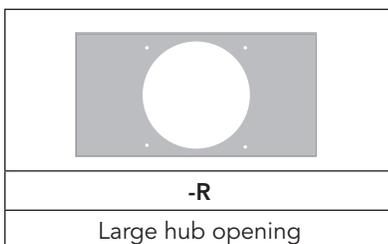


# Accessories

## Hubs and Closing Plates



<b>-WL</b>   <b>A7514</b>	<b>-YL</b>   <b>A7515</b>	<b>-ZL</b>   <b>A7516</b>	<b>-DL</b>   <b>A7517</b>	<b>-EL</b>   <b>A7518</b>	<b>-XL</b>   <b>A7551</b>
1" hub	1¼" hub	1½" hub	2" hub	2½" hub	Small closing plate



<b>-F</b>   <b>A8110</b>	<b>-G</b>   <b>A8111</b>	<b>-H</b>   <b>A8112</b>	<b>-X</b>   <b>A9064</b>	<b>-RRL</b>   <b>S8324</b>
3" hub	3½" hub	4" hub	Large closing plate	Large hub opening adapted to small hub opening

### 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).



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## Connector Kits, Closing Kits and Generator Interlock

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

					
Single			Twin		
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	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

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

### Bypass Link



**K8180** (sold in pairs)

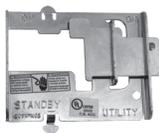
### Note

Consult factory for proper connector kits for studded meter sockets.

### Closing Covers

	
Meter Closing Plate (Ring-type / Ringless)	Metal Closing Plate (For Ringless Sockets)
6003 - Gray Plastic	CP-21
6116 - Clear Plastic	

### Generator Interlock


K5815 - large QN with small frame Q
K5820 - large frame QN with large frame QN
K5830 - small frame Q to small frame Q

### Disconnect Sleeve


M5-144
Do not use with lever bypass sockets

### Anti-Inversion Clip


K4802

### Isolated Neutral Kit


K1047

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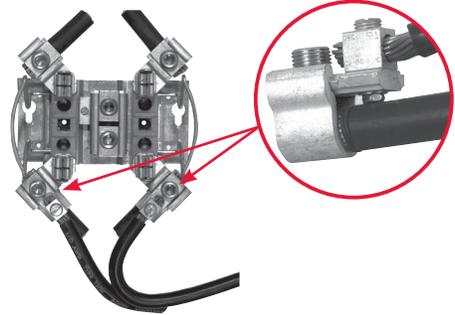


## Fifth Terminals, Tap Connectors and Block Assemblies

### Fifth Terminals

		
<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)

### Tap Connectors (3 per set)

	<p>Replaces the load or line side slide-in nut assembly on Milbank 200 Amps 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 300V. Three lugs per kit.</p>
<b>K4977-INT</b> - Internal Hex	
<b>K4977-EXT</b> - External Hex	
<b>K5022-INT</b> - Internal Hex (set of 4 with barrier)	

### Triplex Ground


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

### 100 Amps Blocks *(single sockets only)*


<b>BL7474</b> - Block Assembly
<b>BL7499</b> - Horn Bypass Block Assembly
<b>Z904486-AO</b> - Slotted Nut Assembly
<b>Z90327486-AO</b> - Horn Bypass Nut Assembly
<b>Z802965-AC</b> - Neutral without Nut
<b>Z901925-AC</b> - Hex Nut Set Screw

### 200 Amps Blocks *(single sockets only)*

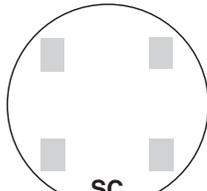

<b>K4527</b> - Internal Hex Block Assembly (with meter support)
<b>K4528</b> - External Hex Block Assembly (with meter support)
<b>K4529</b> - Internal Hex Horn Bypass Block Assembly (with meter support)
<b>K4530</b> - External Hex Horn Bypass Block Assembly (with meter support)
<b>Z916265-AO</b> - Internal Nut Assembly
<b>Z916264-AO</b> - External Nut Assembly
<b>Z814898-AC</b> - Neutral without Nut



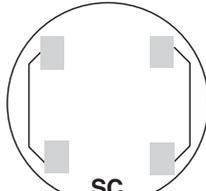
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# Watt-hour Meter Forms

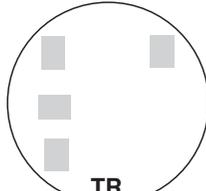
## Standard Forms | Transformer Rated or Self-Contained



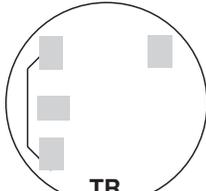
**SC**  
2 and 3-WIRE FORMS  
1S & 2S



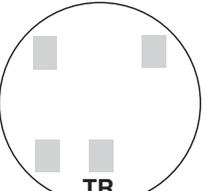
**SC**  
2 and 3-WIRE FORMS  
1S & 2S with BYPASS



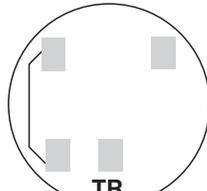
**TR**  
2-WIRE FORM 3S  
5th Term. 9 o'clock



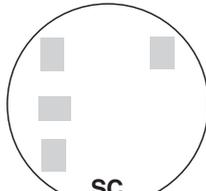
**TR**  
2-WIRE FORM 3S  
with BYPASS



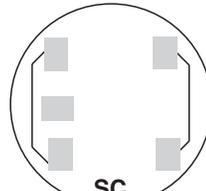
**TR**  
2-WIRE FORM 3S  
5th Term. 6 o'clock



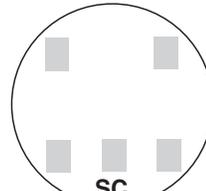
**TR**  
2-WIRE FORM 3S  
with BYPASS



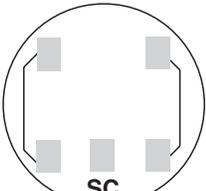
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 9 o'clock



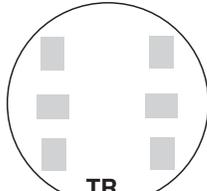
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 9 o'clock



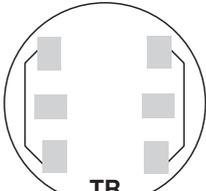
**SC**  
2 ELEMENT  
3-WIRE NETWORK  
FORM 12S 5th  
TERM. 6 o'clock



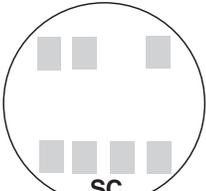
**SC**  
2 ELEMENT 3-WIRE  
NETWORK FORM 12S  
with BYPASS  
5th Term. 6 o'clock



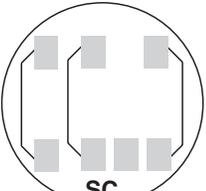
**TR**  
3-WIRE FORM 4S



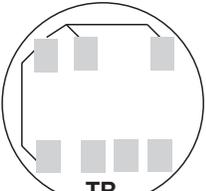
**TR**  
3-WIRE FORM 4S  
WITH BYPASS



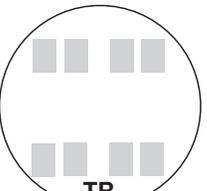
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 14S  
Δ FORM 15S



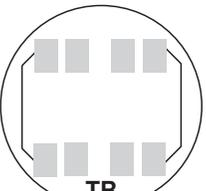
**SC**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
FORMS 14S & 15S  
with BYPASS



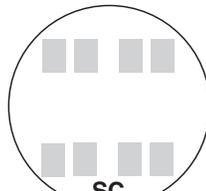
**TR**  
2 ELEMENT  
3Ø4W Y or Δ  
Y FORM 7S  
Δ FORM 24S  
with BYPASS



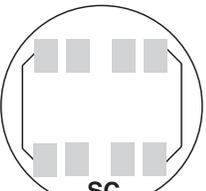
**TR**  
2 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 5S



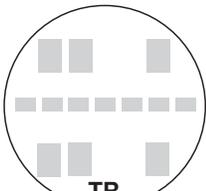
**TR**  
2 ELEMENT 2Ø3W,  
2Ø4W, 3Ø3W  
FORM 5S with  
BYPASS



**SC**  
2 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 13S

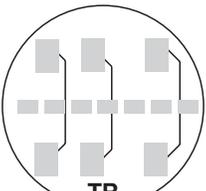


**SC**  
2 or 3 ELEMENT  
2Ø3W, 2Ø4W, 3Ø3W  
FORM 13S with  
BYPASS

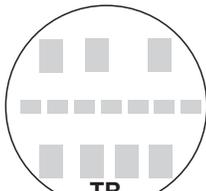


**TR**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
Y FORM 9S  
Δ FORM 8S

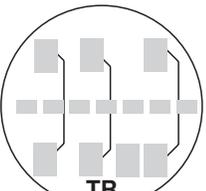
TR = TRANSFORMER RATED  
SC = SELF CONTAINED



**TR**  
2 or 3 ELEMENT  
3Ø4W Y or Δ  
FORMS 8S & 9S  
with BYPASS



**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S



**TR**  
2 ELEMENT  
3Ø4W Y  
FORM 6S  
with BYPASS

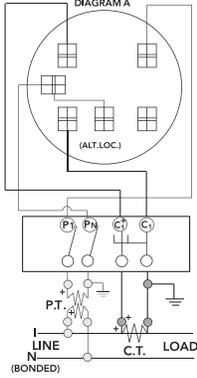
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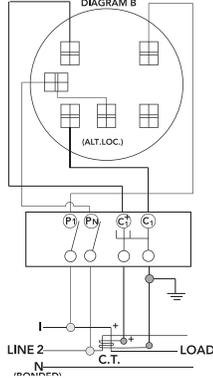
# Meter Forms

## Reference Information

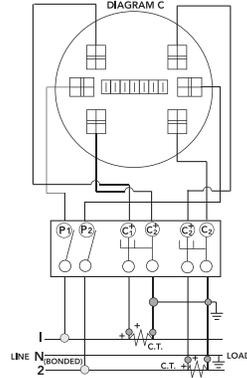
**DIAGRAM A**  
 1Ø2W with 1 P.T. and 1 C.T.  
 Single Stator Meter (2W1Ø) - Form 3S  
 5T Socket, Test Switch #TS04-0101



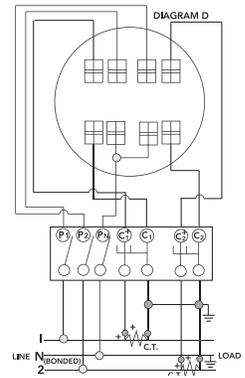
**DIAGRAM B**  
 1Ø3W with 1 C.T.  
 Single Stator Meter (2W1Ø) - Form 3S  
 5T Socket, Test Switch #TS04-0101



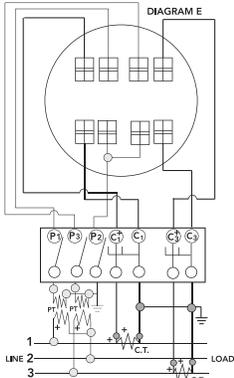
**DIAGRAM C**  
 1Ø3W with 2 C.T.'s  
 Single Stator Meter (3W1Ø) - Form 4S  
 6T Socket, Test Switch #TS07-0105



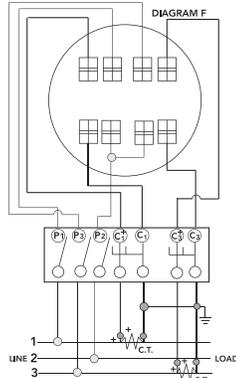
**DIAGRAM D**  
 1Ø3W or 3W Network with 2 C.T.'s  
 2 Stator Meter - Form 5S  
 8T Socket, Test Switch #TS07-0105



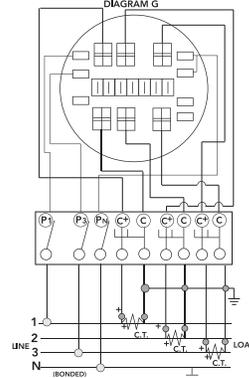
**DIAGRAM E**  
 3Ø3W "A" with 2 P.T.'s and 2 C.T.'s  
 2 Stator Meter - Form 5S  
 8T Socket, Test Switch #TS07-0105



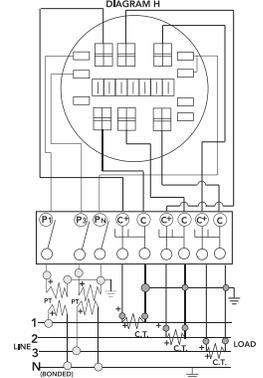
**DIAGRAM F**  
 3Ø3W "A" with 2 C.T.'s  
 2 Stator Meter - Form 5S  
 8T Socket, Test Switch #TS07-0105



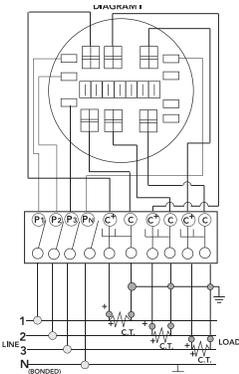
**DIAGRAM G**  
 3Ø4W "Y" with 3 C.T.'s  
 2 1/2 Stator Meter - Form 6S  
 13T Socket, Test Switch #TS10-0109



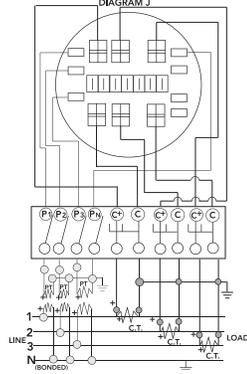
**DIAGRAM H**  
 3Ø3W "Y" with 2 P.T.'s and 3 C.T.'s  
 2 1/2 Stator Meter - Form 6S  
 13T Socket, Test Switch #TS10-0109



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



**DIAGRAM J**  
 3Ø4W "Y" with 3 P.T.'s and 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.



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# Energization of Electrical Equipment **7**

## 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

- A. Give equipment a thorough visual examination to determine that:
  - 1) No shipping or installation damage exists.
  - 2) Proper clearances have been maintained.
  - 3) All connections have been made.
  - 4) Equipment is clean and dry.
- B. Make a thorough examination to:
  - 1) Verify tightness of all bolted connections (see table below).
  - 2) Manually operate all circuit breakers, switches, relays, etc.
  - 3) Check rigidity of all mountings, bus bars and components.
  - 4) Use test equipment to check continuity of circuitry and integrity of insulation.
- C. All switches and circuit breakers should be in the "off" position.
- D. Verify that manual meter bypass (if applicable) is in non-bypass position.
- E. Install cover and/or close doors.
- F. 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

- A. 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

- A. 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 Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
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

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## Materials

### Steel Quality

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

### Steel Sheet

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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

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Wire-Terminals: Alloy; 6061-T6, Tin-plated for CU/AL wire.  
Bus Bar: Alloy; 6101-O and 6063-O

### Aluminum Sheet

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

### Copper Sheet and Bus

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Electrolytic copper with tin plating in most applications.

### Insulating Materials

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- 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

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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 Fasteners

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Zinc-coated with a chromate dip.

## Ratings and Compliance

### Ratings and Compliance

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All Milbank electrical enclosures in this catalog are rated "NEMA 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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## Symbols

5T8K2 .....	35	U1256-X.....	18	U7040-RL-TG.....	8
6003.....	34	U1797-O-K3L-K2L .....	11	U8212-RL.....	17
6116.....	34	U1980-O .....	8	U8213-RL.....	17
403214-TC3R-SP1 .....	23	U2120-X.....	13	U8214-RL.....	17
543214-TC3R-SP1 .....	23	U2594-X.....	13	U8215-RL.....	17
<b>B</b>		U3802 .....	4	U8216-RL.....	17
BL7474 .....	35	U3812 .....	4	U8435-RL-TG.....	7
BL7499 .....	35	U3822-20GWR.....	5	U9397-O.....	23
<b>C</b>		U3832 .....	4	U9398-O.....	23
CP-21.....	34	U3862 .....	4	<b>Z</b>	
<b>K</b>		U4184-X.....	10	Z802965-AC .....	35
K5T .....	35	U4257-X.....	11	Z814898-AC .....	35
K1047 .....	34	U4413-O .....	8	Z901925-AC .....	35
K1539 .....	34	U4487-X-2/K6.....	13	Z904486-AO.....	35
K1540 .....	34	U4505-X.....	12	Z916264-AO.....	35
K1540L .....	34	U4581-RL-QG .....	9	Z916265-AO.....	35
K3082 .....	34	U4701-RL-QG .....	10	Z90327486-AO.....	35
K3441 .....	34	U4702-X.....	11		
K3865 .....	35	U4769-O .....	23		
K3866 .....	35	U4881-O-50GB.....	6		
K4527 .....	35	U4881-O-60GB.....	6		
K4528 .....	35	U5168-XTL-200.....	14		
K4529 .....	35	U5268-XTL-200.....	14		
K4530 .....	35	U5867-X.....	9		
K4802 .....	34	U5882-X.....	19		
K4977-EXT.....	35	U5883-X.....	19		
K4977-INT .....	35	U5884-X.....	19		
K5022-INT .....	35	U5885-X.....	19		
K5815 .....	34	U5886-X.....	19		
K5820 .....	34	U5898-O-200* .....	14		
K5830 .....	34	U5902-X.....	19		
K8180 .....	34	U5903-X.....	19		
<b>M</b>		U5904-X.....	19		
M5-144 .....	34	U5905-X.....	19		
<b>U</b>		U5906-X.....	19		
U1252-REL-K1 .....	18	U5972-XT.....	21		
U1253-X.....	18	U5973-XT.....	21		
U1254-X.....	18	U5974-XT.....	21		
U1255-X.....	18	U5975-XT.....	21		
		U5976-XT.....	21		
		U6047-O-K3L-K2L .....	11		
		U6088-O-2/200 .....	16		
		U6515-X-2/200-K7L.....	16		
		U6605-X-2/200-MLK-ENT .....	16		
		U7021-DL-TG .....	8		
		U7021-RL-TG.....	8		

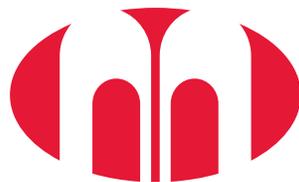
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