

MILBANK®
ENERGY AT WORK

REC MUNICIPAL

Meter Mounting Equipment



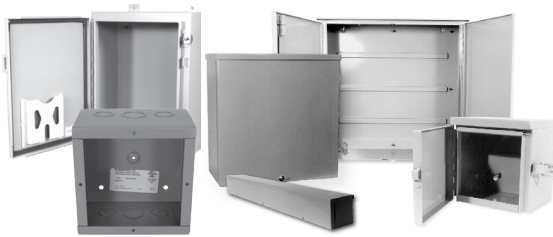
Milbank Manufacturing is the premier manufacturer of metering equipment, enclosures, and enclosed controls in the United States.

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 enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



Metering

Milbank has been a market leader in electrical metering equipment, setting the standard in quality, for 95 years and counting. Hundreds of configurations are available, including many sizes, knockout configurations, terminals configurations, bypass options, hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.



Enclosures

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



Enclosed Controls

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our enclosed controls are custom control equipment that's built to your exact specifications by our engineers. Milbank enclosed controls are an attractive, secure, easy-to-install and cost-effective solution. These units can replace unsightly and insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



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

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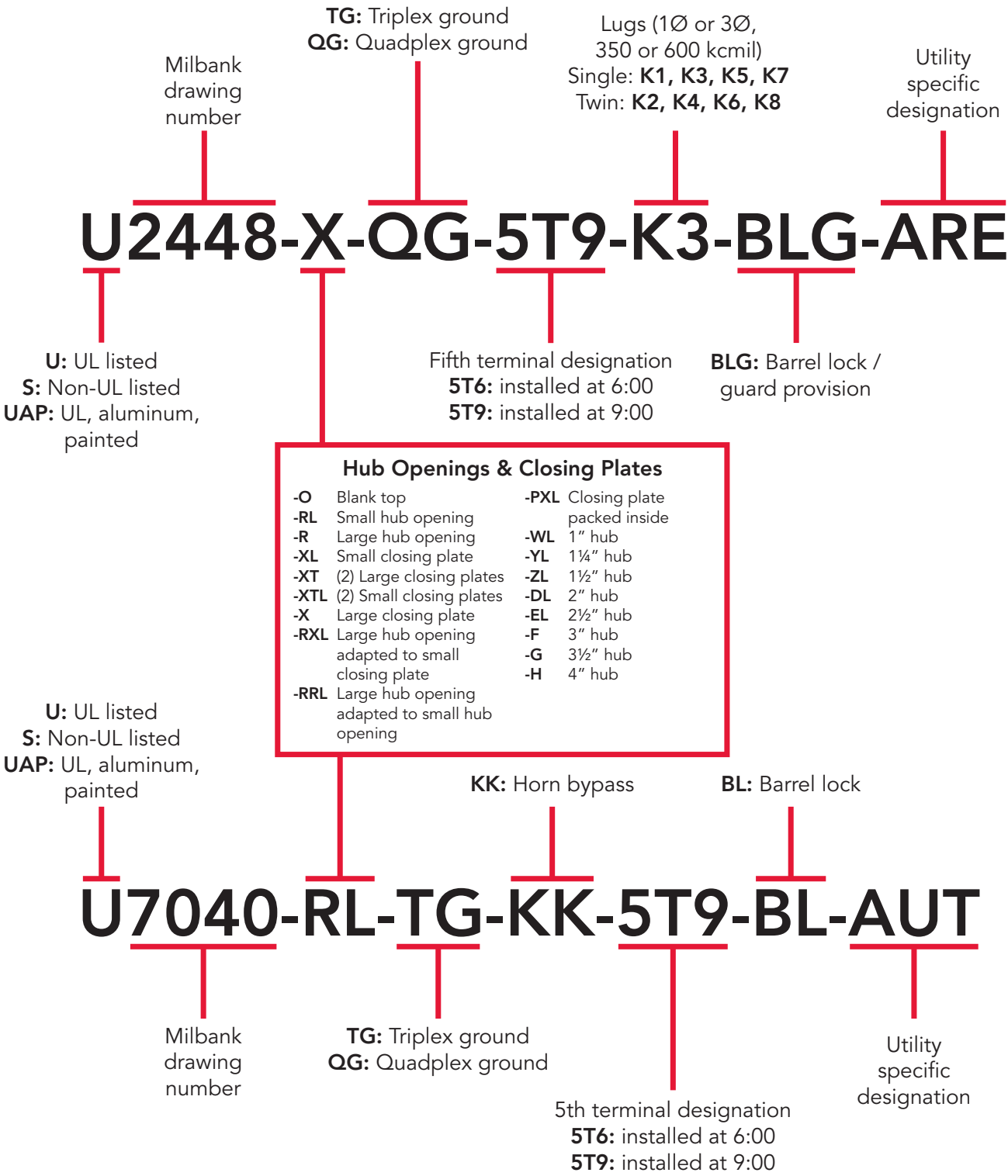
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Catalog Number Logic

How Our Product Catalog Numbers Are Derived



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Air Conditioner Disconnects

30-60 Amps | Fusible and Non-Fusible



U3802



U3812



U3832

Milbank's air conditioner disconnect has a removable hinged cover that makes wiring a breeze. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90 galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

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

Catalog Number	Amps	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	2⅞	5	7	60°/75°	60°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2⅞	5	9	60°/75°	60°/75°

Notes

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



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Air Conditioner Disconnects

60 Amps | With 20 Amps GFCI Receptacle



U3822-20GWR

Specifications

- Meets NEC #406.8 requirements
- Meets NEC #210.63 requirements
- UL-listed as Power Outlet
- NEMA 3R
- In-use cover*
- Duplex ground connector
- One-inch concentric knockouts
- 1Ø, 240V
- 60 Amps, non-fused
- 20 Amps GFCI receptacle
- Reset/test button
- Weather-resistant

60 Amps | Air Conditioner Disconnect with 20 Amps GFCI Receptacle | 1Ø, 240V

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	4 $\frac{1}{2}$	5 $\frac{1}{4}$	7 $\frac{3}{5}$	60°/75°	60°/75°

Notes

- Disconnect Pullers: To ensure the safest conditions, Milbank disconnect pullers are reversible so they may be reinstalled in the OFF position.
- Padlock Provision: All units are designed with a padlock provision on the cover for security.

*Rated as an in-use cover (cover may be closed with cords plugged into receptacle).

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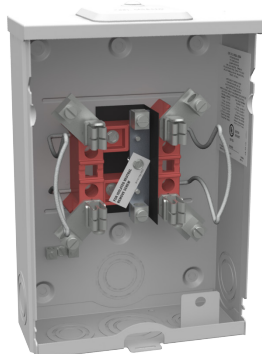
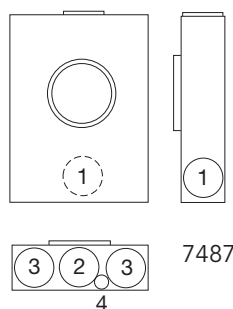


Single Position Sockets

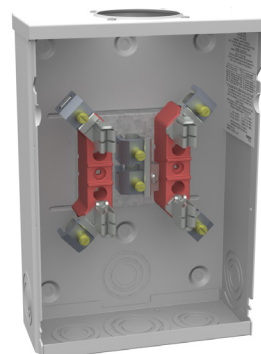
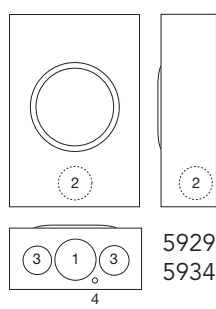
100-125 Amps | 4 Terminals | Ringless and Ring Type



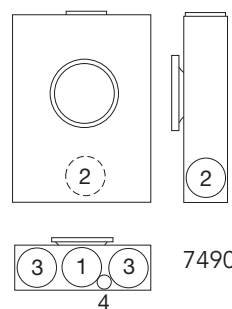
U7487-RL-TG



U5934-XL-BLG



U7490-RL-TG



100-125 Amps | 4 Terminals | Ringless

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7487-RL-TG	125	OH/UG	H.O.	#6-2/0	#6-2/0	None	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U7487-RL-TG-KK	125	OH/UG	H.O.	#6-2/0	#6-2/0	Horn	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U5934-XL-BLG	100	OH/UG	C.P.	#12-1/0	#12-1/0	None	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄

100-125 Amps | 4 Terminals | Ring Type

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
				Line	Load		D"	W"	H"	1	2	3	4
U7490-RL-TG	125	OH/UG	H.O.	#6-2/0	#6-2/0	None	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄
U5929-XL	100	OH/UG	C.P.	#12-1/0	#12-1/0	None	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄

Notes

- **Fifth Terminal:** For field-installable fifth terminal that fits into round opening at the 9 o'clock position for the **U7487** and **U7490**, order catalog number **5T8K2**.
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Sealing Rings:** Ring type units supplied with an **MR-2** snap action sealing ring as standard.
- **Isolated Neutral:** **U5929** and **U5934** include isolated neutral option.

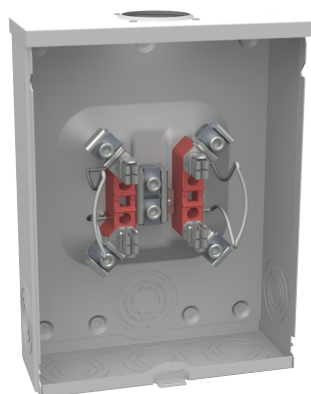


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Single Position Sockets

200 Amps | 4 Terminals | Ringless

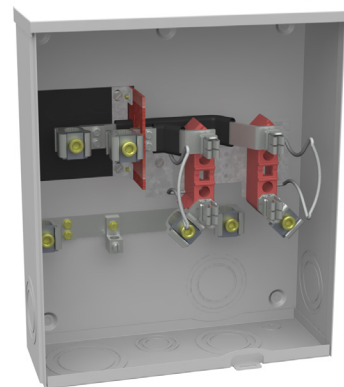
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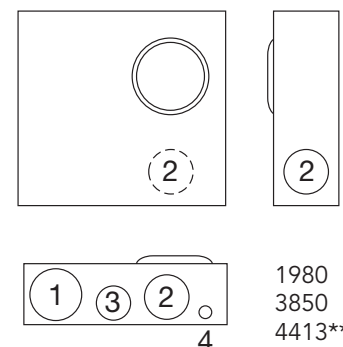
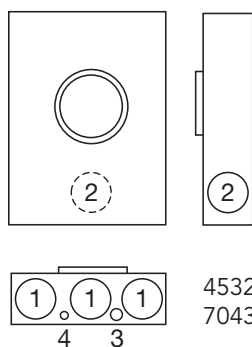
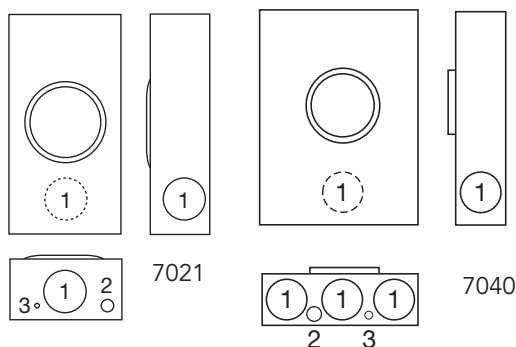
U7040-RL-TG



U4532-XL



U1980-O



200 Amps | 4 Terminals | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7021-RL-TG	OH	H.O.	#6-350	#6-350	None*	4 1/8	8	15 1/2	2 1/2	1/4, 1/2	1/4	—
U7040-RL-TG	OH/UG	H.O.	#6-350	#6-350	None*	4 1/8	11	14 1/2	2 1/2	1/4, 1/2	1/4	—
U7043-XL-TG	OH/UG	C.P.	#6-350	#6-350	None*	4 7/8	13	15 1/2	3	2 1/2	1/4, 1/2	1/4
U4532-XL	OH/UG	C.P.	#6-350	Dual #6-350	None	4 7/8	15	20 1/2	3	2 1/2	1/4, 1/2	1/4
U3850-O-TG	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
U1980-O	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†	UG	Blank	#6-350	#6-350	None*	4 1/2	13	15 1/4	2 1/2	1/4, 1/2	1/4	—

Notes

- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **K5T**. Fits into square opening at the 9 o'clock position.
 - **Connectors:** Extruded aluminum connectors are tin-plated. Units are supplied with triplex ground.
 - ***Horn type bypass is available.** Add suffix **-KK**.
- †Design for **U4413** is mirror image of **U1980** with left meter position.

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Single Position Sockets

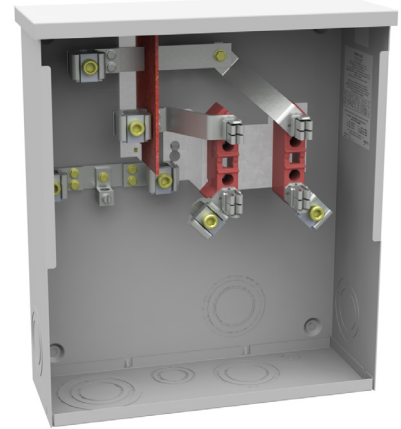
200 Amps | 4 Terminals | Ring Type



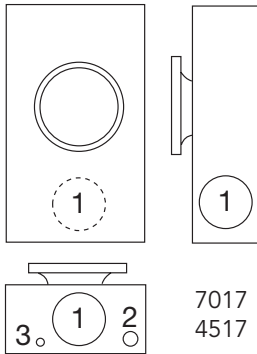
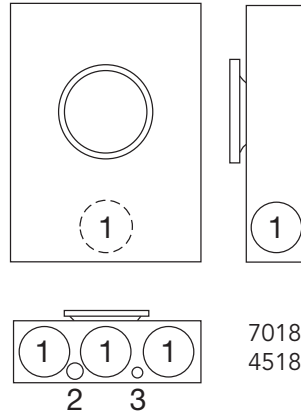
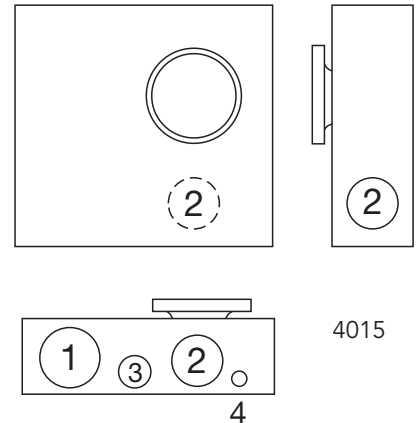
U7017-RL-TG



U7018-XL-TG



U4015-O

7017
45177018
4518

4015

200 Amps | 4 Terminals | Ring Type

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U7017-RL-TG	OH	H.O.	#6-350	#6-350	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U7018-XL-TG	OH/UG	C.P.	#6-350	#6-350	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U4517-DL-M4	OH	2"	#6-350	#6-350	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$	—
U4518-O-W	UG	Blank	#6-350	#6-350	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	2	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U4015-O	UG	Blank	#6-350	#6-350	6	14	16 $\frac{1}{4}$	3	2 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$

Notes

- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **K5T**. Fits into square opening at the 9 o'clock position.
- **Hubs:** For the proper hub selection, see the hub suffix chart on the accessories page.
- **Triplex Ground (-TG):** Factory-installed.
- **Sealing Rings:** Ring type units are supplied with **MR-2** snap action sealing rings as standard.



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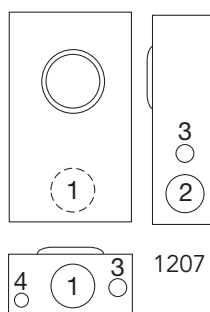
Single Position Lever Bypass

200 Amps | 4-7 Terminals | Ringless

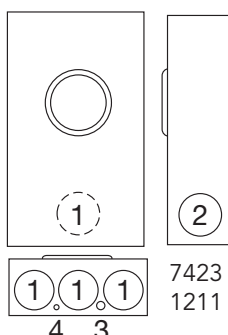
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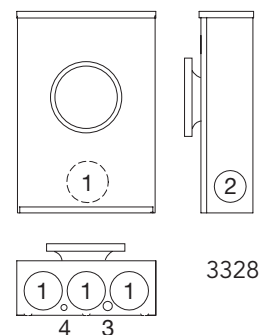
U1207-RL



U7423-RXL



U3328-RXL



200 Amps | 4 Terminals | Medium Duty Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U1207-RL	OH	H.O.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	10	18 $\frac{1}{2}$	3	2 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{4}, \frac{1}{2}$
U1211-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

200 Amps | 7 Terminals | Medium Duty Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U7423-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 $\frac{1}{2}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

200 Amps | 7 Terminals | No Bypass | Ring Type

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U3328-RXL	OH/UG	C.P.	#6-350	#6-350	None	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

Notes

- **Fifth Terminal:** For field-installable Fifth terminal, order as extra **K3866** for the **U1207** or **U1211**.
- **Connectors:** Units are supplied with extruded aluminum connectors.
- **Bypass:** Lever operates bypass device only; does not provide clamping action on meter spades.

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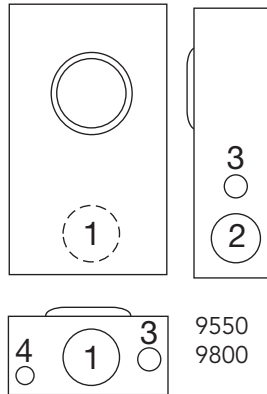


Single Position Lever Bypass

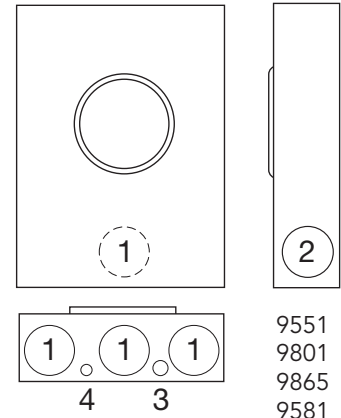
200 Amps | 4-5 Terminals | Ringless



U9800-RRL



U9551-RXL



200 Amps | 4 Terminals | Lever Bypass | Ringless | 1Ø3W or 3Ø3W

Catalog Number	Service	Hub	Phase	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U9800-RRL	OH	H.O.	1Ø3W or 3Ø3W	#6-350	#6-350	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U9801-RXL	OH/UG	C.P.		#6-350	#6-350	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄
U9865-RRL	OH/UG	H.O.	1Ø3W	³ / ₈ x 16 Studs	³ / ₈ x 16 Studs	4 ⁷ / ₈	13	28 ¹ / ₄	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄

200 Amps | 5 Terminals | Lever Bypass | Ringless | 1Ø3W or 3Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9550-RRL	OH	H.O.	#6-350	#6-350	Lever	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U9551-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄

200 Amps | 5 Terminals | Center Disconnect | Ringless | 1Ø3W or 3Ø3W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9581-RXL-QG	OH/UG	C.P.	#6-350	#6-350	Lever	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄

Notes

- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **K3866**. May be installed in 6 o'clock or 9 o'clock position.
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin-plated. **U9550**, **U9551**, **U9800** and **U9801** units include removable bonding strap for isolated neutral.
- **Bypass:** Lever supplies clamping action and also operates bypass device.
- **Center Disconnect:** Contains manual center disconnect for **U9581**.



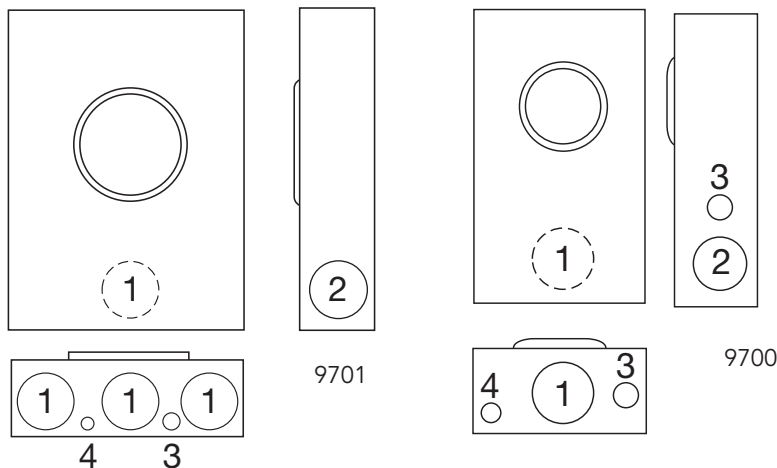
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Single Position Heavy Duty Lever Bypass 1 3

200 Amps | 7 Terminals | Ringless



U9701-RXL



200 Amps | 7 Terminals | Lever Bypass | Ringless | 3Ø4W

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
			Line	Load		D"	W"	H"	1	2	3	4
U9700-RRL	OH	H.O.	#6-350	#6-350	Lever	4 ⁷ / ₈	10	18 ¹ / ₂	3	2 ¹ / ₂	³ / ₄	¹ / ₄ , ¹ / ₂
U9701-RXL	OH/UG	C.P.	#6-350	#6-350	Lever	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	¹ / ₄ , ¹ / ₂	¹ / ₄

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- **Bypass:** Lever supplies clamping action and also operates bypass device.

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

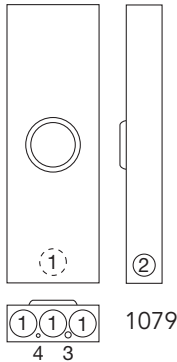


Single Position Lever Bypass

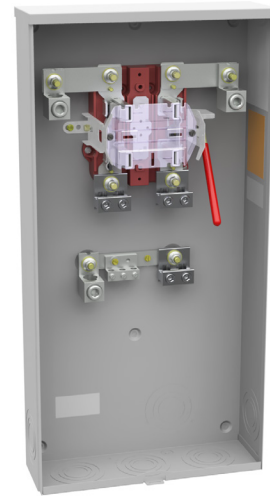
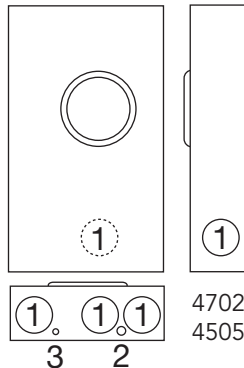
320 Amps | 4-5 Terminals | Lever Bypass | Ringless



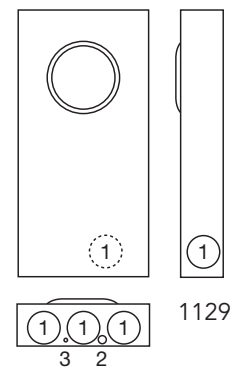
U1079-R



U4505-X



U1129-O-K3L-K2L



320 Amps | 4-5 Terminals | Lever Bypass | Ringless

Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U1079-R	4	OH	H.O.	3/8" x 16 Studs	3/8" x 16 Studs	4 7/8	13	38 3/4	3	2 1/2	1/4, 1/2	1/4
U1779-RRL-K3-K2	4	OH	H.O.	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 7/8	13	38 3/4	3	2 1/2	1/4, 1/2	1/4
U4702-X	4	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	4 7/8	15	28 1/4	3	1/4, 1/2	1/4	—
U1129-O-K3L-K2L	4	UG	Blank	(1) #4-600 or (2) 1/0-250	(2) #6-350	4 7/8	15	30	3	1/4, 1/2	1/4	—
U4505-X	5	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	4 7/8	15	28 1/4	3	1/4, 1/2	1/4	—

Notes

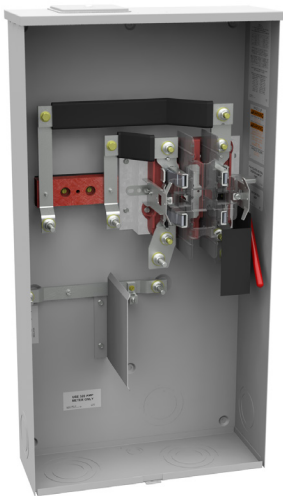
- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **K3866** for **U1079** and **K3865** for **U1129** and **U4702**. May be installed in 6 o'clock or 9 o'clock position.
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.



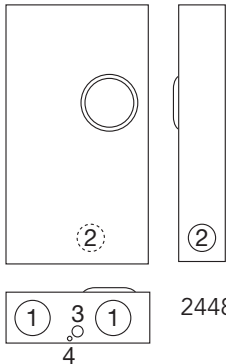
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Single Position Lever Bypass

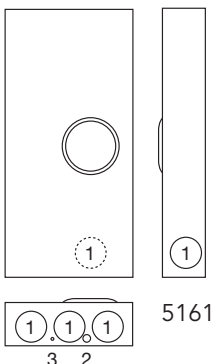
320 Amps | 4 Terminals | Lever Bypass | Side Wireway | Ringless



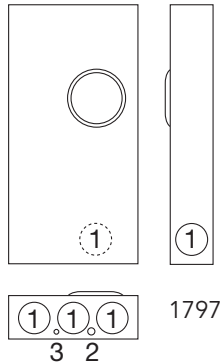
U2448-X



U5161-X



U1797-O-K3L-K2L



320 Amps | 4 Terminals | Lever Bypass | Side Wireway | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U5161-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	4 7/8	15	31 1/2	3	1/4, 1/2	1/4	—
U2448-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	6 1/2	17 3/4	34 1/8	4	3	1	1/4
U1797-O-K3L-K2L	UG	Blank	(1) #4-600 or (2) 1/0-250	Twin #6-350	4 7/8	15	30	3	1/4, 1/2	1/4	—

Notes

- **Fifth Terminal:** For field-installable fifth terminal for **U2448**, **U1797** and **U5161**, order catalog number **K3865**. May be installed in 6 o'clock or 9 o'clock position.
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.

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

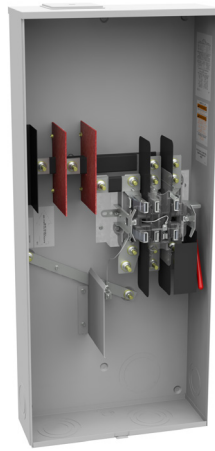
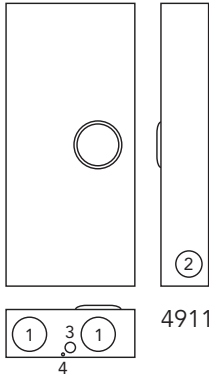


1 6 Single Position Heavy Duty Lever Bypass

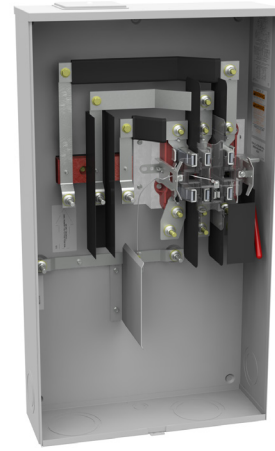
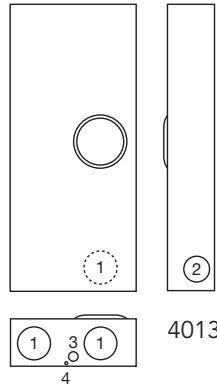
320 Amps | 7 Terminals | Lever Bypass | Side Wireway | Ringless



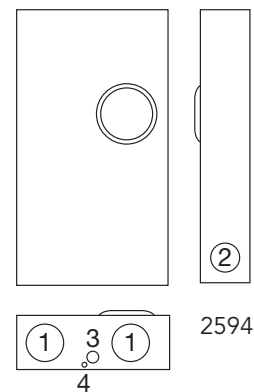
U4911-X-BL



U4013-X



U2594-X



320 Amps | 7 Terminals | Lever Bypass | Side Wireway | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U4911-X-BL	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	6 1/2	17 3/4	38 3/4	4	3	1	1/4
U4013-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	6 1/2	17 3/4	40 1/2	4	3	1	1/4
U2594-X	OH/UG	C.P.	3/8" x 16 Studs	3/8" x 16 Studs	6 1/2	19	34 1/8	4	3	1	1/4

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Connectors:** Socket is supplied with 3/8" - 16 hex head nuts with Belleville washers. For connector lug kits, order as extra from chart on page 76. Separate lug kits are required for line and load.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **-BL:** Barrel lock



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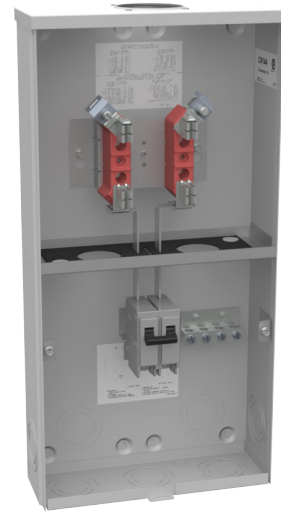
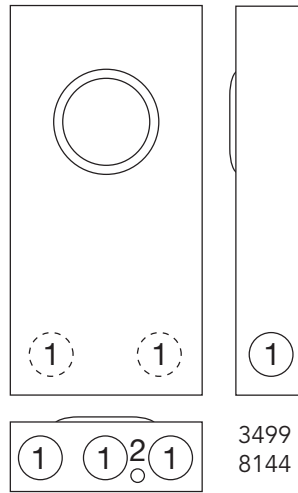
Meter Mains

17

100 Amps | 4 Terminals | Ringless and Ring Type



U3499-XL-100



U8144-YL-100

100 Amps | 4 Terminals | 1Ø3W | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U3499-XL-100	OH/UG	C.P.	#6-2/0	CB - 100A	None	3¾	11	22	2	¼, ½

100 Amps | 4 Terminals | 1Ø3W | Ring-Type

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U8144-YL-100	OH/UG	1¼	#6-2/0	CB - 100A	None	3¾	11	22	2	¼, ½
U8144-XL	OH/UG	C.P.	#6-2/0	CB - 100A	None	3¾	11	22	2	¼, ½

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Fifth Terminal:** For field-installable Fifth terminal for 9 o'clock position only, order catalog number **5T8K2**.
- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Circuit Breakers:** The **U3499-XL-100** has a factory-installed two-pole 100 Amps breaker.

Plug-In Breaker Compatibility Chart

Amps	Cutler-Hammer	Siemens	GE	Square D
0-100	Quicklag P BR	QP	Q Line	Homeline

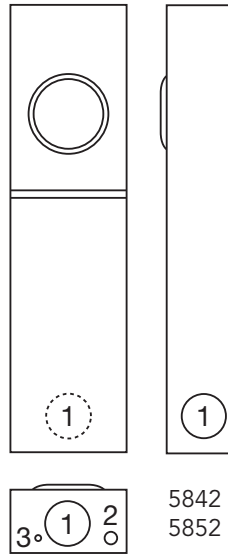
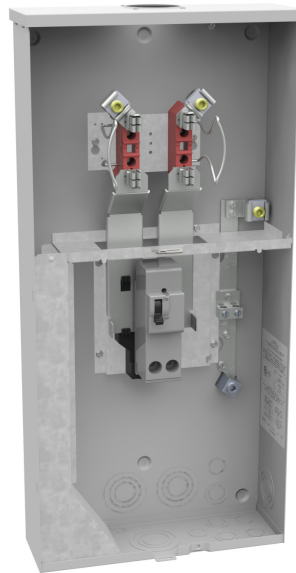
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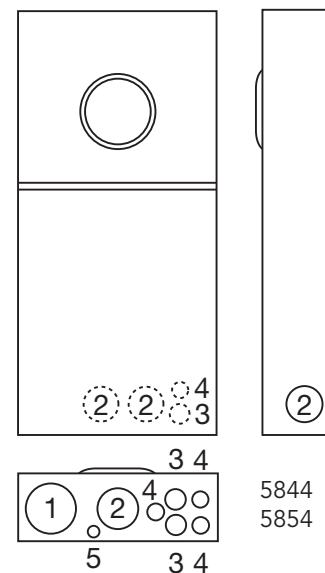
100-200 Amps | 4 Terminals | Ringless and Ring Type



U5842-RL-KK

5842
5852

U5844-PXL-200

5844
5854

100-200 Amps | 4 Terminals | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
			Line	Load		D"	W"	H"	1	2	3	4	5
U5842-RL-KK*	OH	H.O.	#6-350	—	Horn	4 $\frac{1}{8}$	8	30	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5842-RL-100*	OH	H.O.	#6-350	CB - 100A	None	4 $\frac{1}{8}$	8	30	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5842-RL-200*	OH	H.O.	#6-350	CB - 200A	None	4 $\frac{1}{8}$	8	30	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5844-RL*	OH/UG	H.O.	#6-350	—	None	4 $\frac{1}{2}$	14	30	3	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$, 3 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$
U5844-PXL-100*	OH/UG	C.P.	#6-350	CB - 100A	None	4 $\frac{1}{2}$	14	30	3	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$, 3 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$
U5844-PXL-200*	OH/UG	C.P.	#6-350	CB - 200A	None	4 $\frac{1}{2}$	14	30	3	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$, 3 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$

100-200 Amps | 4 Terminals | Ring Type

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
			Line	Load		D"	W"	H"	1	2	3	4	5
U5852-RL	OH	H.O.	#6-350	—	None	4 $\frac{1}{8}$	8	30	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5852-RL-200	OH	H.O.	#6-350	CB - 200A	None	4 $\frac{1}{8}$	8	30	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$	—	—
U5854-RL	OH/UG	H.O.	#6-350	—	None	4 $\frac{1}{2}$	14 $\frac{1}{8}$	30	3	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$, 3 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$
U5854-PXL-200	OH/UG	C.P.	#6-350	CB - 200A	None	4 $\frac{1}{2}$	14 $\frac{1}{8}$	30	3	2 $\frac{1}{2}$	1	1 $\frac{1}{2}$, 3 $\frac{3}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
 - **Fifth Terminal:** For field-installable fifth terminal kit, order **K5T**.
 - **Hubs:** -PXL versions supplied with one closing plate packed inside. Order other hubs separately.
 - **AIC Rating:** All models are rated 22K AIC when using Siemens **QPH** (100 Amps) or **QNH** (200 Amps) breakers.
- *Available with horn bypass, suffix **-KK**.



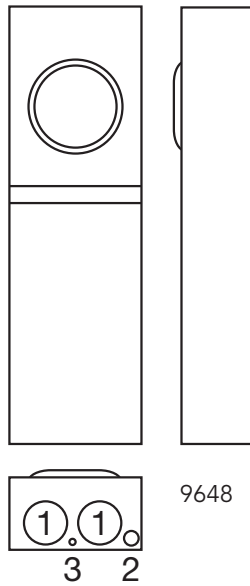
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Triple Tap Meter Mains

100-200 Amps | 4 Terminals | Ringless



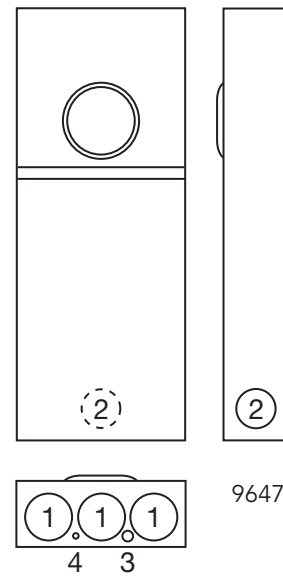
U9648-RL-100



9648



U9647N-RL-200



9647

100-200 Amps | 4 Terminals | Triple Tap Lugs | Ringless | 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
				Line	Load	D"	W"	H"	1	2	3	4
U9648-RL-100	100	OH	H.O.	#6-2/0	(3) #12-1/0	4 $\frac{1}{8}$	8	26	2	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$	—
U9647N-RL-200	200	OH/UG	H.O.	#6-350	(3) #6-350	4 $\frac{7}{8}$	13	33	3	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Fifth Terminal:** For field-installable fifth terminal, order catalog number **5T8K2** for **U9648**. For **U9647**, order catalog number **K5T**.
- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Connectors:** Extruded aluminum connectors are tin-plated with triple tap lugs on the load side.
- **Breakers:** Supplied with factory-installed two-pole circuit breakers of amperage shown. For **U9647**, the option is **UQFB-A-200-X1** at 100, 125 or 150.
-

U9648 Breaker Chart

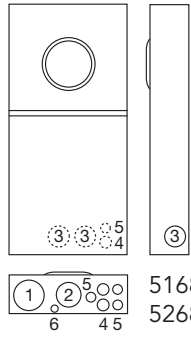
Amps	Cutler-Hammer	Siemens	Murray Siemens	GE	Square D
51-100	Quicklag P BR	QP	MP	Q Line	Homeline
50 or less	Quicklag P BR	QP	MP	Q Line	Homeline

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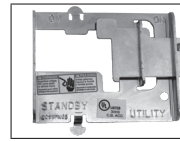


U5168-XTL-200

5168
5268

U5268-XTL-200-KK

Generator Interlock

K5815
Large QN
with small
frame QK5820
Large frame
QN with large
frame QNK5830
Small frame
Q to small
frame Q

100-200 Amps | 4 Terminals | Ringless | OH/UG | 1Ø3W

Catalog Number	Circuits	Bypass	Hub	Connectors CU/AL	Dimensions			Knockouts					
				Line	D"	W"	H"	1	2	3	4	5	6
U5168-XTL-100	10	None	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-100-KK	10	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-100-KK-5T	10	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150	8	None	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150-KK	8	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-150-KK-5T	8	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200	8	None	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200-KK	8	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5168-XTL-200-KK-5T	8	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-150	20	None	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-150-KK	20	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-200	20	None	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5268-XTL-200-KK	20	Horn	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½

Notes

- **NEC 2020 Compliant:** Products are **NEC 2020 compliant**.
- **Fifth Terminal:** For field-installable fifth terminal, order **K5T**.
- **Hubs:** Supplied with two closing plates packed inside. Order other hubs separately.
- **Breakers:** Rated 22K AIC with Milbank **QNR2200RH** main installed.
- **Main Breaker:** **U5168** available with 100-150 Amps breakers, consult factory.
- **Sub Feed Lugs:** **#6-350** sub feed lugs provided on 10-circuit interior. Not available on 20-circuit interior.
- **Horn Bypass:** **U5168** and **U5268** units are available with horn bypass, add **-KK** suffix.

Branch Breaker Chart

Rating kAIC	Circuit Breakers
10	Main: Siemens Type QNR, QNRH. Branch: Siemens QP, QPH; Cutler-Hammer BR, BRH, HQP, QPHW, QPGF, QPHGF; Square-D Homeline; GE (50 Amp. Max) THQL, THQL, THQL-GF, THQL-GF
22	Main: Siemens Type QNRH Branch: Siemens QP, QPH

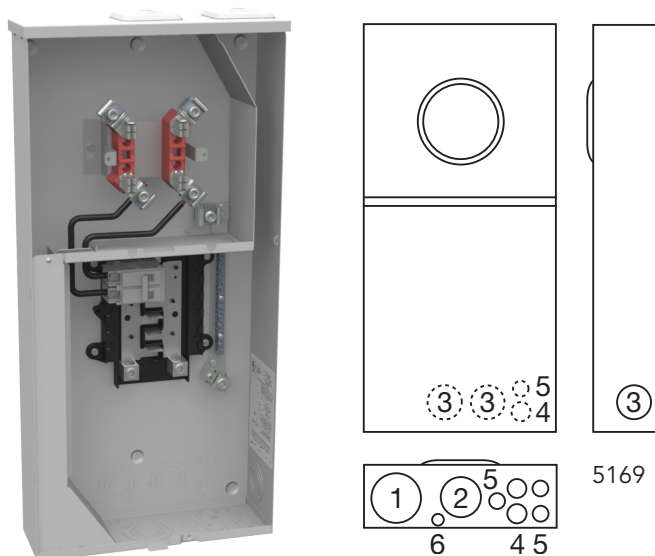


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Meter Mains with Load Center

100-200 Amps | 4 Terminals | Ring Type

21



U5169-XTL-100

100-200 Amps | 4 Terminals | Ring Type | 1Ø3W

Catalog Number	Circuits	Service	Hub	Connectors CU/AL	Dimensions			Knockouts					
				Line	D"	W"	H"	1	2	3	4	5	6
U5169-XTL-100	10	OH/UG	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5169-XTL-200	8	OH/UG	C.P.	#6-350	4½	14⅞	30	3	2½	2	1	½, ¾	¼, ½
U5269-XTL-200	20	OH/UG	C.P.	#6-350	4½	14⅞	32	3	2½	2	1	½, ¾	¼, ½

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.

Generator Interlock

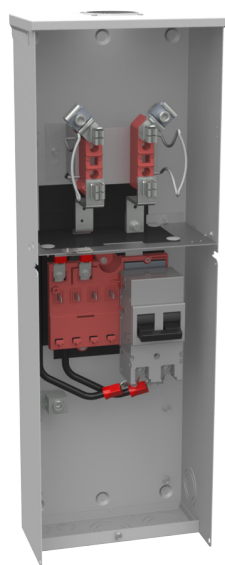
	K5815 Large QN with small frame Q	K5820 Large frame QN with large frame QN	K5830 Small frame Q to small frame Q
--	---	--	--

Branch Breaker Chart

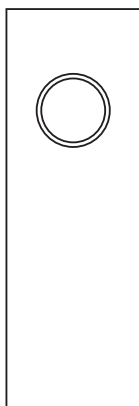
AIC Rating	Amps	Siemens	Cutler-Hammer	GE	Square D
10K	150-200	QNR	BR (150A only)	—	—
	≤125	QP	HQP, BR	THQL, THQL-GF	Homeline
22K	150-200	QNRH	—	—	—
	≤125	QPH	—	—	—

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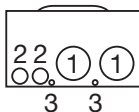




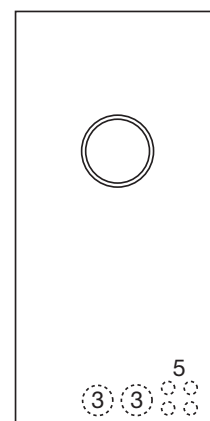
U5818-RL-200S



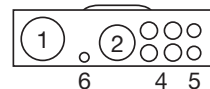
5818



U5898-O-200



5898



200 Amps | 4 Terminals | Ringless | 1Ø3W

Catalog Number	Amps	Service	Hub	Connectors CU/AL	Branch Circuits	Dimensions			Knockouts					
				Line		D"	W"	H"	1	2	3	4	5	6
U5818-RL-200S	200	OH	H.O.	#6-350	4	5½	10	30	2	½, ¾	¼	—	—	—
U5898-O-200	200	UG	Blank	#6-350	8	4½	17	34½	3	2½	2	1	½, ¾	¼, ½

Notes

- **Fifth terminal:** For field-installable Fifth terminal, order **K5T**.
- **Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page.
- **Receptacles:** Consult factory for factory-installed receptacle assemblies for the **U5818**.
- **Horn Bypass:** Available on **U5898** and **U5818**, add suffix **-KK**.
- **Interlock Kit:** For **U5898** generator auxiliary circuit breaker interlock, order **K5815** for large **QN** with small frame **Q**; order **K5820** for large frame **QN** with large frame **QN**; order **K5830** for small frame **Q** to small frame **Q**.

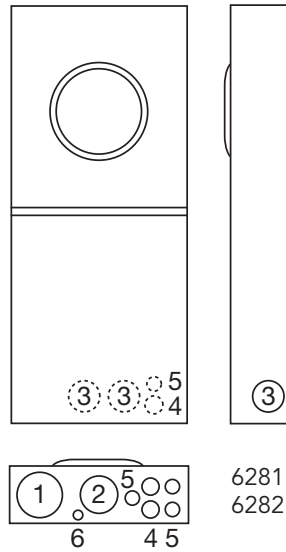


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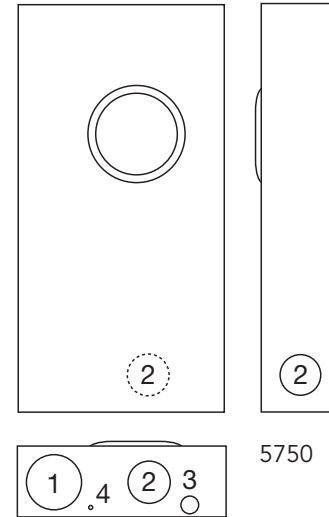
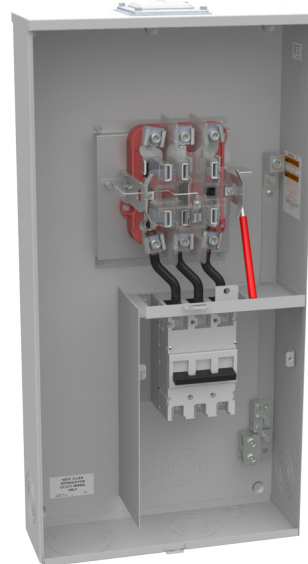
Meter Mains

23

200 Amps | 4-7 Terminals | Ringless



U6281-RXL-200-BL



U5750-RXL-200-BL

200 Amps | 4 Terminals | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Branch Circuits	Dimensions			Knockouts					
			Line		D"	W"	H"	1	2	3	4	5	6
U6281-RXL-200-BL*	OH/UG	C.P.	#6-350	8	4½	14⅞	34	3	2½	2	1	½, ¾	¼, ½
U6282-XL-200*	OH/UG	C.P.	#6-350	20	4½	14⅞	34	3	2½	2	1	½, ¾	¼, ½

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Breakers:** Rated 22K AIC with Milbank **QN2200RH** main installed.
- **Fifth Terminal:** For field-installable fifth terminal, order **K3865**.
- **Interlock Kit:** For generator auxiliary circuit breaker interlock for **U5871** and **U5872**, order **K5815** for large **QN** with small frame **Q**; order **K5820** for large frame **QN** with large frame **QN**.
- **Sub Feed Lugs:** #6-350 sub feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.
- **-BL:** Barrel lock

200 Amps | 7 Terminals | Lever Bypass | Ringless

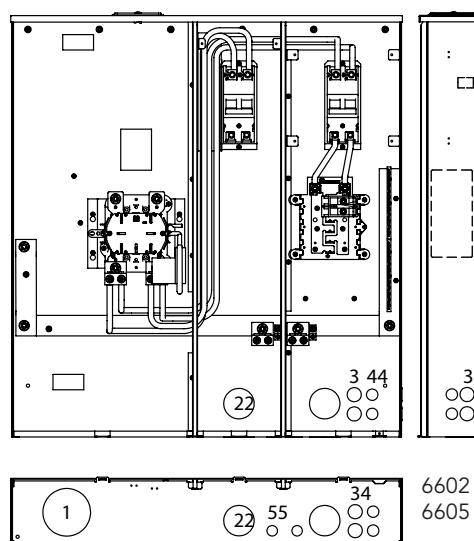
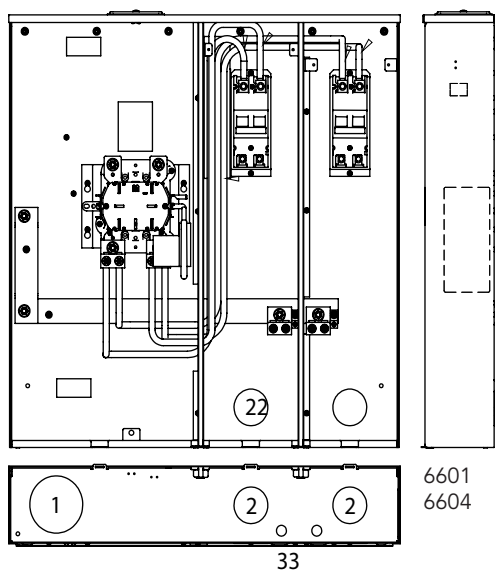
Catalog Number	Service	Hub	Connectors CU/AL	Branch Circuits	Dimensions			Knockouts					
			Line		D"	W"	H"	1	2	3	4	5	6
U5750-RXL-200-BL	OH/UG	C.P.	#6-350	—	5¾	17¾	34	4	3	1	¼	—	—

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Fifth Terminal:** For field-installable fifth terminal, order **K3865**.
- ***Sub Feed Lugs:** #6-350 sub feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.

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320 Amps | 4-7 Terminals | 2, 200 Amps Breakers | OH/UG Service | CP Hub | Lever Bypass | Ringless

Catalog Number	Terminals	Connectors CU/AL	Branch Circuits	Dimensions			Knockouts				
		Line		D"	W"	H"	1	2	3	4	5
U6585-X-2/200-K3L	4	(1) #4-600 or (2) 1/0-250kcmil	—	4 $\frac{7}{8}$	20 $\frac{1}{4}$	45	3	$\frac{1}{2}$	$\frac{1}{4}$	—	—
U6601-X-2/200	4	$\frac{3}{8}$ " x 16 Studs	—	6	34 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	$\frac{1}{2}$	—	—
U6602-X-2/200-MLK*	4	$\frac{3}{8}$ " x 16 Studs	12	6	38	41	4	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
U6603-X-2/200*	4	$\frac{3}{8}$ " x 16 Studs	24	6	38	41	4	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
U6604-X-2/200	4	$\frac{3}{8}$ " x 16 Studs	—	6	34 $\frac{1}{2}$	35	4	2 $\frac{1}{2}$	$\frac{1}{2}$	—	—
U6605-X-2/200*	4	$\frac{3}{8}$ " x 16 Studs	12	6	38	41	4	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
U6606-X-2/200*	4	$\frac{3}{8}$ " x 16 Studs	24	6	38	41	4	2 $\frac{1}{2}$	1	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
U6056-X-2/200-K7L†	7	(2) 1/0 - 250 or 4-600kcmil	—	7	34 $\frac{1}{4}$	34	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{1}{2}$, $\frac{3}{4}$	—

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Fifth terminal:** For field-installable fifth terminal, order catalog number **K3865**.
- **Breakers:** All units come with two, 200 Amps main breakers.
- **Side Bussed Units:** **U6604**, **U6605** and **U6606**.

*For main lug feed-through kit order **K3701**. For factory-installed, order catalog number with suffix **-MLK**.

†Short Circuit Current Rating: 22K AIC at 120/240V or, for the **U6056-X-2/200-K7L** only, 10K at 480V.

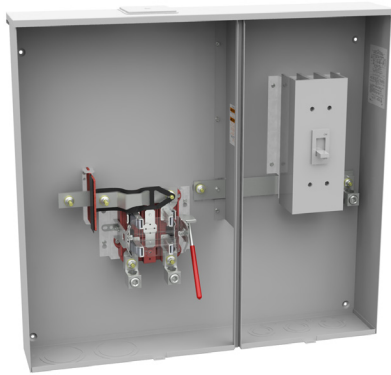


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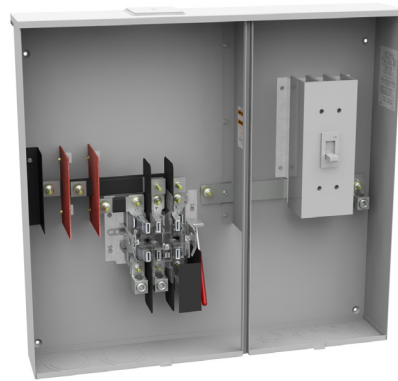
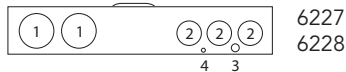
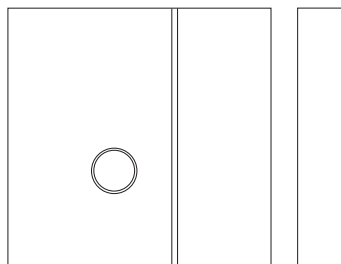
Lever Bypass Meter Mains

25

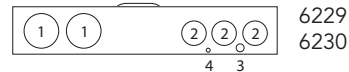
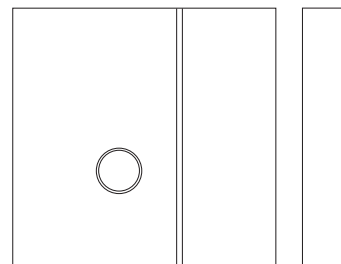
320 Amps | 4-7 Terminals | Ringless | 400 Amps Breaker



U6228-X-400-K3



U6230-X-400-K7



320 Amps | 4 Terminals | 400 Amps Breaker | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6227-X-400-K3	OH/UG	C.P.	600 kcmil	6	36¼	34	4	2½	½	¼
U6228-X-400-K3*	OH/UG	C.P.	600 kcmil	6	36¼	34	4	2½	½	¼

320 Amps | 7 Terminals | 400 Amps Breaker | Lever Bypass | Ringless

Catalog Number	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
			Line	D"	W"	H"	1	2	3	4
U6229-X-400-K7	OH/UG	C.P.	600 kcmil	6	36¼	34	4	2½	½	¼
U6230-X-400-K7*	OH/UG	C.P.	600 kcmil	6	36¼	34	4	2½	½	¼

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Short Circuit Current Rating:** 22K AIC at 120/240 VAC or 10K at 480 VAC.

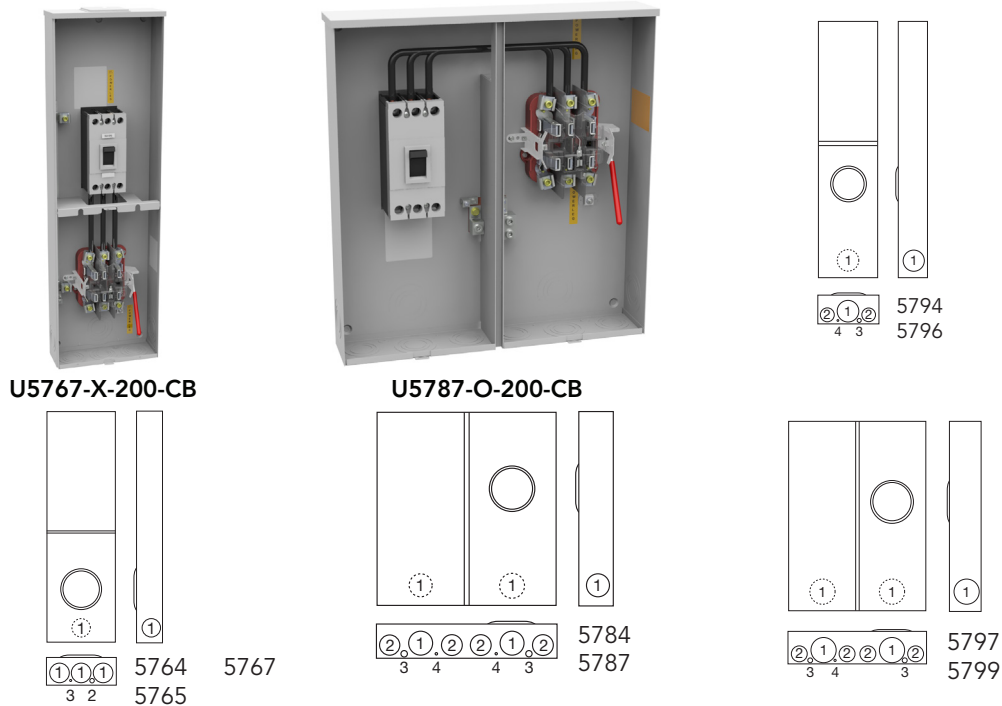
*U6228 and U6230 have side bussing./

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26 Cold Sequence Meter Mains with Breakers

4-7 Terminals | Ringless



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

Catalog Number	Terminals	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
				Load	D"	W"	H"	1	2	3	4
U5764-X-200-CB	4	OH	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	4	2½	¼	—
U5784-O-200-CB	4	UG	Blank	#6-350	4 ²⁷ / ₃₂	26	28	4	2½	¼	—
U5765-X-200-CB	5	OH	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	4	2½	1	½, ¾
U5767-X-200-CB	7	OH	C.P.	#6-350	4 ²⁷ / ₃₂	13	43	4	2½	1	½, ¾
U5787-O-200-CB	7	UG	Blank	#6-350	6	26	28	4	2½	1	½, ¾

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

Catalog Number	Terminals	Service	Hub	Connectors CU/AL	Dimensions			Knockouts			
				Load	D"	W"	H"	1	2	3	4
U5794-X-400-CB	4	OH	C.P.	(1) #4-600kcmil (2) 1/0-250kcmil	6	13	56	4	2½	½, ¾	¾
U5797-O-400-CB	4	UG	Blank	(1) #4-600kcmil (2) 1/0-250kcmil	6	26	36	4	2½	1	½, ¾
U5796-X-400-CB	7	OH	C.P.	(1) #4-600kcmil (2) 1/0-250kcmil	6	13	56	4	2½	¼	—
U5799-O-400-CB	7	UG	Blank	(1) #4-600kcmil (2) 1/0-250kcmil	6	26	36	4	2½	1	½, ¾

Notes

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

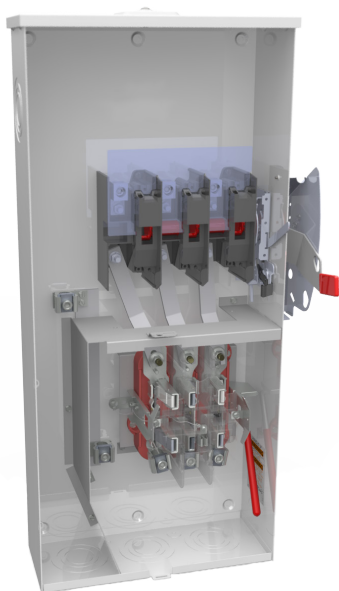


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Cold Sequence Knife Switch

UL-listed | 200 Amps

27



U6550

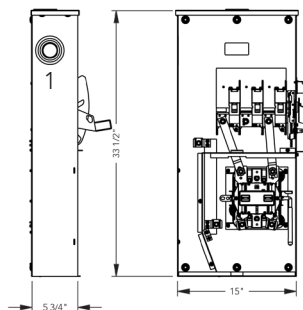
Aesthetically pleasing, fewer components and a smaller footprint than using both a meter socket and disconnect. Faster Installation!

Features

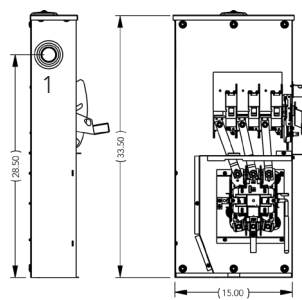
- Easy installation
 - All-in-one socket knife switch combo saves time
- Durable enclosure
 - NEMA 3R rated
 - Standard enclosure: Powder-coated galvanized steel
 - Optional enclosure materials: Stainless steel or aluminum
- Wide range of optional utility specified components (stainless steel hasp, isolated neutral, barrel lock, etc.) upon request.
- SCCR rating of 10K
- UL-listed
- Manufactured in the USA

Common Applications

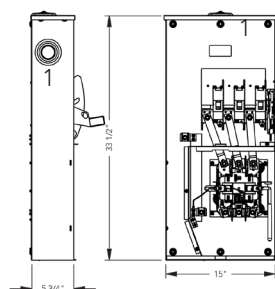
- Commercial
- Industrial



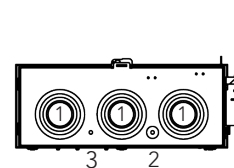
U6549



U6615



U6550



200 Amps | 4-7 Terminals | Cold Sequence Knife Switch

Catalog Number	Amps	Terminals	Phase	Dimensions			Knockouts		
				D"	W"	H"	1	2	3
U6549-XL-200NF	200	4 or 5	1Ø3W and Network	5¾	15	33½	3	½, ¼	¼
U6615-XL-200NF	200	5	3Ø3W	5¾	15	33½	3	½, ¼	¼
U6550-XL-200NF	200	7	3Ø4W	5¾	15	33½	3	½, ¼	¼

Add prefix for optional metals:

USS- Stainless steel (no KOs or hub openings are included in the enclosure from the factory when ordered as stainless steel)

UAP- Aluminum painted

Add suffix for below options:

-5T9/-5T6 Fifth terminal designation

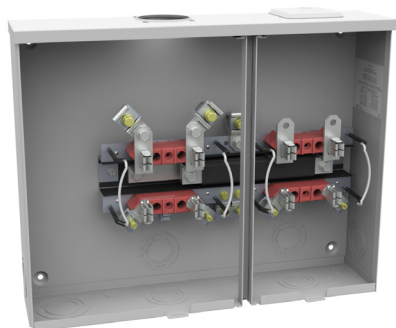
-BL Barrel lock

-BLG Barrel lock/guard provisions

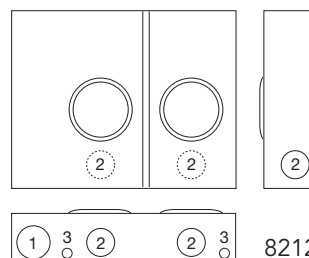
-HSP Stainless steel hasp

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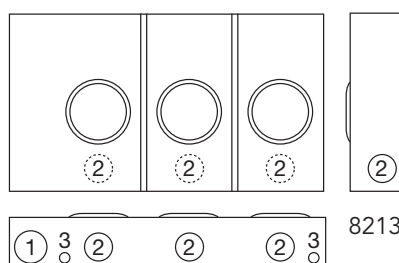




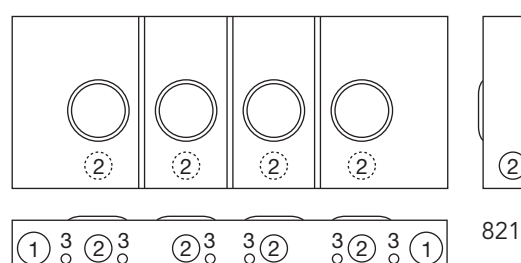
U8212-RL



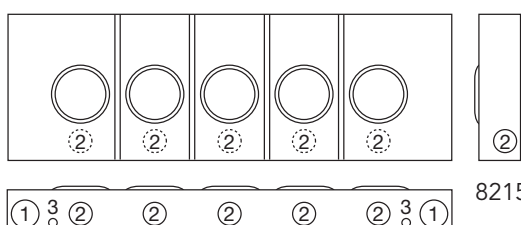
8212



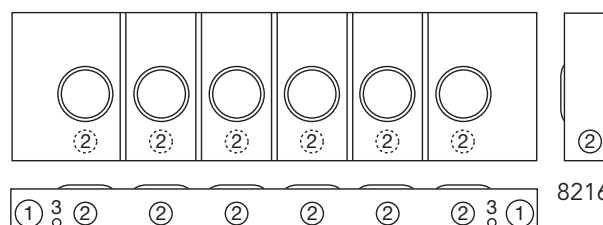
8213



8214



8215



8216

100 Amps per Position | 4 Terminals | Ringless

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

Notes

- **Fifth terminal:** For field-installable fifth terminal in the 6 o'clock position, order **5T8K2**.
- **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.
- **Connectors:** Extruded aluminum connectors are tin-plated.



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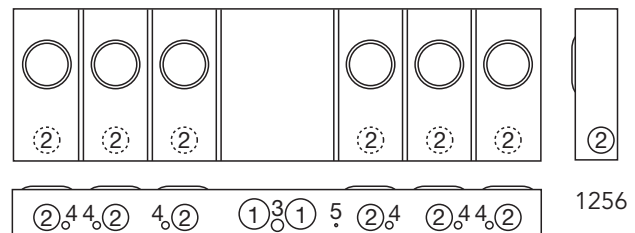
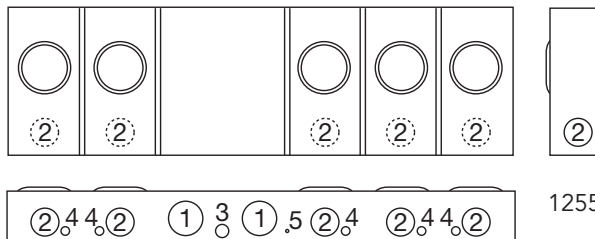
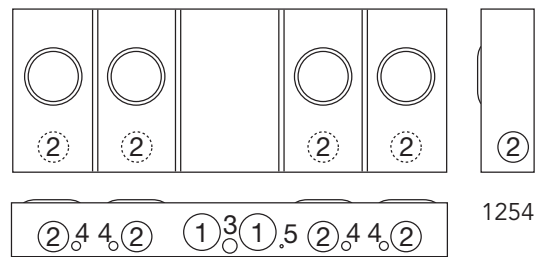
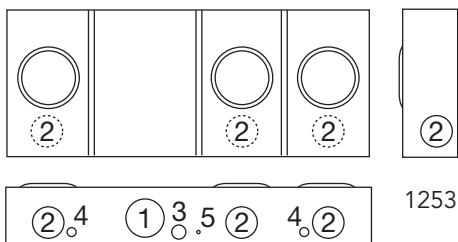
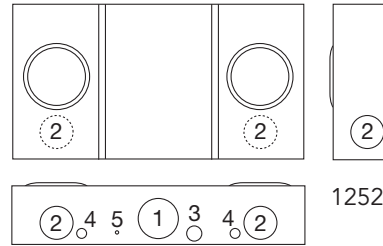
Multi-Position Sockets

200 Amps | 4 Terminals | Ringless | 300V

29



U1254-X



200 Amps per Position | 4 Terminals | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
				Line	Load	D"	W"	H"	1	2	3	4	5
U1252-X	2	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	5 $\frac{1}{8}$	26 $\frac{1}{2}$	14	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1253-X	3	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	5 $\frac{1}{8}$	34 $\frac{3}{4}$	14	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1254-X	4	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	5 $\frac{1}{8}$	42 $\frac{7}{8}$	16	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1255-X	5	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	5 $\frac{1}{8}$	54 $\frac{1}{2}$	16	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1256-X	6	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	5 $\frac{1}{8}$	63 $\frac{1}{16}$	18	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$

Notes

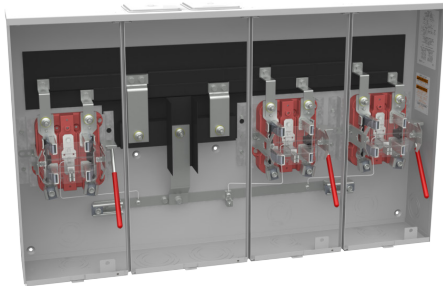
- Fifth terminal:** For field-installable fifth terminal in the 9 o'clock position, order catalog number **K5T**.
- Hubs:** For proper hub selection, refer to the hub suffix chart on the accessories page. For the **U1254-6**, two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- Connectors:** Extruded aluminum connectors are tin-plated. For line side connector lug kits, order from chart on page 76.

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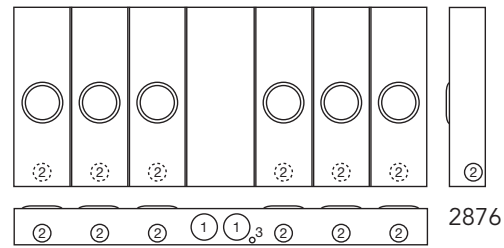
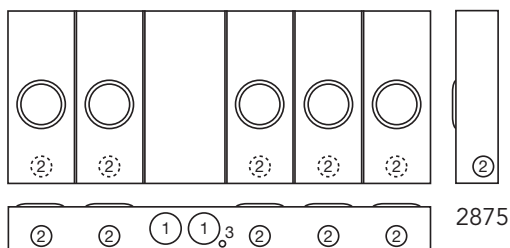
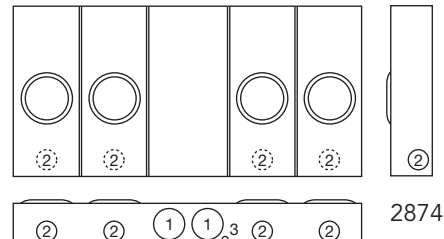
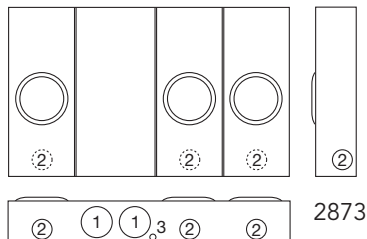
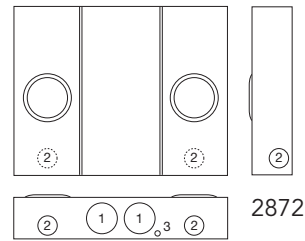


Lever Bypass Multi-Position Sockets

200 Amps | 5 Terminals | Ringless | 300V



U2873-XT



200 Amps per Position | 5 Terminals | Lever Bypass | Ringless

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
				Line	Load	D"	W"	H"	1	2	3
U2872-XT	2	OH/UG	(2) C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	6	32 $\frac{1}{8}$	25 $\frac{1}{4}$	4	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$
U2873-XT	3	OH/UG	(2) C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	6	42 $\frac{3}{16}$	25 $\frac{1}{4}$	4	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$
U2874-XT	4	OH/UG	(2) C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	6	52 $\frac{1}{4}$	25 $\frac{1}{4}$	4	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$
U2875-XT	5	OH/UG	(2) C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	6	62 $\frac{5}{16}$	25 $\frac{1}{4}$	4	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$
U2876-XT	6	OH/UG	(2) C.P.	$\frac{3}{8}$ " x 16 Studs	#6-350	6	72 $\frac{3}{8}$	31 $\frac{1}{4}$	4	2 $\frac{1}{2}$	$\frac{1}{4}, \frac{1}{2}$

Notes

- **Hubs:** Units supplied with two closing plates. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Connector Kits:** For line side connector kits, order as extra **K1539** (350 kcmil), **K1540** (600 kcmil), **K1350** (twin 350 kcmil) or **K1541** (twin 600 kcmil). Line connectors can be reversed to change from OH to UG service. For line side connector lug kits, order as extra from chart on page 76.
- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades

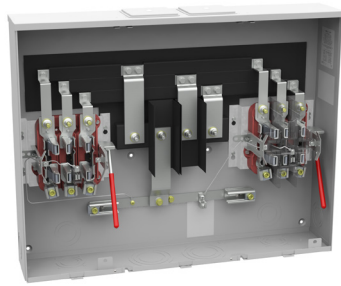


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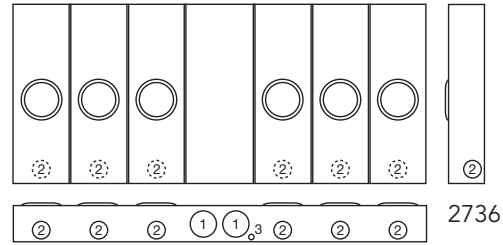
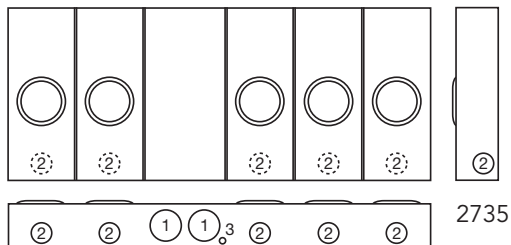
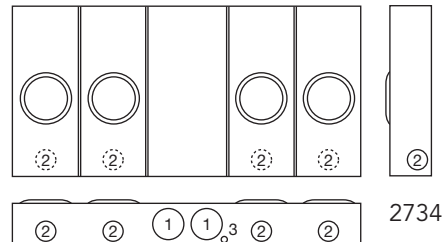
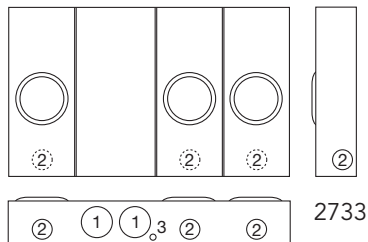
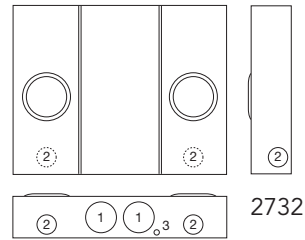
Lever Bypass Multi-Position Sockets

3 1

200 Amps | 7 Terminals | Ringless | 300V



U2732-XT



200 Amps per Position | 7 Terminals | Lever Bypass | OH/UG Service | Ringless

Catalog Number	Positions	Hub	Connectors CU/AL		Dimensions			Knockouts		
			Line	Load	D"	W"	H"	1	2	3
U2732-XT	2	(2) C.P.	3/8" x 16 Studs	#6-350	6	32 1/8	25 1/4	4	2 1/2	1/4, 1/2
U2733-XT	3	(2) C.P.	3/8" x 16 Studs	#6-350	6	42 3/16	25 1/4	4	2 1/2	1/4, 1/2
U2734-XT	4	(2) C.P.	3/8" x 16 Studs	#6-350	6	52 1/4	25 1/4	4	2 1/2	1/4, 1/2
U2735-XT	5	(2) C.P.	3/8" x 16 Studs	#6-350	6	62 5/16	25 1/4	4	2 1/2	1/4, 1/2
U2736-XT	6	(2) C.P.	3/8" x 16 Studs	#6-350	6	72 3/8	31 1/4	4	2 1/2	1/4, 1/2

Notes

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

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





U5882-X



U5884-X

125 Amps per Position | 4 Terminals | Ringless

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL	Dimensions			Weight (lbs.)
					Line	D"	W"	H"	
U5902-X	125	2	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30	58
U5903-X	125	3	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	34 $\frac{5}{8}$	30	88
U5904-X	125	4	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	42 $\frac{4}{5}$	30	107
U5905-X	125	5	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30	128
U5906-X	125	6	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30	146

200 Amps per Position | 4 Terminals | Ringless

Catalog Number	Amps	Positions	Service	Hub	Connectors CU/AL	Dimensions			Weight (lbs.)
					Line	D"	W"	H"	
U5882-X	200	2	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	26 $\frac{1}{2}$	30	58
U5883-X	200	3	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	34 $\frac{5}{8}$	30	88
U5884-X	200	4	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	42 $\frac{4}{5}$	30	107
U5885-X	200	5	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	51 $\frac{1}{20}$	30	128
U5886-X	200	6	OH/UG	C.P.	$\frac{3}{8}$ " x 16 Studs	5 $\frac{1}{8}$	59 $\frac{3}{10}$	30	146

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 Amps	BR, BJ	QN, QNH (22K)	—	—

Notes

- **NEC 2020 Compliant:** All products listed are NEC 2020 compliant.
- **Fifth terminal:** For field-installable Fifth terminal, order **K5T**.
- **Hub:** Units supplied with one closing plate. To order hubs separately, see accessories page.
- **Connectors:** Supplied with $\frac{3}{8}$ "-16 hex head nuts with Belleville washers. For connector lug kits, order from chart on page 76.
- **AIC Rating:** All models are rated 22K AIC.
- **Knockouts:** See next page for drawings and knockout configurations.
- **Horn Bypass:** Available, add **-KK** suffix
- **Optional:** Factory-installed breakers are available. Consult local Manufacturer's Rep for more information.



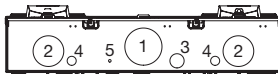
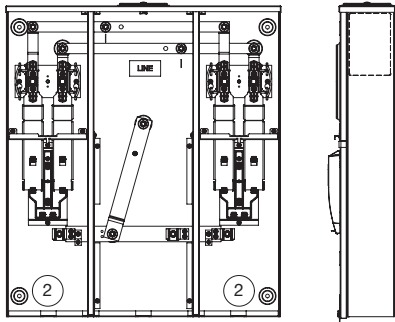
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Multi-Position Meter Mains

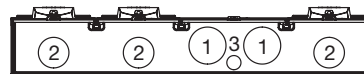
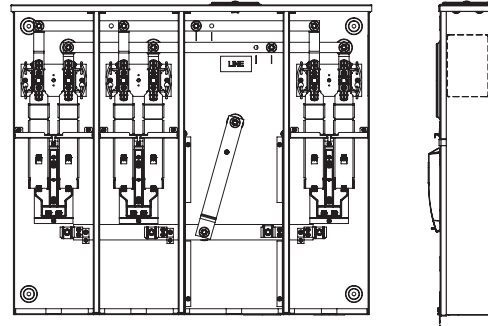
U5902 and U5882 Series Knockout Information

33

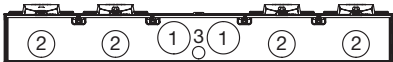
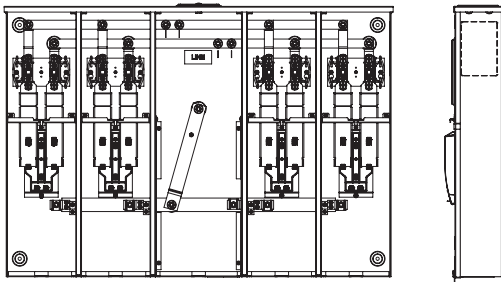
Knockouts				
1	2	3	4	5
3	2½	1	7/8	¼



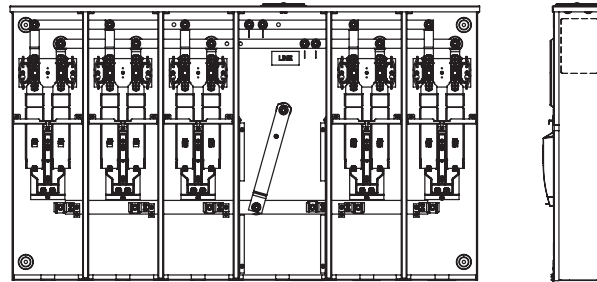
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5902



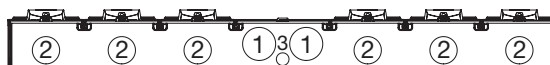
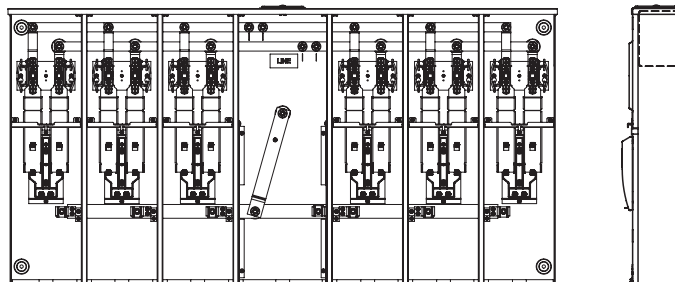
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5903



5884
5904



5885
5905



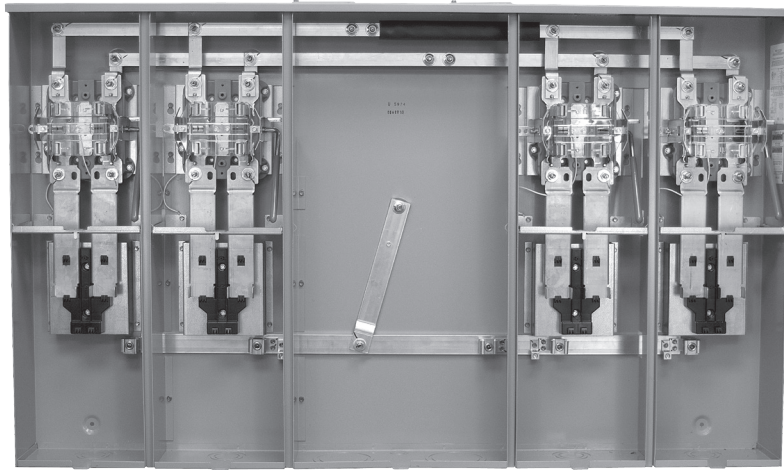
5886
5906

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Multi-Position Meter Mains

200 Amps | 4 Terminals | Lever Bypass | 240V



U5974-XT

200 Amps per Position | 4 Terminals | Lever Bypass | Ringless

Catalog Number	Amps	Positions	Service	Hub	Bypass	Dimensions			Weight (lbs.)
						D"	W"	H"	
U5972-XT	200	2	OH/UG	(2) C.P.	Lever	5 ³ / ₃₂	36 ³ / ₈	34	97
U5973-XT	200	3	OH/UG	(2) C.P.	Lever	5 ³ / ₃₂	46 ¹ / ₂	34	146
U5974-XT	200	4	OH/UG	(2) C.P.	Lever	5 ³ / ₃₂	57 ¹ / ₁₆	34	179
U5975-XT	200	5	OH/UG	(2) C.P.	Lever	5 ³ / ₃₂	67 ¹ / ₈	34	213
U5976-XT	200	6	OH/UG	(2) C.P.	Lever	5 ³ / ₃₂	77 ⁹ / ₁₆	34	246

Notes

- **NEC 2020 Compliant:** All products listed are NEC 2020 compliant.
- **Fifth terminal:** For field-installable fifth terminal, order **K3866**.
- **Hubs:** Units supplied with one closing plate. To order hubs separately, see accessories page.
- **Knockouts:** See drawings on the next page.
- **AIC Rating:** All models are rated 22K AIC when used with approved breakers rated at 22K.
- **Lug Kits:** Sold separately.
- **Front Covers:** Barrel lock option available—contact factory.

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 Amps	—	QN, QNH (22K)	—	—



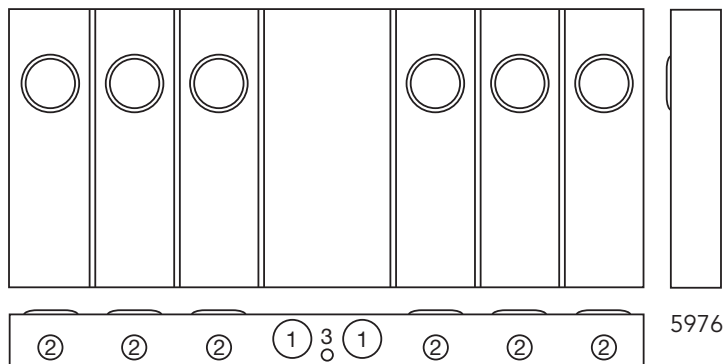
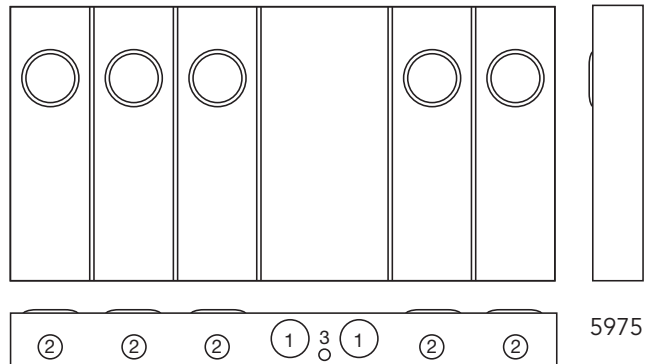
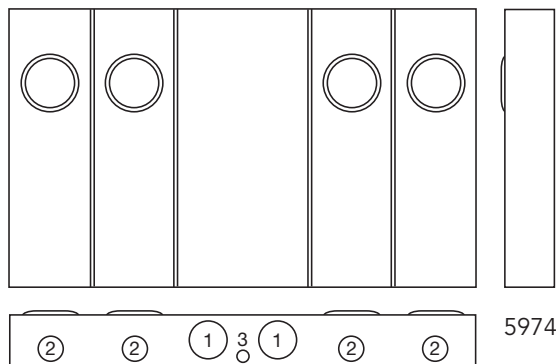
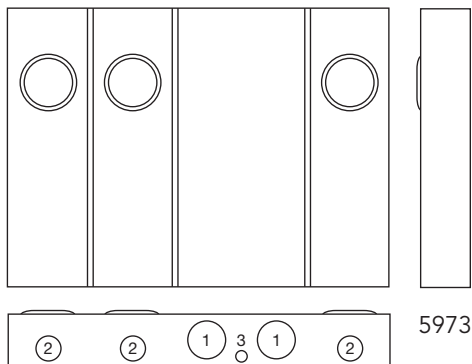
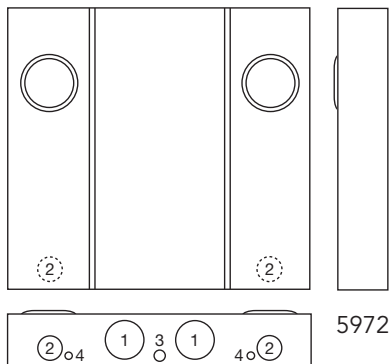
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Multi-Position Meter Mains

U5972–U5976 Series | Knockout Information

35

Knockouts			
1	2	3	4
4	2½	1	½

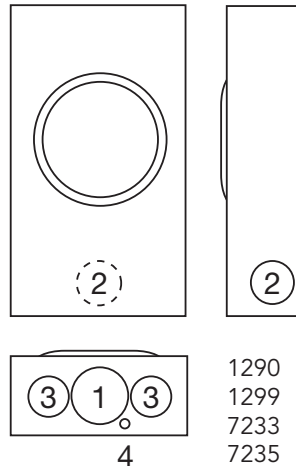


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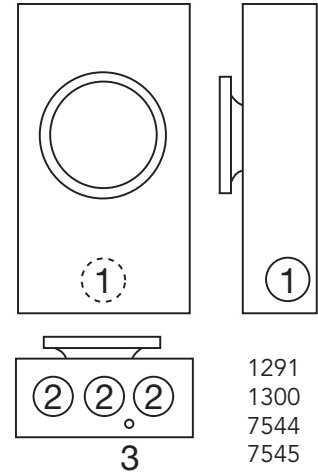
UC7237-RL



1290
1299
7233
7235
7237



UC7582-XL



1291
1300
7544
7545
7582

20 Amps | Ringless | Plunger Bypass | OH/UG

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
UC1290-XL	5	C.P.	3S	#14 - #10	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC1299-XL	6	C.P.	4S	#14 - #10	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC7233-XL	7	C.P.	7, 14, 15 and 24S	#14 - #10	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC7235-XL	8	C.P.	5S	#14 - #10	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼
UC7237-XL	13	C.P.	6, 8, 9S and (ALT) 10S	#14 - #10	3 ⁵ / ₁₆	8	14	2	1½	1¼	¼

20 Amps | Ring Type | OH/UG

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
UC1291-RL	5	H.O.	3S	#14 - #4 MAX	Plunger	3 ⁵ / ₁₆	8	14	1½	1¼	¼
UC1300-RL	6	H.O.	4S	#14 - #4 MAX	Plunger	3 ⁵ / ₁₆	8	14	1½	1¼	¼
UC7544-RL	8	H.O.	5S	#14 - #4 MAX	Plunger	3 ⁵ / ₁₆	8	14	1½	1¼	¼
UC7545-RL	13	H.O.	6, 8, 9S and (ALT) 10S	#14 - #4 MAX	Plunger	3 ⁵ / ₁₆	8	14	1½	1¼	¼
UC7582-XL	13	C.P.	6, 8, 9S and (ALT) 10S	#14 - #10	None	3 ⁵ / ₁₆	8	14	1½	1¼	¼

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** Plunger type bypass automatically closes when meter is removed.

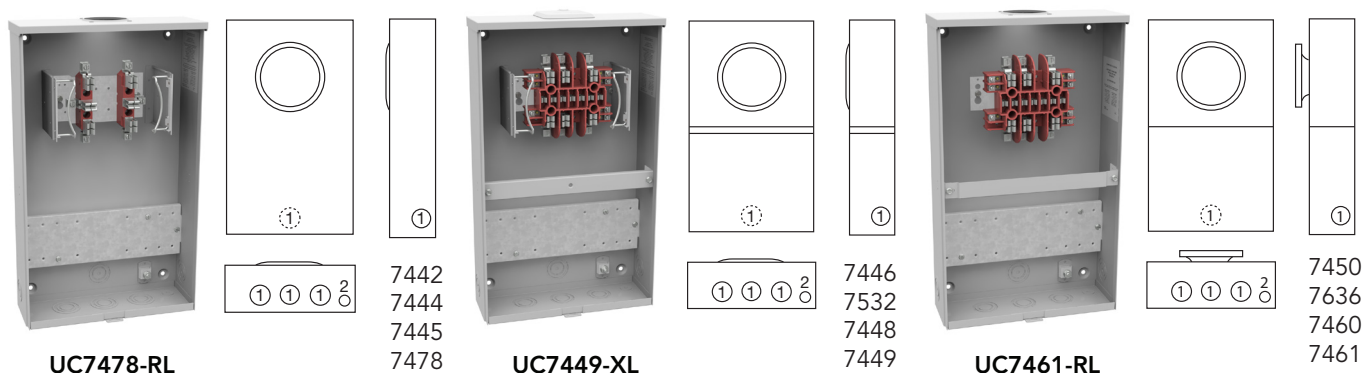


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Transformer Rated

37

20 Amps | 5-13 Terminals | Test Switch Provision



1-Piece Cover | Ringless | OH/UG | with Test Switch Provision*

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7442-RL	5	H.O.	3S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7478-RL	6	H.O.	4S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7444-RL	8	H.O.	5S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7445-RL	13	H.O.	6, 8, 9 and (ALT) 10S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$

2-Piece Cover | OH/UG | with Test Switch Provision*

Ringless Catalog Number	Ring Type Catalog Number	Terminals	Hub	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7446-RL	UC7450-RL	5	H.O.	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7532-RL	UC7636-RL	6	H.O.	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7448-RL	UC7460-RL	8	H.O.	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$
UC7449-RL	UC7461-RL	13	H.O.	#14 - #4 Max	None	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	$\frac{1}{4}$, $\frac{1}{2}$

Notes

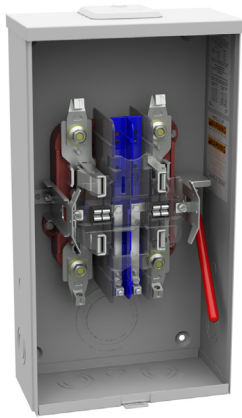
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Sealing Rings:** Ring type units are supplied with one **MR-2** snap type sealing ring.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the general engineering section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "S" (i.e. UC7445-XL becomes S7445-XL). The "S" prefix also designates non-UL.
- *Units on this page are not designed for use with test switch covers.

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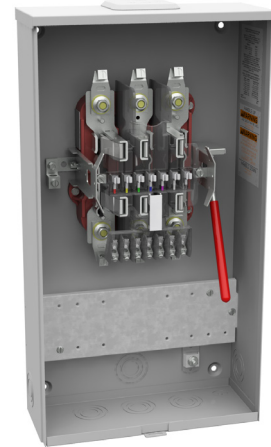
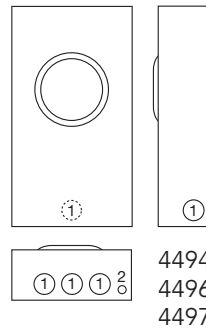
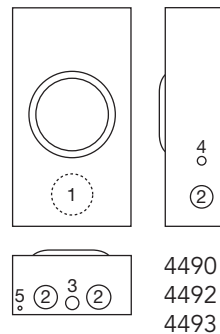


Lever Bypass Transformer Rated

20-80 Amps | 6-13 Terminals | Ringless | 600V



U4490-XL



U4497-XL

80 Amps | Transformer Rated | Lever Bypass | OH/UG Service | Ringless

Catalog Number	Terminals	Hub	Connectors CU	Dimensions			Knockouts				
				D"	W"	H"	1	2	3	4	5
U4490-XL	6	C.P.	#14 - #4 Max	4 $\frac{7}{8}$	10	18 $\frac{1}{2}$	3	1 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{4}$
U4492-XL	8	C.P.	#14 - #4 Max	4 $\frac{7}{8}$	10	18 $\frac{1}{2}$	3	1 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{4}$
U4493-XL	13	C.P.	#14 - #4 Max	4 $\frac{7}{8}$	10	18 $\frac{1}{2}$	3	1 $\frac{1}{2}$	$\frac{1}{2}$, $\frac{3}{4}$	$\frac{3}{4}$	$\frac{1}{4}$

20 Amps | Transformer Rated | Lever Bypass | Ringless | with Provision for Test Switch*

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
U4494-XL	6	C.P.	OH/UG	#14 - #4 Max	Lever	4 $\frac{7}{8}$	12	22	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
U4496-XL	8	C.P.	OH/UG	#14 - #4 Max	Lever	4 $\frac{7}{8}$	12	22	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
U4497-XL	13	C.P.	OH/UG	#14 - #4 Max	Lever	4 $\frac{7}{8}$	12	22	1 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$

Notes

- **Bypass:** Lever operates current bypass devices and also supplies clamping action on current meter spades.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the general engineering section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max). If compression type connectors (#10) are preferred, change catalog prefix to "S" (i.e., U4494-XL becomes S4494-XL). The "S" prefix also designates non-UL.
- **Block Assembly:** Block assembly rated at 80 Amps and test switch rated at 20 Amps; therefore, unit defaults to test switch rating of 20 amps.
- *These units can be used with clear lexan cover. See accessories page for ordering information.



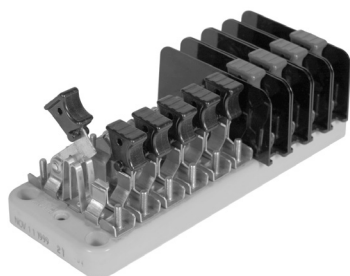
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Test Switches

4, 7 and 10 Pole

39

The Milbank test switch is designed to meet the critical requirements of the electric utility industry. Not only does it meet EEl, ANSI C12.9, and UL standards, but it combines several special features giving the Milbank test switch increased safety, durability and reliability. One such feature is our unique switch blade contact points, which cut through residue that builds up after years of service. Another distinction is our polarity barrier, which is designed to be flexible and offer exceptional insulating qualities. Our test switches are constructed from the latest materials available using modern fabricating and assembly methods.



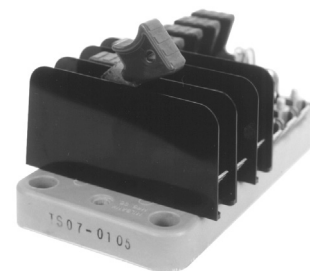
Switch Blades

Two dimples coined into one side of the switch blade ensure positive contact in corrosive, sooty environments—even after years of inactivity.



Test Switch Base

The base is molded from a high strength, fiberglass reinforced, thermoset polyester. This material is track resistant, flame retardant and has low water absorption qualities. Bases are available in 7-pole and 10-pole sizes.



Polarity Barrier

For maximum protection potential, circuits are supplied with permanently mounted barriers made from high tensile strength polycarbonate.



Standard Cover

Note:

Socket shells must be 5½" deep
-OR- must not have test switch bridge mounted on back in order to support a cover.



Flush Mount Cover (Black)

Test Switch Covers

Standard test switch covers are made from impact resistant clear thermal plastic which has excellent tracking and moisture resistant properties. If covers are required, add suffix **-WC** (with cover) to the catalog number or order separately catalog number **K3388**. Black flush mount covers are also available. Order catalog number **K3388-BLK-FL**. 10-pole base only.

Switch Jaws

The switch blade jaw clips are constructed from spring grade copper alloy. The material and design ensure excellent contact, which prevents overheating.

Current Carrying Parts

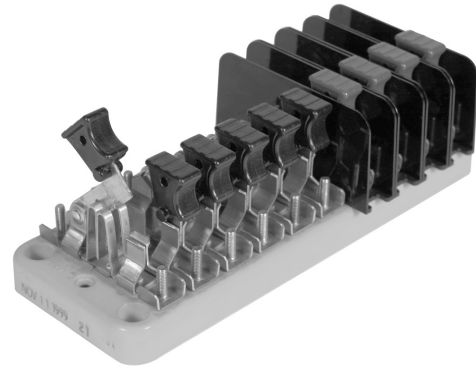
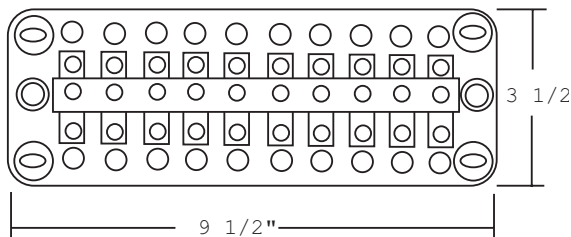
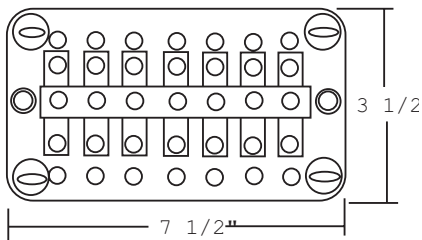
Highly conductive copper and copper alloy materials are used on all current carrying parts. This ensures conductivity and deters corrosion. Spring grades are used where appropriate. Plating is available if required. Contact general offices to special order.

Notes

- **Factory-installed:** For factory-installed cover, add **-WC** or **-WCFL** to the catalog number of desired test switch.
- **Field-installable:** For field-installable cover, order kit number **K3388** or **K3388-BLK-FL**.

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KEY	
P	Potential switch
C+	Line side current switch with short circuit assembly
C	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
X	Unused position on base
	Line side current switch with short circuit assembly

Catalog Number	4-Pole						
TS04-0101	X	P	Pn	X	C+	C	X
TS04-0104	X	C+	C	X	P	Pn	X

Catalog Number	7-Pole						
TS07-0105	P	P	Pn	C+	C	C+	C

Catalog Number	7-Pole on a 10-pole base								
TS07-0049	P	X	P	X	Pn	X	C+	C	C+
TS07-0106	X	P	C+	C	P	C+	C	Pn	X

CUSTOM POLE ARRANGEMENTS

The key may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch / shunt circuit assemblies are to be bussed together. The catalog numbers shown are connected in line-load pairs; therefore, if bussed is required, different catalog numbers will apply.

Catalog Number	10-Pole									
TS10-0109	P	P	P	Pn	C+	C	C+	C	C+	C
TS10-0110	P	C+	C	P	C+	C	P	C+	C	Pn
TS10-0111	P	P	P	Pn	C	C+	C	C+	C	C+
TS10-0112	C+	C	C+	C	C+	C	P	P	P	Pn
TS10-0016	P	P	P	PN	C	C+	C	C+	C	C+



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Prewired/Test Switch Worksheet

41

Customer Name: _____ Phone: _____

Email: _____ Fax: _____

Address: _____

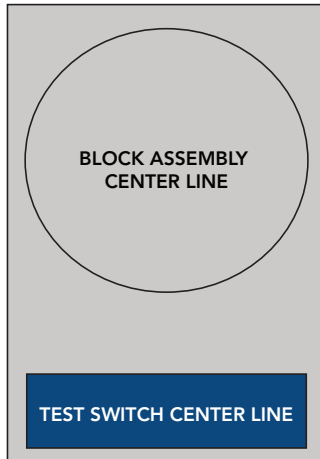


Diagram Options

Before continuing to the next page, select one of the following block assembly diagrams. If you require a different diagram, reach out to your local sales representative or to the Milbank technical sales and quotation contact for your area.

Test Switch Base

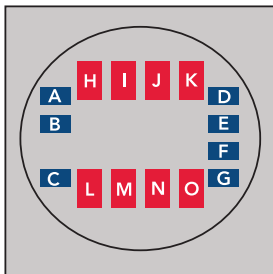
The base is molded from a high-strength, fiberglass reinforced, thermoset polyester. This material is track-resistant, flame retardant and has low water absorption qualities. Bases are available in two standard sizes following NEMA mounting classifications.

Circle your preferred diagram here. On the next page, fill out your wire configuration on the Meter Socket Wiring Configurator chart. Use the diagram you selected to match each letter of the meter socket configuration to the corresponding position number.

A B C D E F G Other _____

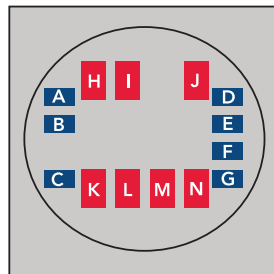
A

15 TERMINAL
ID Locations



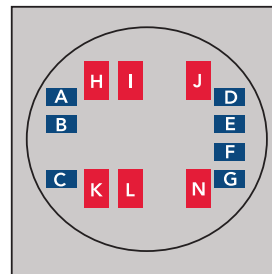
B

14 TERMINAL
ID Locations



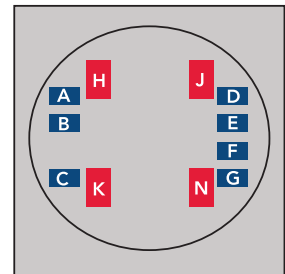
C

13 TERMINAL
ID Locations



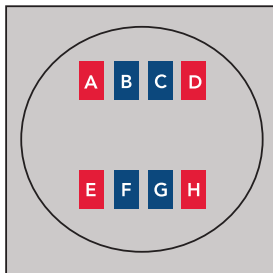
D

11 TERMINAL
ID Locations



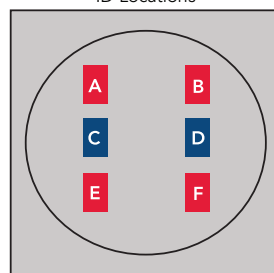
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8 TERMINAL
ID Locations



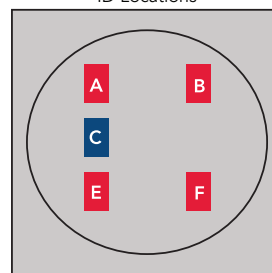
F

6 TERMINAL
ID Locations



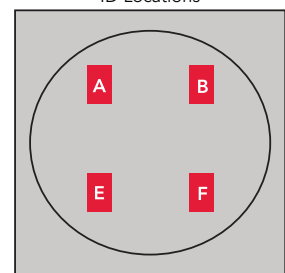
G

5 TERMINAL
ID Locations



H

4 TERMINAL
ID Locations



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Test Switch Types					
P	Potential switch	N	Neutral bar (no switch)	L	Insulating barrier (one side)
C+	Line side current switch with short circuit assembly	Pn	Neutral potential switch	U	Insulating barrier (two sides)
C	Load side current switch with test jack assembly	X	Unused position on base		

Test Switch Cover
(only available for 10-pole bases)

☐ Yes | Clear ____ Black ____

☐ No

Base Size

☐ 7-Pole ☐ 10-Pole

☐ **Test Switch Plating Required?**
Milbank uses nickel plating

Meter Socket Wiring Configurator

Position Diagram Number	1	2	3	4	5	6	7	8	9	10
Wire Configuration										
Test Switch Type										

The test switch types may be used to diagram your own pole arrangement. Be sure to specify base size and whether all C+ line side, current switch/shunt circuit assemblies are to be bussed together.

Color Key											
BK	Black	P	Purple	Y	Yellow	GN	Green	BR	Brown	O	Orange
R	Red	BL	Blue	W	White	GR	Gray	If color is not shown, please write it out.			

For a stripe, add "S" to the end of the color abbreviation. Example: For a Black Stripe wire, write BKS.

Test Switch Handle Color Configurator

	1	2	3	4	5	6	7	8	9	10
Handle Color										
Handle Stripe Color										

Test Switch Wire Color Configurator

	1	2	3	4	5	6	7	8	9	10
Wire Color										
Stripe Color										

Jumper Wire Configurator (if applicable)

	1	2	3	4	5	6	7	8	9	10
Spaces										
Wire Color										

Special Features

Feature	1	2	3	4	5	6	7	8	9	10
45° Angle Stops										
Ganged Handles (C)										
Bussing										
Reverse Pole Switch										

Additional Engineering Information:

Questions? Contact your local Milbank sales representative. Need help finding your rep?
Go to milbankworks.com/contact.

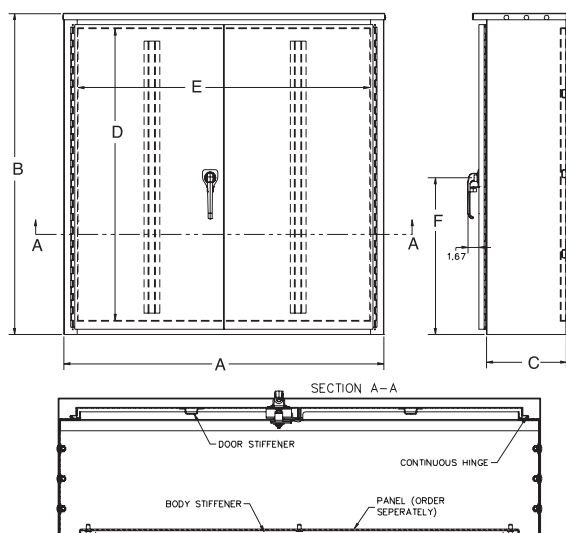


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Current Transformer Cabinet

43

Panel Enclosure | NEMA 3R



Application

- Designed for use as a current transformer cabinet or panel enclosure.
- For outdoor use to provide protection against rain, sleet and snow, or indoor use to protect against dripping water.

Construction

- Enclosure and cover manufactured from 16- or 14-gauge G90 galvanized steel.
- The doors are overlapping with no center post.
- Continuous door hinge with stainless steel hinge pins.
- Three point padlockable handle.
- Panel mounting studs provided for optional back panels.
- Drip shield top and seam-free sides, front and back.

Finish

- ANSI 61 gray polyester powder coating over phosphatized G90 galvanized steel.

Current Transformer Cabinets | Panel Enclosure | CT3R

Catalog Number	UPC # (7-84572)	Weight	Dimensions			Steel Panel Catalog #	Wood Panel Catalog #
			D"	W"	H"		
363010-CT3R	18823	99	36	30	10	A-36P30	A-36P30W
363016-CT3R	16181	121.5	36	30	16	A-36P30	A-36P30W
363610-CT3R	17368	113	36	36	10	A-36P36	A-36P36W
363612-CT3R	16185	118	36	36	12	A-36P36	A-36P36W
363616-CT3R	18819	139	36	36	16	A-36P36	A-36P36W
483616-CT3R	25707	163	48	36	16	A-48P36	A-48P36W
484812-CT3R	16184	210	48	48	12	A-48P48	A-48P48W
606013-CT3R	18252	274	60	60	13	A-60P60	A-60P60W

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CT364811-HC
Shown with **K5930** current
transformer rack installed



PT48AL*
PT48AR†



S7860

Hinge Cover Transformer Cabinets

Catalog Number	CT Racks [†]	Dimensions			Front Cover	Cover Type
		D"	W"	H"		
CT244811-SC	A	11	24	48	1 Piece	Screw
CT304811-SC	A, B, G, H	11	30	48	1 Piece	Screw
CT364811-SC	A, B, G, H	11	36	48	1 Piece	Screw
CT244811-HC	A	11	24	48	1 Piece	Hinge
CT304811-HC	A, B, G, H	11	30	48	1 Piece	Hinge
CT364811-HC	A, B, G, H	11	36	48	1 Piece	Hinge

PT Cabinets

Catalog Number	Dimensions			Knockout
	D"	W"	H"	
PT48AL	8	12	36	2½" - right side
PT48AR	8	12	36	2½" - left side

Notes

- **Enclosures:** These units are rated NEMA 3R, powder coated and constructed of galvanized steel.
- **Wall- or Pole-mount:** For wall- or pole-mounted CT rack, order **S7860**. This unit accommodates three donut-style CTs. The removable cover makes wiring much easier.
- **Mounting:** ¼" - 20 welded studs.
- ***PT48L** and **PT48AL** has mounting emboss on the right side to be mounted on left side of CT cabinet.
- †**PT48R** and **PT48AR** have mounting emboss on left side to be mounted on right side of CT cabinet.
- *Select CT mounting rack from next page.



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CT Cabinet Mounting Racks

45

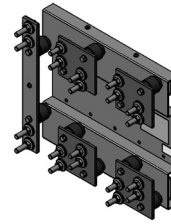
Studs and Lug Type



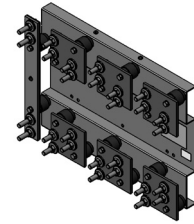
K4797 (studs)



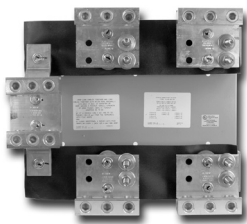
K4798 (studs)



K5932 (studs)



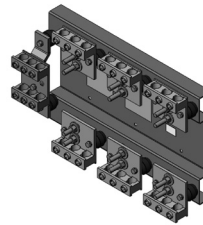
K5933 (studs)



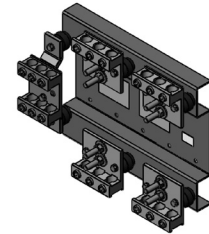
K4729 (with lugs)



K4722 (with lugs)



K5930 (with lugs)



K5931 (with lugs)

Hinge Cover Transformer Cabinets

Code	Catalog Number	AIC Rating	Amps	Voltage	Type of Service	Termination Type
A	K4797	50K	800	600	1Ø3W or 3Ø3W	½ - 13 Studs on 1¾" Centers
B	K4798	50K	800	600	3Ø4W	½ - 13 Studs on 1¾" Centers
G	K4729	50K	800	600	1Ø3W or 3Ø3W	6 lugs: (3) #4-600 or (6) #1-250
H	K4722	50K	800	600	3Ø4W	8 lugs: (3) #4-600 or (6) #1-250
H	K5930	50K	800	600	3Ø4W	8 lugs: (3) #4-600 or (6) #1-250
G	K5931	50K	800	600	1Ø3W or 3Ø3W	6 lugs: (3) #4-600 or (6) #1-250
A	K5932	50K	800	600	1Ø3W or 3Ø3W	½ - 13 Studs on 1¾" Centers
B	K5933	50K	800	600	3Ø4W	½ - 13 Studs on 1¾" Centers

Notes

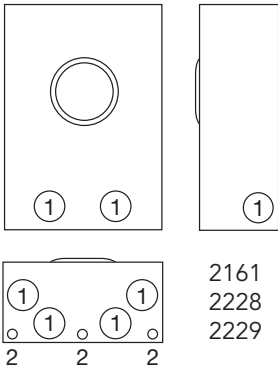
- **Enclosures:** Select CT enclosures from previous page.
- **PT Cabinets:** PT Cabinets are required on all 277/480V installations.

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U2161-XT
(prewired as example only)



U2161-XT
(interior shown)

Note

Units priced without transformers or test switches. Contact general office for ordering information.

For use with bar-type CTs.
There is no provision for PTs in these units.

200 / 5
300 / 5
400 / 5

400 Amps | 6-13 Terminals | Ringless

Catalog Number	Terminals	Hub	Meter Form	Connectors	Current Transformer Mountings	Dimensions			Knockouts	
						D"	W"	H"	1	2
U2228-XT	6	(2) C.P.	4S	500	1/2"-13 Twin Studs	12	24	36	4	1
U2229-XT	8	(2) C.P.	5S	500	1/2"-13 Twin Studs	12	24	36	4	1
U2161-XT	13	(2) C.P.	6, 8, 9S	500	1/2"-13 Twin Studs	12	33 7/16	35	4	1

Notes

- **Hubs:** Units are supplied with two closing plates as standard. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Studs:** 1/2"-13 twin studs are supplied to mount bar type transformers. Hex nuts with Belleville washers are also supplied.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the general engineering section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number, meter form number and a copy of your wiring diagram. If CTs are to be factory-installed, specify CT ratio.

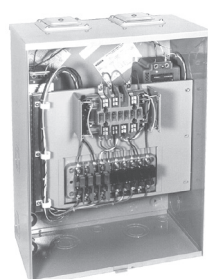


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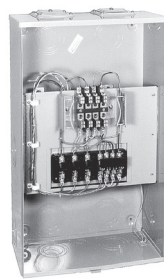
Transockets

47

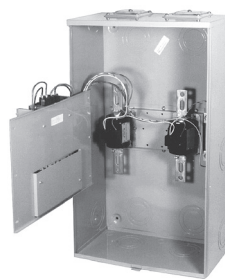
600 Amps | 6-14 Terminals | Donut- or Bar-Type CTs



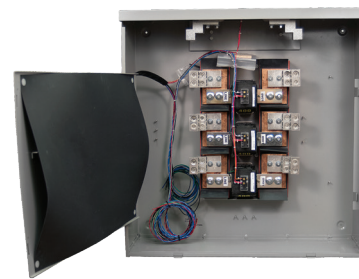
S1890-XT



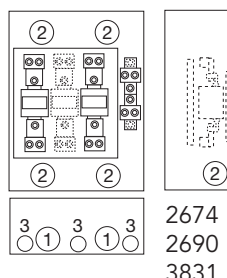
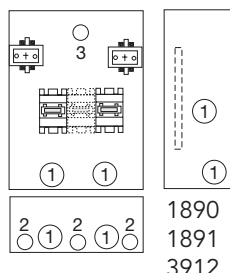
S2690-XT



S2690-XT



AP6014-O-400-NKO
(shown factory prewired)



600 Amps/600V | with PTs and Donut-Type CTs | Ringless

Catalog Number	Terminals	Hub	Meter Form	PTs Quantity and Ratio	CTs Quantity and Ratio	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
S1891-XT	8	(2) C.P.	5S	(2) 4:1	(2) 200/5	9½	18	24	2½	1	1½/16
S3912-XT	13	(2) C.P.	6S	(2) 2.5:1	(3) 200/5	9½	18	24	2½	1	1½/16
S1890-XT	14	(2) C.P.	6S	(2) 2.5:1	(3) 200/5	9½	18	24	2½	1	1½/16

600 Amps/60V | Bar-Type CTs Only | Ringless

Catalog Number	Terminals	Hub	Meter Form	CTs Quantity and Ratio	Dimensions			Knockouts		
					D"	W"	H"	1	2	3
S3831-XT	6	(2) C.P.	4S	(2) 200/5	11¼	18	30	4	3½	1
S2690-XT	8	(2) C.P.	5S	(2) 200/5	11¼	18	30	4	3½	1
S2674-XT	13	(2) C.P.	8S	(3) 200/5	11¼	18	30	4	3½	1

400-1000 Amps | 8-13 Terminals | OH/UG Service | Ringless | Transocket

Catalog Number	Terminals	Hub	Phase	Test Switch	VT Pack Provision	CTs Qty. and Ratio	Dimensions			Knockouts
							D"	W"	H"	
AP6015-O-400-NKO	8	Blank	1Ø or 3Ø3W	7-pole	Yes	(2) 400/5	12½/16	36	37	None
AP6014-O-400-NKO	13	Blank	3Ø4W	10-pole	Yes	(3) 400/5	12½/16	36	37	None

Notes

- **Hubs:** Units are supplied with two closing plates as standard. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Prewiring:** Units supplied prewired with test switch and transformers in place. Contact factory if wiring diagram is desired.
- **Pricing:** Contact general office for pricing information.

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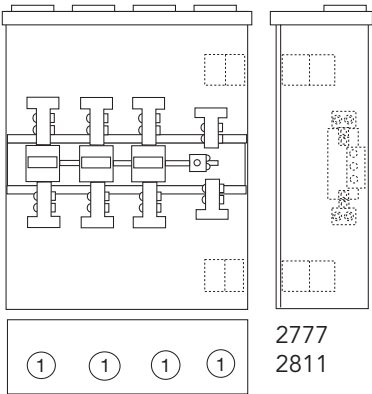




S2777-4X



S2777-4X



1200-1600 Amps | with PTs and Bar Type CTs | Ringless | 3Ø4W

Catalog Number	Terminals	Hub	Meter Form	PTs Quantity and Ratio	CTs Quantity and Ratio	Dimensions			Knockouts
						D"	W"	H"	1
S2777-4X	14	(4) C.P.	6S	(2) 2.5:1	(3) 400/5	14	30	42	1/2
S2811-4X	14	(4) C.P.	8S	NONE	(3) 400/5	14	30	42	1/2

Notes

- **Hubs:** Units are supplied with two closing plates as standard. To order additional hubs, refer to the hub suffix chart on the accessories page.
- **Prewiring:** Units supplied prewired with test switch and transformers in place. Contact factory if wiring diagram is desired.

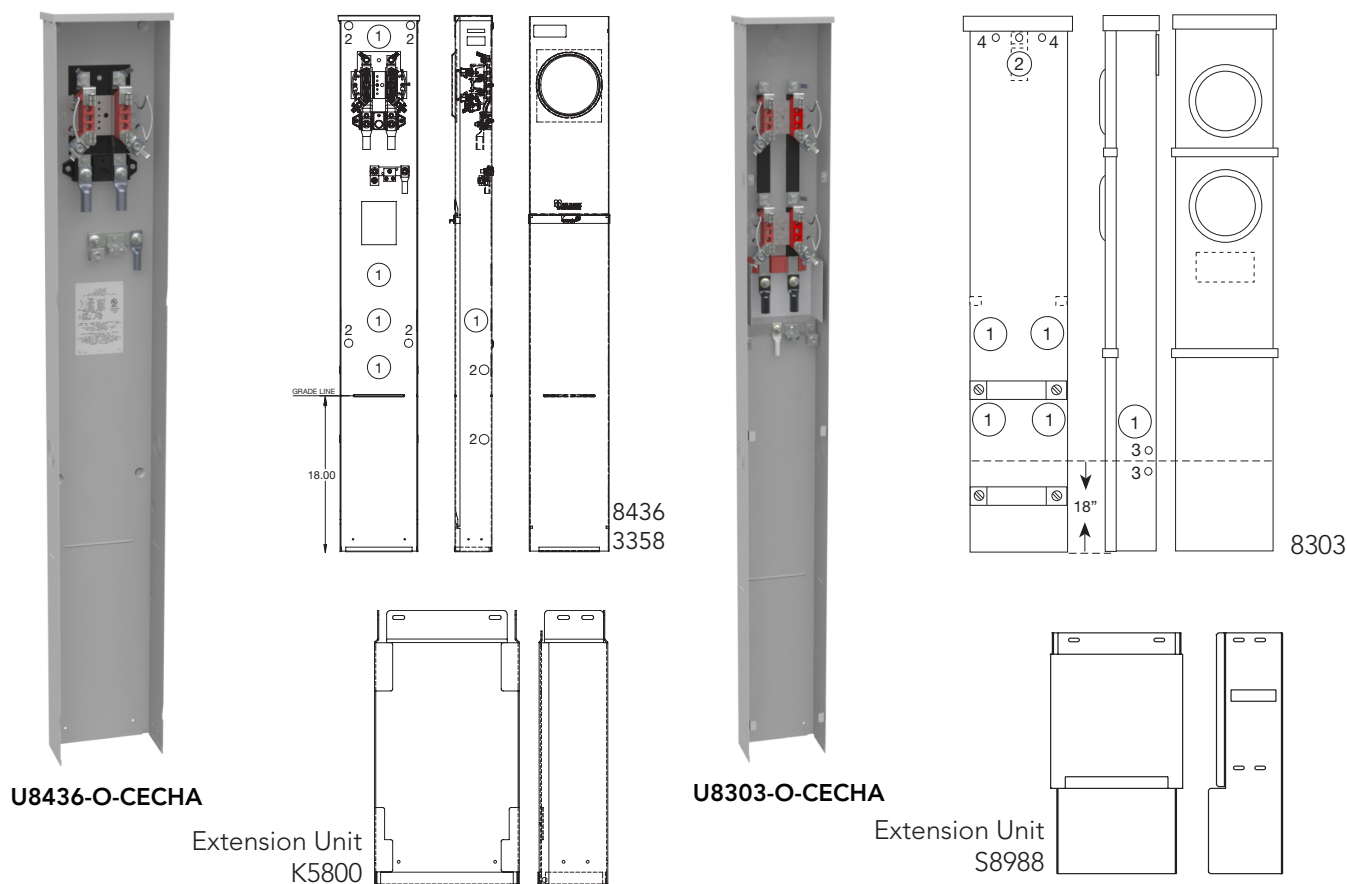


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Residential Pedestals

49

200 Amps | 4 Terminals | Single or Double Position



200 Amps | 4 Terminals | Horn Bypass | UG Service | Ringless | 1Ø3W

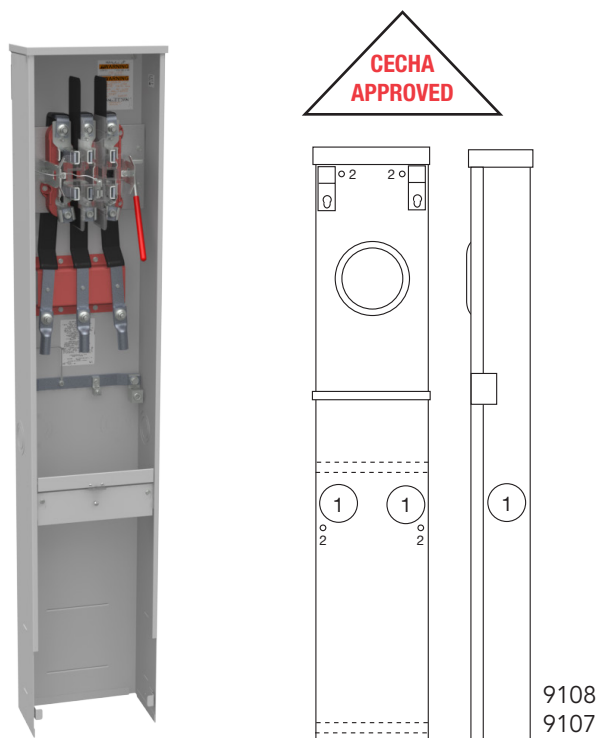
Catalog Number	Hub	Number of Pos.	Connectors CU/AL		Dimensions			Knockouts			
			Line	Load	D"	W"	H"	1	2	3	4
U3358-O-KK	Blank	Single	#6-350	#6-350	4 $\frac{1}{8}$	9	62	2	$\frac{1}{4}, \frac{1}{2}$	—	—
U8436-O-CECHA*	Blank	Single	4/0 (Line) 2/0 (Neutral)	#6-350	4 $\frac{1}{8}$	9	62	2	$\frac{1}{4}, \frac{1}{2}$	—	—
U8303-O-CECHA*	Blank	Double	4/0 (Line) 2/0 (Neutral)	#6-350	4 $\frac{1}{2}$	8 $\frac{3}{16}$	74	2 $\frac{1}{2}$	1 $\frac{3}{4}$	$\frac{1}{4}, \frac{1}{2}$	$\frac{5}{16}$

Notes

- **Hanging Hook:** Supplied with keyhole hanger for easy mounting.
 - **Extension Unit:** For **U8436**, order extension unit **K5800** for 15-inch burial applications and two **K5800** units for 30-inch burial applications. For **U8303**, order extension kit **S8988** for 24-inch burial applications.
 - **Fifth terminal:** For field-installable Fifth terminal, order catalog number **K5T**.
- *U8436 and U8303 come with compression lugs.

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U9107-O-CECHA

100-200 Amps | 5-7 Terminals | Lever Bypass | Ringless

Catalog Number	Terminals	Service	Hub	Phase	Connectors CU/AL		Dimensions			Knockouts	
					Line	Load	D"	W"	H"	1	2
U9108-O-CECHA*	5	UG	Blank	1Ø3W or 3Ø3W	3/0-4/0	#6-350	6	11	58	2½	5/16
U9108-O-WI	5	UG	Blank	1Ø3W or 3Ø3W	3/0-4/0	#6-350	6	11	58	2½	5/16
U9107-O-CEHCA*	7	UG	Blank	3Ø4W	3/0-4/0	#6-350	6	11	58	2½	5/16
U9107-O-WI	7	UG	Blank	3Ø4W	3/0-4/0	#6-350	6	11	58	2½	5/16

Notes

- **Bypass:** The lever operates bypass device and supplies clamping action to meter spades.
- **Neutral Disconnect:** The **U9108** has a manual neutral disconnect bolt.
- **Direct Burial:** For freestanding use, order separate burial kit **S3488**.
- **Fifth terminal:** **U9108** includes factory-installed Fifth terminal at 6 o'clock.

*Compression lugs included on CECHA versions.

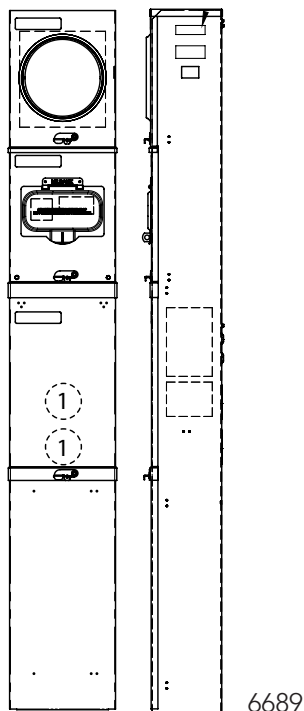


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Meter Mains Pedestals

51

100-200 Amps | 4 Terminals | Ringless



100-200 Amps | 4 Terminals | Ringless | UG

Catalog Number	Hub	Bypass	Connectors CU/AL		Dimensions			Knockouts
			Line	Load	D"	W"	H"	1
U6689-O-100-KK	Blank	Horn	#6-350	#6-1/0	6	9	79	2½
U6689-O-100-KK-LP	Blank	Horn	#6-350	#6-1/0	6	9	70	2½
U6689-O-200-KK	Blank	Horn	#6-350	1/0-300	6	9	79	2½
U6689-O-200-KK-LP	Blank	Horn	#6-350	1/0-300	6	9	79	2½

Notes

- **Branch Circuit Breakers:** Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (Milbank, GE, Siemens, Cutler-Hammer, Murray).
- **Fifth terminal:** For field-installable Fifth terminal, order kit **K5T**. Mounts in 9 o'clock position only.
- **Bypass:** All pedestals have horn bypass installed for meter testing or replacement without interrupting customer service.
- **Extension Kit:** Available for low profile (-LP) units only. Order kit **K4694**.

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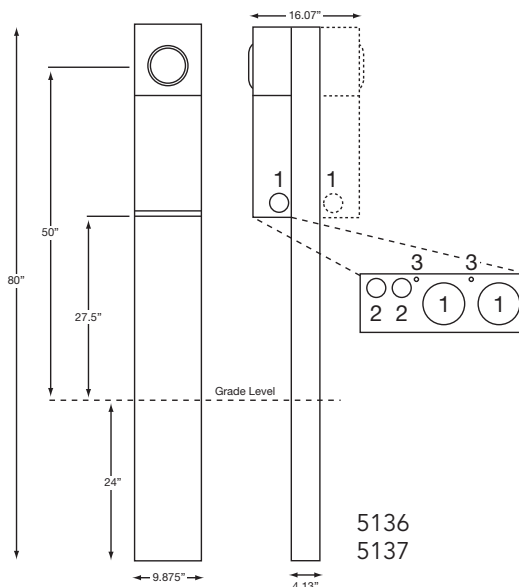
52 Meter Main with Load Center Pedestals

100-200 Amps | 4 Terminals | Ringless



U5136-O-200S

Shown with an optional
3 position receptacle bridge



5136
5137

100-200 Amps | 4 Terminals | Ringless

Catalog Number	Service	Meter Positions	Bypass	Connectors CU/AL		Knockouts		
				Line	Load	1	2	3
U5136-O-100S	UG	Single	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5136-O-200S	UG	Single	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-100S	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4
U5137-O-200S	UG	Double	Horn	#6-350	CB	2	1/2, 3/4	1/4

Notes

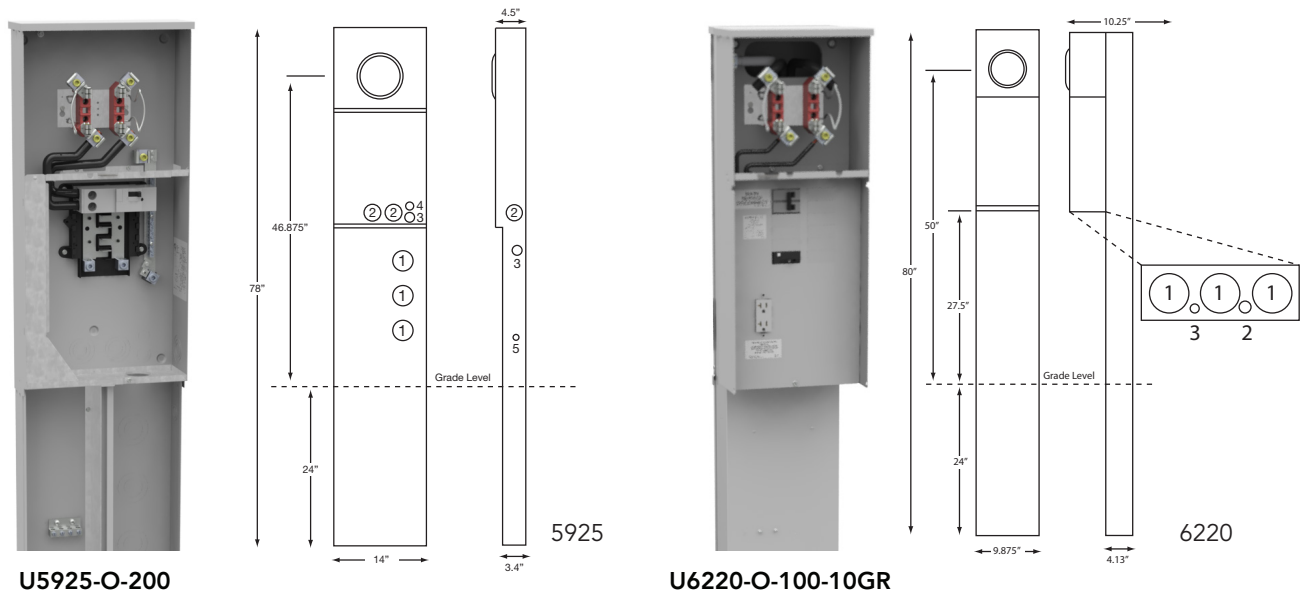
- **NEC 2020 Compliant:** All products listed are NEC 2020 compliant.
- **Fifth terminal:** For field-installable Fifth terminal, order **K5T**.
- **Stabilizer Foot:** For field-installable stabilizer foot, order **K5415**.
- **Penta Bolt Locking:** For field-installable pedestal fronts penta bolt locking, order **K5039**.
- **Receptacles:** Consult factory for installed receptacle assemblies.



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Meter Main with Load Center Pedestals 53

100-200 Amps | 4 Terminals | Ringless



4 Terminals | All-In-One Pedestal | Ringless

Catalog Number	Service	Bypass	Connectors CU/AL		Circuit Provisions	Knockouts				
			Line	Load		1	2	3	4	5
U5925-O-100	UG	None	#6-350	CB	10	2½	2	1	½, ¾	¼, ½
U5925-O-200	UG	None	#6-350	CB	8	2½	2	1	½, ¾	¼, ½
U6220-O-100-10GR	UG	None	#6-350	CB	9	2	½	¼	—	—
U6220-O-200-10GR	UG	None	#6-350	CB	7	2	½	¼	—	—

Notes

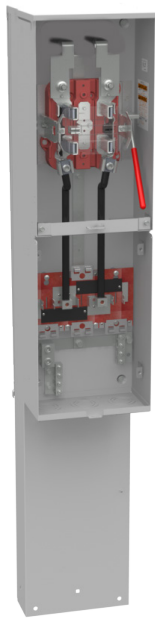
- **NEC 2020 Compliant:** All products listed are NEC 2020 compliant.
- **Fifth terminal:** For field-installed Fifth terminal, order **K5T**.
- **Interlock Kit:** For generator auxiliary circuit breaker interlock for large frame **QN** with small frame **Q** order **K5815**; for larger frame **QN** with larger frame **QN** order **K5820**; for small frame **Q** with small frame **Q** order **K5830**.
- **Branch Circuit Breakers:** Branch interior accepts most manufacturers' small frame plug-in type circuit breakers (GE, Siemens, Cutler-Hammer, Murray).
- **Note:** Ten additional one-pole spaces for 100 Amps version and eight additional one-pole spaces for 200 Amps version.
- **Meter:** Ring type available. Consult factory.
- **Horn Bypass:** For horn bypass, add **-KK** suffix to the catalog number.

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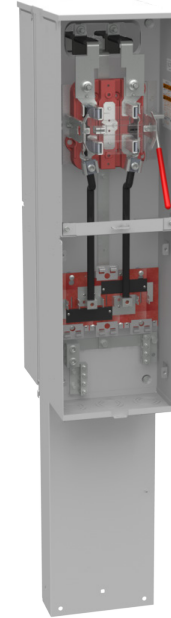
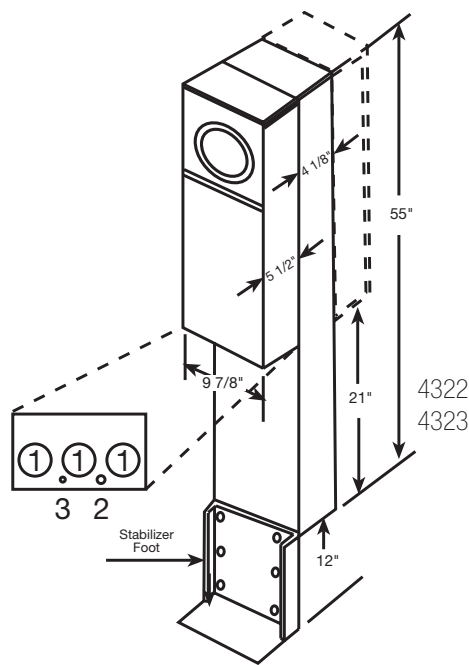


54 Meter Main with Load Center Pedestals

100-200 Amps | 5 Terminals | Ringless



U4322-O-5T9



U4323-O-5T9

100-200 Amps | 5 Terminals | Lever Bypass | Ringless

Catalog Number	Meter Positions	Mounting Type	Twin Line Connectors CU/AL	Bypass	Circuit Provisions	Knockouts		
						1	2	3
U4322-O-200MB-5T9	Single	Post	#6-350	#6-350	Lever	6	2	1/2
U4323-O-200MB-5T9	Double	Post	#6-350	#6-350	Lever	6	2	1/4

Notes

- **Lever Bypass:** Lever provides clamping action on meter spades and also operates bypass device.
- **Applications:** The **U4322** and **U4323** are suitable for use as service equipment or mobile home service equipment. For direct burial applications, **K5081 / K3188** are included with units. For pad-mount applications, order as extra **K5151**.
- Pedestals shown come with 200 Amps series wired main breakers.

Breaker Chart

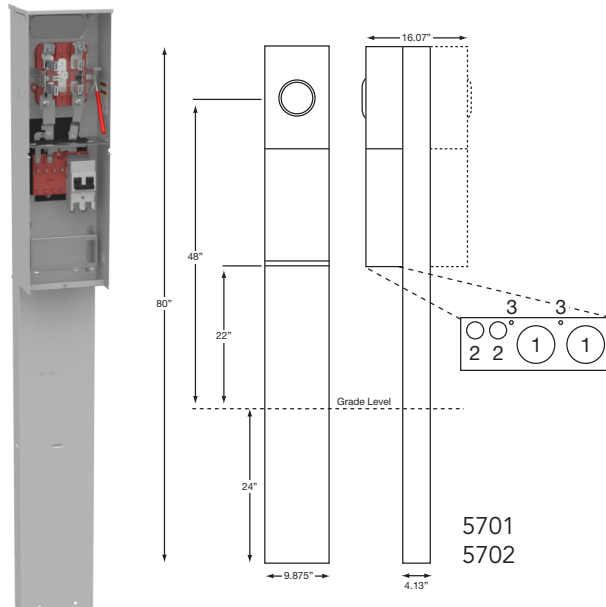
Manufacturer	125-200 Amps	125 Amps or Less
Cutler-Hammer	BR, BJ	Quicklag P, BD, BQ, BR
Siemens	QN	QP, QT
Siemens/Murray	MP	MP, MH
GE	Q Line	Q Line
Square D	—	Homeline



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Meter Main with Load Center Pedestals 55

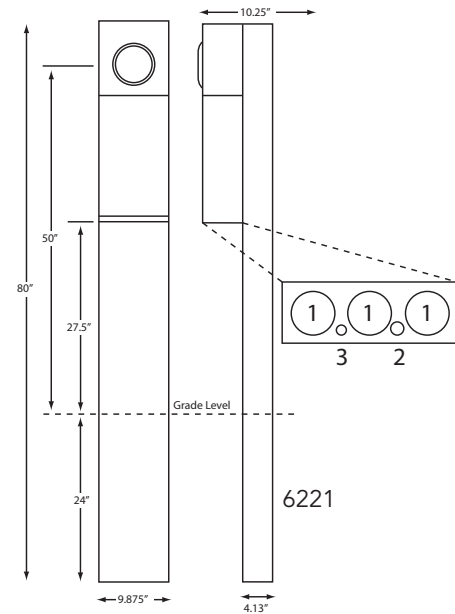
200 Amps | 4 Terminals | Ringless | *NEC 2020 Compliant*



U5701-O-5T9



U6221-O-200-10GR



6221

200 Amps | 4 Terminals | Lever Bypass | Ringless

Catalog Number	Service	Meter Positions	Connectors CU/AL		Bypass	Circuit Provisions	Knockouts		
			Line	Load			1	2	3
U5701-O-100S	UG	Single	#6-350	CB	Lever	4	2	1/2, 3/4	1/4
U5701-O-200S	UG	Single	#6-350	CB	Lever	4	2	1/2, 3/4	1/4
U5702-O-100S	UG	Double	#6-350	CB	Lever	4	2	1/2, 3/4	1/4
U5702-O-200S	UG	Double	#6-350	CB	Lever	4	2	1/2, 3/4	1/4
U6221-O-100-10GR†	UG	Single	#6-350	CB	Lever	10	2	1/2	1/4
U6221-O-200-10GR†	UG	Single	#6-350	CB	Lever	8	2	1/2	1/4

Notes

- **NEC 2020 Compliant:** Products are NEC 2020 compliant.
- **Parallel to Series Conversion:** For the **U5701** and **U5702** without main breakers, to field convert from parallel wired to series wired, order **K5194**.
- **Fifth terminal:** For field-installable Fifth terminal, order **K3865**.
- **Stabilizer Foot:** For fieldinstallable stabilizer foot, order **K5415**.
- **Receptacles:** Consult factory for installed receptacle assemblies.
- **AIC Rating:** All models are rated 22K AIC.

†These units have 20 Amps GFI receptacle installed from factory.

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Metered Pedestals

Receptacles, Circuit Breaker Kits and Accessories

Receptacles and Small Circuit Breaker Accessories

Catalog Number	Description
K5400-BRIDGE-2POS	Self-grounded two-position receptacle bridge with hardware
K5415	Stabilizer foot with hardware
K5T	Fifth terminal for 208Y / 120V 3-wire service
K5193	Bus kit to convert series wired main breaker to parallel
K5194	Wire kit to convert parallel wired main breaker to series
K5039	Penta bolt utility cover
Z708080-MO	20 Amps duplex GFI receptacle, NEMA type 520
Z701776-MO	30 Amps receptacle, NEMA type TT30R
Z708767-MO	50 Amps receptacle, NEMA type 14-50R
Q120	20 Amps 1P circuit breaker
Q130	30 Amps 1P circuit breaker
Q250	50 Amps 2P circuit breaker
K5935-10GR	Receptacle plate; 10, 10GR configurations
K5935-11GR	Receptacle plate; 11GR configuration
K5935-36GR	Receptacle plate; 36GR, 36GBGR configurations
K5935-41	Receptacle plate; 41, 55, 55GB, 55GBGR configurations
K5935-54	Receptacle plate; 54 configuration
K5935-2/1450	Receptacle plate; 2/1450 configuration
Z819294-SC	U5136, U5701 deadfront with opening for two receptacles - MH product
Z1148210	U5136, U5701 deadfront with opening for three receptacles

Notes

- Accessories for U5136, U5137, U5701 and U5702 only.

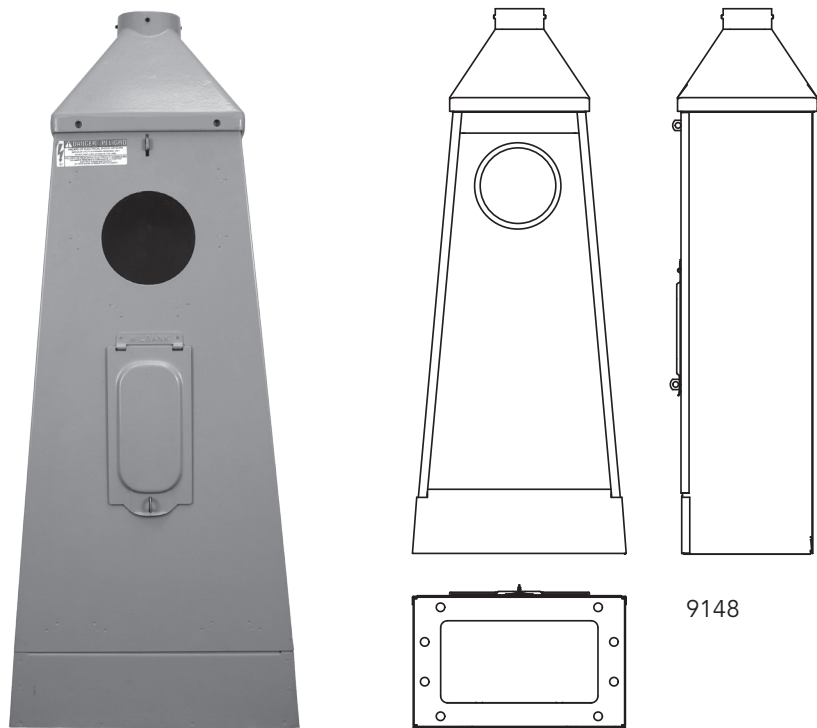


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Curbside Meter Pedestal

200 Amps | 4 Terminals | Ringless

57



S9148-200

200 Amps | 4 Terminals | Ringless

Catalog Number	Amps	Terminals	Connectors CU/AL Line and Load	Dimensions		
				D"	W"	H"
S9148-200	200	4	1/0-350 (3)	9½	15⅜	33

Notes

- **Post Size:** Accepts 3-inch diameter conduit.
- **Lever Bypass:** Available upon request.

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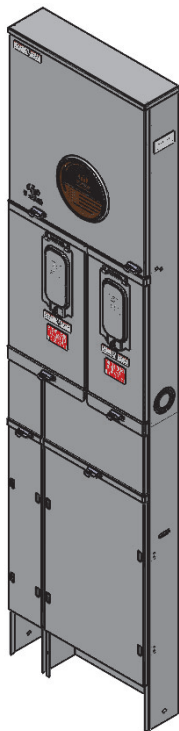
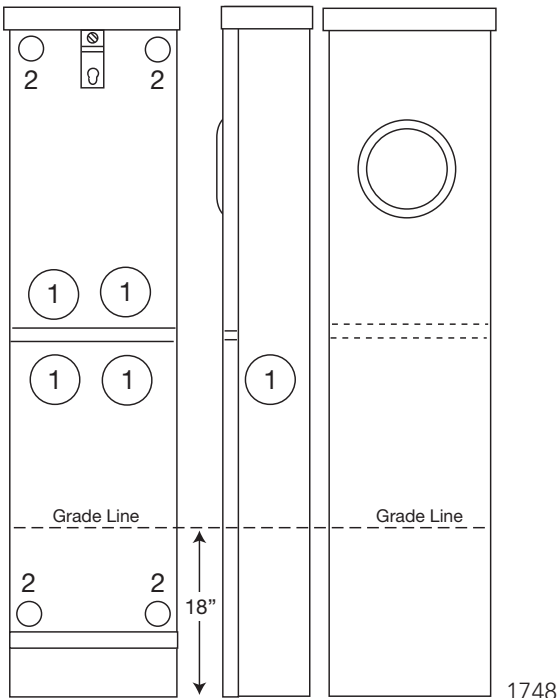
58

Lever Bypass Residential Pedestal

320 Amps Continuous | 400 Amps Max | 4 Terminals



U1748-O



U6318-O-2/200-K3L

320 Amps | 4 Terminals | Lever Bypass | without Breakers | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts	
			Line	Load	D"	W"	H"	1	2
U1748-O	UG	None	3⁄8" x 16 Studs	Twin #6-350	4⁷⁄₈	13	64	2½	5⁄₁₆

Notes

- **Bypass:** The lever supplies clamping action on the meter spade and also operates the bypass device.
- **Fifth terminal:** For field-installable Fifth terminal, order kit **K3865**.
- **Pedestal Extension Kit:** If extension kit is required, order as extra kit **S1848**.

320 Amps | 4 Terminals | Lever Bypass | with Breakers | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Dimensions			Knockouts	
			Line	Load	D"	W"	H"	1	2
U6318-O-2/200-K3L	UG	None	3⁄8" x 16 Studs	CB #1-300 kcmil	4⁷⁄₈	13	58	2½	5⁄₁₆

Notes

- **Breakers:** The **U6318** is furnished with two, 200 Amps Milbank type **UQFBH-200** 22K AIC circuit breakers.
- **Bypass:** The lever supplies clamping action on the meter spade and also operates the bypass device.
- **Fifth terminal:** For field-installable Fifth terminal, order kit **K3865**.

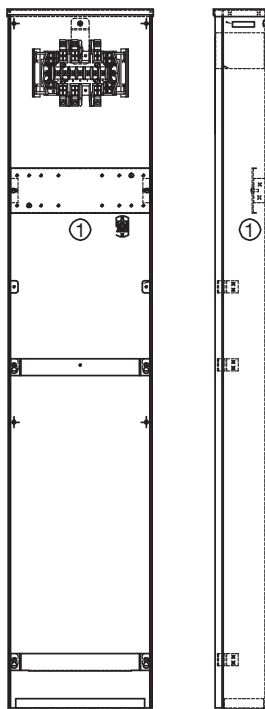


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Instrument Rated Pedestal

20 Amps | 13 Terminals | with Test Switch Provision

59



S4084-O

Ringless | OH/UG | with Test Switch Provision*

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts
						D"	W"	H"	1
S4084-O	13	Blank	6, 8, 9 and (ALT) 10S	#14 - #4 Max	None	4 $\frac{1}{8}$	12	58	1 $\frac{1}{4}$

Notes

*Contact Manufacturer's Rep for details.

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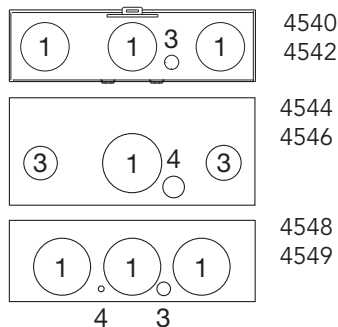
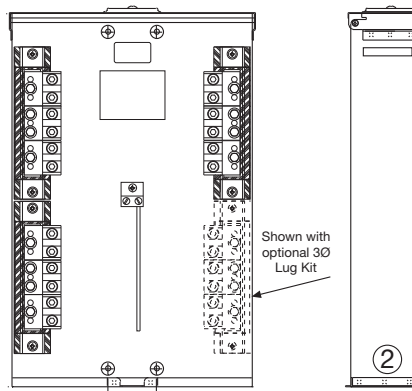


Terminals Boxes

100, 200 and 400 Amps



U4540-XL



100-400 Amps | C.P. Hub | 1Ø and 3Ø | 600V

Catalog Number	Amps	Connectors CU/AL	Phase	1Ø to 3Ø Kit	Dimensions			Knockouts			
					D"	W"	H"	1	2	3	4
U4544-XL	100	(6) #12-1/0	1	K4543	4 $\frac{1}{8}$	9 $\frac{13}{16}$	18	2	1	$\frac{1}{4}, \frac{1}{2}$	—
U4546-XL	100	(6) #12-1/0	3	N/A	4 $\frac{1}{8}$	9 $\frac{13}{16}$	18	2	1	$\frac{1}{4}, \frac{1}{2}$	—
U4540-XL	200	(6) #6-350	1	K4539	4 $\frac{1}{8}$	14 $\frac{13}{16}$	23	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
U4542-XL	200	(6) #6-350	3	N/A	4 $\frac{1}{8}$	14 $\frac{13}{16}$	23	2 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{1}{4}, \frac{1}{2}$
U4548-RXL	400	(3) #6-350 or (2) #4-600	1	K4547	5	15 $\frac{1}{2}$	27	3	3	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$
U4549-RXL	400	(3) #6-350 or (2) #4-600	3	N/A	5	15 $\frac{1}{2}$	27	3	3	$\frac{1}{4}, \frac{1}{2}$	$\frac{1}{4}$

Notes

- **Hub:** Standard hub opening on top with closing plate attached.
- **Features:** UL-listed padlockable NEMA 3R enclosure.
- **3Ø 120/240V Application:** Field-installable 3Ø lug kit converts 1Ø unit to 3Ø unit (consult factory).



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Multi-Position Tap Box

Three Phase

61



Features

- **Painted Aluminum Construction:** Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder coat paint finish helps prevent corrosion.
- **Capable of Wall- or Pad-mounting:** Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- **Smaller Footprint:** The UAP6094 model has a more compact footprint compared with the leading competitor.
- **Multi-port Ground Lugs**
- **Optional Penta Bolt Secured Handle:** Enclosure handle includes a penta bolt locking mechanism for enhanced protection (see photos below). Does not come standard.



Optional (not standard)

Common Applications



Apartment Buildings



Strip Malls



Housing Developments

Catalog Number	Phase	Position Lugs	Maximum Wire Size	Maximum Amperage	Dimensions		
					D"	W"	H"
UAP6094-O	3	16	500 kcmil	3000 Amps	16	25 $\frac{5}{8}$	43
UAP6095-O	3	22	500 kcmil	4000 Amps	16	32 $\frac{3}{8}$	43
UAP6096-O	3	14	750 kcmil	3300 Amps	16	25 $\frac{1}{2}$	51

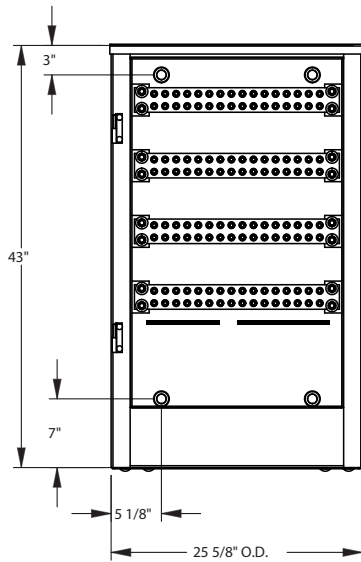
Stainless steel pad-mount spacing brackets included.

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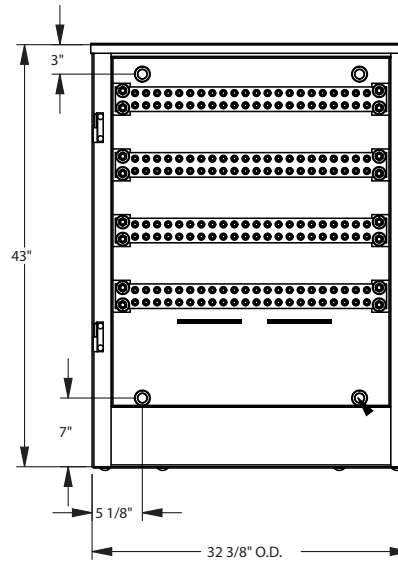


Multi-Position Tap Box

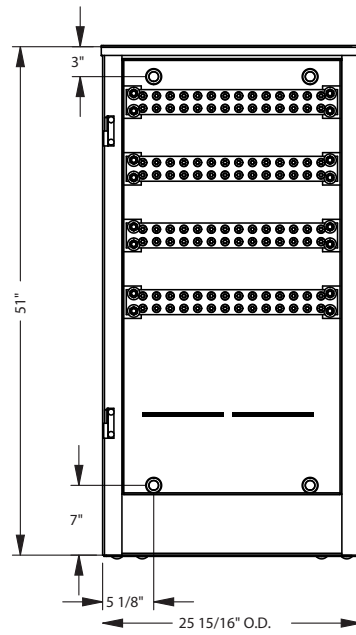
Line Drawings



6094



6095



6096



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Enclosed Controls

63

Attractive | Easy-to-Install | Secure | Cost-Effective

Milbank enclosed controls are an alternative to unsightly and inefficient strut and backboard structures. Enclosed controls are an attractive, secure, easy-to-install and cost-effective solution for underground remote site power distribution. Cabinets are weather-resistant enclosures that can be crafted to suit any environment with various mounting options. Each individual unit features a utility pull section with an optional meter socket and a separate customer section with distribution and control equipment.



Strut and Backboard

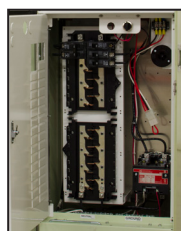
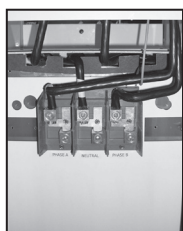


Commercial Pedestal

UL-Listed as Industrial Control Equipment (File E113855)

Standard Features

- NEMA Type 3R rain-resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available).
- UL-listed as enclosed industrial control equipment (UL508A).
- Isolated lockable and sealable utility metering and lug landing sections.
- Lockable customer section for distribution and control equipment with internal deadfront.
- Print pocket inside customer section door contains wiring schematics and installation instructions.
- Load centers are UL-listed for use with various manufacturers' circuit breakers.
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws).



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Applications

These units are ideal for controlling and metering:

- Traffic signals and street lighting for municipalities.
- Power distribution for electric vehicle charging stations.
- Communication equipment such as cell towers and telephone vaults.
- Event power for fairs, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances.

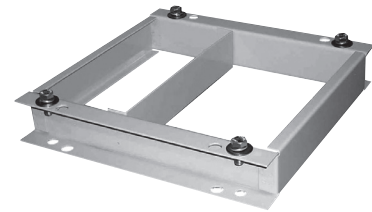
Available Factory-Installed Options

- Meter sockets: ring type or ringless, up to 400 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panelboards
- Clocks, timers and relays
- Photoelectric cells and controls
- Various power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: lighting, definite purpose, motor starters
- Surge protection and lightning arresters
- Generator inlets with interlocked breakers
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and Terminals blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers

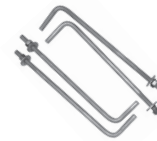
Options

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

Accessories



Pad-mount bases available for all pedestal sizes, inquire with your representative for details.



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



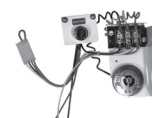
105J
Fifth Terminals kit for use with ring type meter sockets



K3865
Fifth Terminals kit for use with ringless meter sockets



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



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



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Enclosed Controls

65

Main Load Center Commercial Pedestals | 1Ø3-wire 120/240V or 208Y/120V

Application: Remote site service for multiple loads

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

- All units feature a load center with a plug-on, back-fed main breaker.
- Standard units are equipped with with a 16 circuit load center in the 100 Amps or 24 circuit load center in 200 Amps models.
- Sub-feed lugs to allow feeding an external panel.

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

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for “always on” loads that include a main circuit breaker, 20 (125 or 200 Amps model) or 14 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



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Switched Load Center Commercial Pedestals

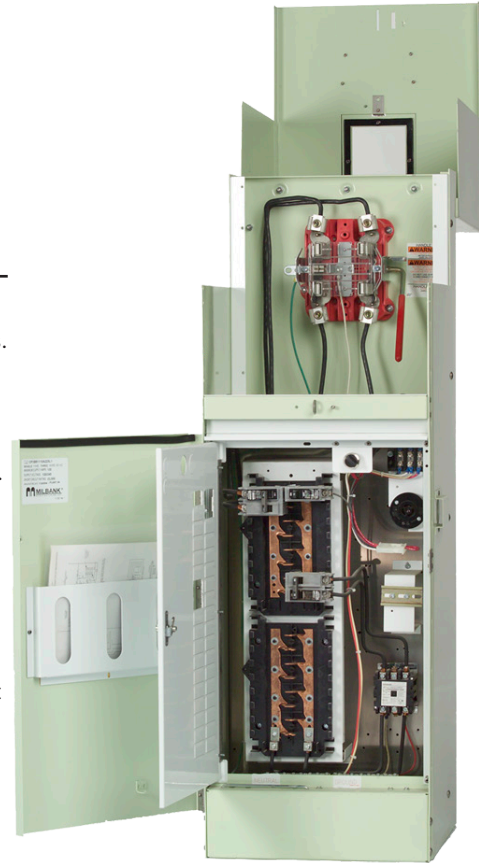
1Ø3-wire 120/240V or 208Y/120V

Designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals 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 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.

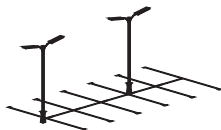


Ringless Lever Bypass shown

Applications



Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



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Enclosed Controls

400 Amps Commercial Pedestals

67



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 including:

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

Features

These units include everything required for remote service:

- Main circuit breaker or dual service disconnects.
- Expandable: load center units that allow for future expansion without costly modifications.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section with lug termination.
- Separate sealable and lockable metering section.
- 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.

Applications



Commercial Job Sites



Remote Site for
Residential and
Commercial Job Sites

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Surface-Mount Enclosed Controls

Originally developed for small cellular communications, the surfacemount enclosed control offers the flexibility of larger enclosed controls products with a smaller footprint and several mounting options.

Features

- Mounting options allow for easy installation.
- Overhead and underground entry and exit, all in one unit.
- Meter and components in one enclosure.
- Custom component configurations and UL-listing covers all internal components on the UL508A and UL891.
- Can be mounted on multiple surfaces including:
 - walls.
 - poles (narrow profile will have minimal extension past sides).
 - H frames (strut).
- Multiple bypass options available.
- Monitoring options available.
- Optional powder coating in Milbank standard EC color or custom color.



Benefits

- Smaller footprint
- Flood resistant
- Eliminates need for connecting components
 - Wire in - Wire Out

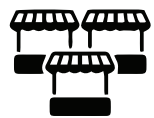
Applications



Communications
Power Distribution



Lighting
Control



Streetscape
Power Distribution



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This product is specifically designed to provide battery backup power to a variety of loads and to conditionally switch specific loads on and off. It can use a photoelectric cell or time clock to control lighting circuits. Battery backup pedestals have options for both metered and unmetered power distribution. These pedestals are highly versatile and can handle the vast majority of today's backup power requirements. Its 19" rack design allows for easy adjustment of shelves to accommodate batteries, DC to AC inverters, transfer switches and other related equipment.

Features

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

Note

- May require customization based on regional requirements.

Applications



Camera and Security Locations



Parking Lots



Traffic Signals



Communications Power Distribution

Options

- | | | |
|--|--|---|
| <ul style="list-style-type: none"> • Manual bypass switch • Transfer switch for generator power backup • Generator inlet receptacles 30 Amps through 200 Amps • Pad-lockable provision for receptacles | <ul style="list-style-type: none"> • Police access door • Metered load center distribution • Unmetered load center distribution • Photo electric controls (for street lighting) • Time clocks • HOA switches | <ul style="list-style-type: none"> • Contactors • GFCI duplex receptacles • Thermostat for heating control • Heating pads or elements • Roll out shelves for batteries • Surge arresters and lighting arresters |
|--|--|---|

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Power transfer commercial pedestals provide metered or unmetered AC power, distribution, surge suppression, mechanical interlock and standby generator receptacles — in one compact pedestal.

Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- Choice of EUSERC ring type or ringless meter sockets
- 60 Amps through 400 Amps ratings
- Pad-lockable, isolated utility compartments
- 20 Amps GFCI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available

Note

- May require customization based on regional requirements.



Applications



Traffic Signals



Pump and Lift
Stations



Communications
Power Distribution



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Enclosed Controls

CT Metered Commercial Pedestals

71



Designed to be used where a smaller service package would be a better choice over larger switchgear equipment. These pedestals have amperage ratings of 400 to 800 Amps at voltages up through 480V three phase.

Features

- Available configurations up to 800 Amps.
- All utility equipment is isolated in separate padlockable and sealable compartments.
- Separate customer compartment designed to hold distribution and control equipment.
- Deadfront customer construction for enhanced safety measures.
- A mounting base option for various applications.
- Optional construction in steel, aluminum and stainless steel.

Note

- May require customization based on regional requirements.

Applications



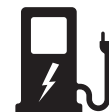
Commercial and
Industrial Control
Systems



Pump and Lift
Stations



Water Treatment
Plants



Electric Vehicle
Charging Stations

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Enclosed Controls

Slimline Commercial Pedestals



Provides a sleeker, smaller footprint with wireway access on the side of the unit, rather than the back. This allows maximum flexibility to install the pedestal anywhere physical space is at a premium.

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

Features

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



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



Notes

- May require customization based on regional requirements.
- Direct bury pedestals are only available for 12" pedestals. Constructed with 14-gauge steel.



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Circuit Breakers

73

UQFP Plug-In and UQFB Bolt-On Series | 120/240V



UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFB-X



UQFB

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

Amps	10K AIC Plug-In	22K AIC Plug-In	10K AIC Plug-In	22K AIC Plug-In	Wire Range	
					CU	AL
100	UQFP-100	UQFPH-100	UQFP-M-100	UQFPH-M-100	#3-#1	#1-1/0
125	UQFP-125	UQFPH-125	UQFP-M-125	UQFPH-M-125	#3-#1	#1-1/0
150	UQFP-150	UQFPH-150	UQFP-M-150	UQFPH-M-150	1/0-300	2/0-300
175	UQFP-175	UQFPH-175	UQFP-M-175	UQFPH-M-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

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

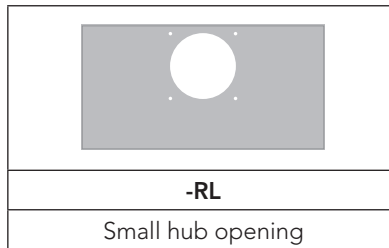
Amps	10K AIC Bolt-On	22K AIC Bolt-On	10K AIC Bolt-On	22K AIC Bolt-On	Wire Range	
					CU	AL
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1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



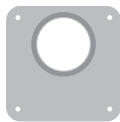
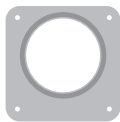
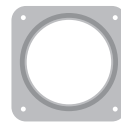

Notes

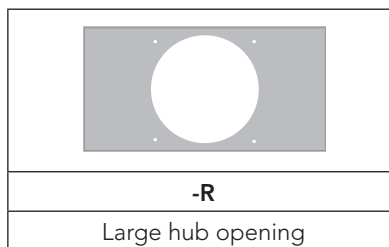
- **UL-listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications Split load tab features allow for feed-through capability.
- **UQFB:** (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).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

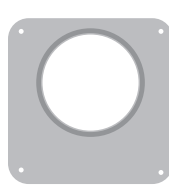
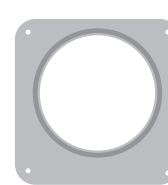
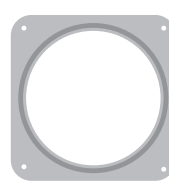
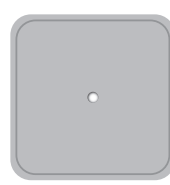
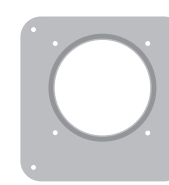
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-WL	A7514	-YL	A7515	-ZL	A7516	-DL	A7517	-EL	A7518	-XL	A7551
1" hub		1¼" hub		1½" hub		2" hub		2½" hub		Small closing plate	



									
-F	A8110	-G	A8111	H	A8112	-X	A9064	-RRL	S8324
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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Accessories

Connector Kits, Closing Kits and Sealing Rings

75

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

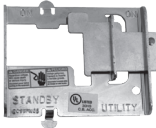
Bypass Link



Closing Covers

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

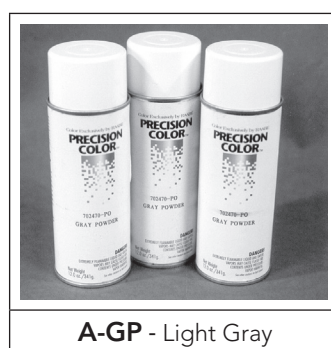
Generator Interlock


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

Sealing Rings

	
MR-2 - Snap Action	MR-4 - Screw Type (Stainless Steel)
MR2-SS - Stainless Steel	

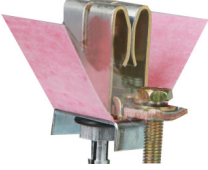
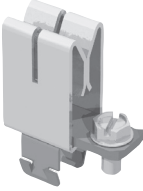

Touch-Up Paint



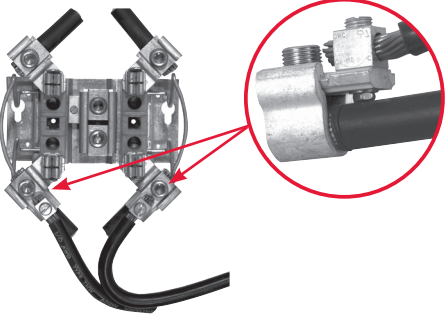
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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



Fifth Terminals

		
5T8K2 - 100-200 Amps "Plug-In"	K5T - 200 Amps (Block with Square Hole)	K3865 - Heavy Duty Jaw Clamping (K3866 without Neutral Wire)

Tap Connectors (3 per set)

	Replaces the load or line side slide-in nut assembly on Milbank 200 Amps sockets. Allows for a 100 Amps tap location in addition to the #6-350 kcmil load-side connector. K5022 includes safety barrier extensions for applications over 300V. Three lugs per kit.
K4977-INT - Internal Hex	
K4977-EXT - External Hex	
K5022-INT - Internal Hex (set of 4 w/ barrier)	

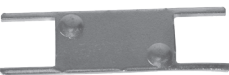
Triplex Ground


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

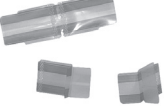
Isolated Neutral Kit


K1047*

Anti-Inversion Clip


K4802

Disconnect Sleeve


M5-144

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



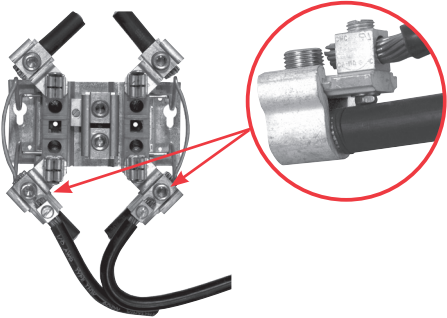
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Accessories

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Tap Connectors and Block Assemblies


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 Amps tap location in addition to the #6-350 kcmil load-side connector. K5022 includes safety barrier extensions for applications over 300 VAC. Three lugs per kit.</p>
K4977-INT - Internal Hex	
K4977-EXT - External Hex	
K5022-INT - Internal Hex (set of 4 w/ barrier)	


Pedestal Extension Units

Catalog Number	D"	W"	H"
S8988	4½	8¾	15
S3488	6	11	15
S2571	4⅞	10	12
S1848	4⅞	13	15
K4694	6	9	24
K5800	4⅞	9	15

100 Amps Blocks *(single sockets only)*


BL7474 - Block Assembly
BL7499 - Horn Bypass Block Assembly
Z904486-AO - Slotted Nut Assembly
Z903274-AO - Horn Bypass Nut Assembly
Z802965-AC - Neutral without Nut
Z901925-AC - Hex Nut Set Screw

200 Amps Blocks *(single sockets only)*


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

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NEMA Commercial Enclosures

Milbank's line of commercial enclosures includes the full gamut of styles and sizes; everything from junction boxes to transformer cabinets, telephone cabinets to wireway.

Type 1 Enclosures

Milbank's Type 1 enclosures are designed for indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects, such as falling dirt.

NEMA 3R Enclosures

Milbank's NEMA 3R enclosures are designed for either indoor or outdoor use to provide a degree of protection from harmful effects on the equipment due to the ingress of water (rain, sleet, snow) and that will be undamaged by the external formation of ice on the enclosure.

Wireway

Milbank's wide range of wireway is available in many styles and sizes and its wide range of fittings allows it to smoothly transition to and from competitors' products.



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Conduit, Ampacity and SCCR

Reference Information

79

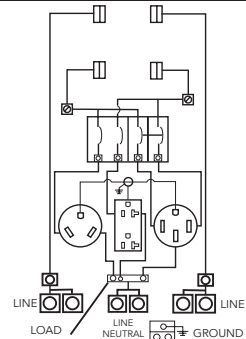
MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

Type	Conductor Size (AWG/kcmil)	Conduit Trade Sizes (Inches)									
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
THHN, THWN, THWN-2	12	9	16	26	46	62	102	146	225	301	387
	10	6	10	17	29	39	64	92	142	189	244
	8	3	6	9	16	22	37	53	82	109	140
	6	2	4	4	12	16	27	38	59	79	101
	4	1	2	4	7	10	16	23	36	48	62
	3	1	1	3	6	8	14	20	31	41	53
	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
XHH, XHHW, XHHW-2	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
	2/0	0	1	1	2	3	6	9	13	18	23
	4/0	0	1	1	1	2	4	6	9	12	16
	250	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	3	6	7	10
	500	0	0	0	1	1	1	2	4	5	7
	750	0	0	0	0	1	1	1	3	4	5

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

SAMPLE RATING LABEL

CATALOG NUMBERS U5952 & U5953 100A MAXIMUM, 120/240 VAC SINGLE PHASE, THREE WIRE RAINFROOF NEMA TYPE 3R	
SHORT CIRCUIT CURRENT RATING IS 10,000 RMS SYMMETRICAL AMPERE AT 240 VAC MAXIMUM, BUT IS LIMITED TO THE LOWEST SHORT CIRCUIT CURRENT RATING OF ANY INSTALLED CIRCUIT BREAKER. WATTHOUR METER NOT INCLUDED IN SHORT CIRCUIT CURRENT RATING. REPLACEMENT CIRCUIT BREAKER MUST BE THE SAME TYPE AND RATING. USE SIEMENS QP, QT; CUTLER-HAMMER QP, BD, BR; SQUARE D HOMELINE; G.E. TQ, THQ, THQL.	
	SUITABLE FOR USE AS RECREATIONAL VEHICLE SITE SUPPLY EQUIPMENT
	UNDERGROUND FEED ONLY
	ON TRIP OFF TO RESET BREAKER MOVE TO "OFF" THEN TO "ON"
	DANGER HAZARD OF ELECTRICAL SHOCK OR BURN TURN OFF POWER SUPPLYING THIS EQUIPMENT BEFORE WORKING INSIDE
WIRE TERMINAL INFORMATION USE AL-CU CONDUCTORS	
TERMINAL	WIRE RANGE TORQUE LB-IN
LINE AND LINE NEUTRAL	350 KCMIL - #6 250
GROUND CONNECTOR	2/0 AWG - #14 AWG 120
LOAD NEUTRAL SLOTTED HEAD	(LARGE HOLE) 14 - 10 35 8 40 6 - 4 45 3 - 1/0 50
LOAD NEUTRAL SLOTTED HEAD	(SMALL HOLE) 14 - 10 20 8 25 6 35
SHIPPING TENDS TO LOOSEN BOLTED CONNECTIONS. CHECK AND TIGHTEN ALL HARDWARE BEFORE ENERGIZING UNIT	
SIZE OF FIELD INSTALLED CONDUCTORS SHALL BE 60° OR 75° C SIZED TO 60° RATING FOR 110 AMPS OR LESS AND 75° C SIZED TO 75° FOR 125 AMPS AND ABOVE	

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

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

A = Size: AWG/MCM
*B = Ampere Rating for
Insulation Types:
FEPW, RH, RHW,
THW, THWN, XHHW,
USE, 2W.
**C = Ampere Rating for
Insulation Types:
RH, RHW, THW,
THWN, XHHW, USE
(Per NEC table
310-16)

AMPACITY CORRECTION FACTORS

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

GANG SOCKET OVERALL AMPACITIES

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

Overall Ampere ratings of UL-listed Milbank multiple position meter sockets are based on **2008 NEC Handbook Article 220-84** and **ANSI / UL-414** (except where restricted by line connector size). These requirements provide for a diversity factor / demand factor being utilized in determining the overall (main bus / lug) rating of a gang socket. All Milbank UL-listed gang sockets meet or exceed these diversity factor/ demand and factor requirements. Standard overall Ampacity ratings for UL-listed and non-UL-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**.

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

Some constructions are rated at 400 Amps overall (1252). Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.

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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 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 $\leq 1/8"$	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

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

*American Iron and Steel Institute.

Steel Sheet

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

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

Aluminum Extrusion

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

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

Aluminum Sheet

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

Copper Sheet and 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 and Compliance

Ratings and Compliance

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), Panel boards (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 Panel boards (NEMA PB-1).

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

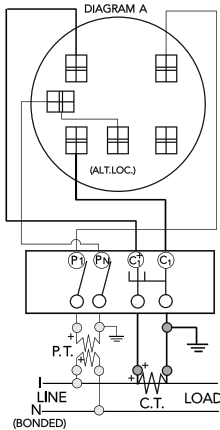


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter (2W1Ø) - Form 3S
5T Socket, Test Switch #TS04-0101

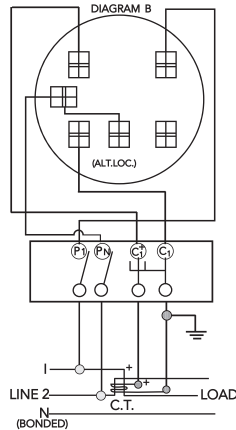


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter (3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

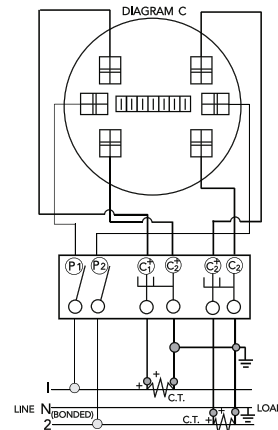


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

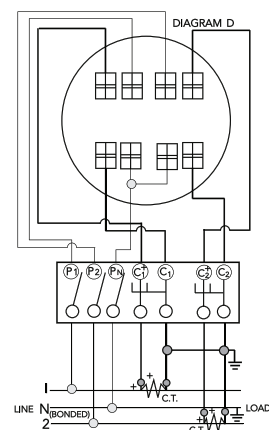


DIAGRAM E
3Ø3W "Δ" with 2 P.T.'s and 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

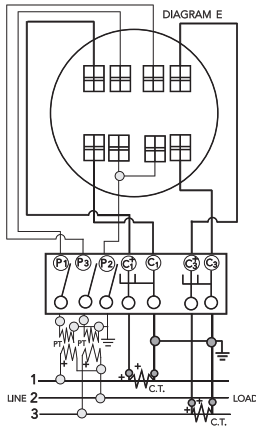


DIAGRAM F
3Ø3W "Δ" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

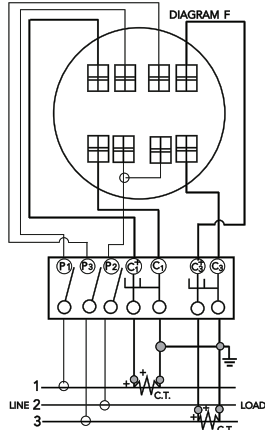


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

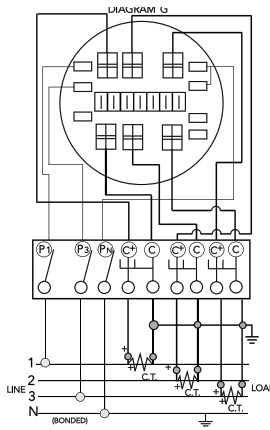


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s and 3 C.T.'s
2 1/2 Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

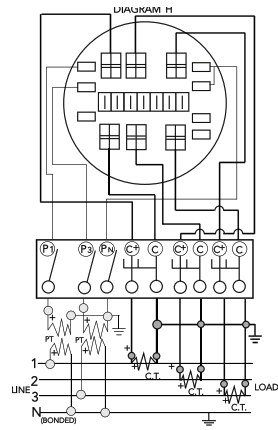


DIAGRAM I
3Ø4W "Y" or "Δ" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"Δ" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

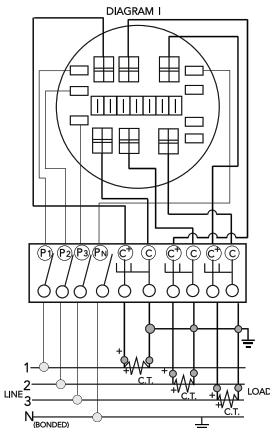
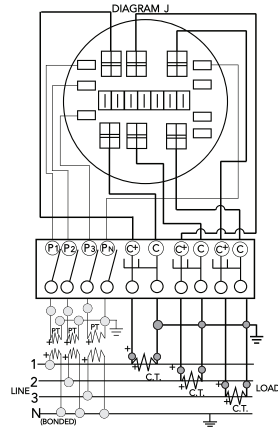


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s and 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109

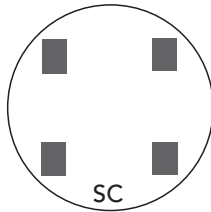


Prewiring

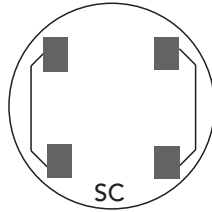
If standard factory prewiring is required, refer to wiring diagrams on this page. Determine appropriate diagram and send a copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch make and catalog number, meter form number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

Watthour Meter Forms

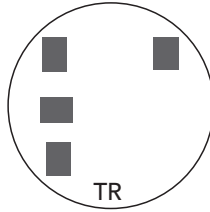
Standard Forms | Transformer Rated or Self-Contained



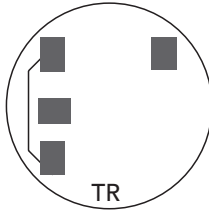
2 and 3-WIRE FORMS
1S & 2S



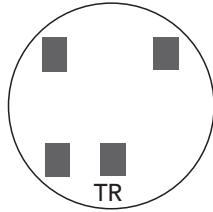
2 and 3-WIRE FORMS
1S & 2S with bypass



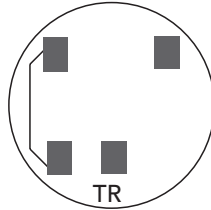
2-WIRE FORM 3S
5th Term. 9 o'clock



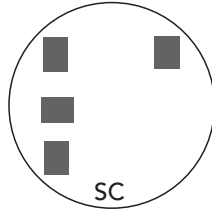
2-WIRE FORM 3S
with bypass



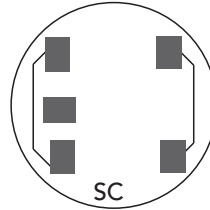
2-WIRE FORM 3S
5th Term. 6 o'clock



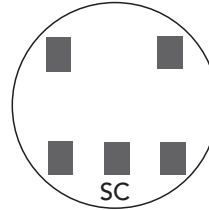
2-WIRE FORMS 3S
with bypass



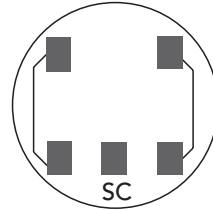
2 ELEMENT 3-WIRE
NETWORK FORM 12S
5th Term. 9 o'clock



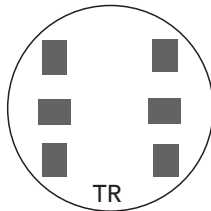
2 ELEMENT 3-WIRE
NETWORK FORM 12S
5th Term. 9 o'clock



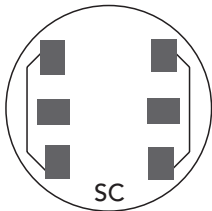
2 ELEMENT 3-WIRE
NETWORK FORM 12S
5th Term. 6 o'clock



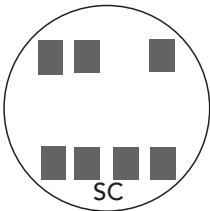
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with bypass
5th Term. 6 o'clock



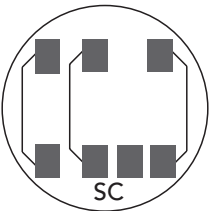
3-WIRE FORMS 4S



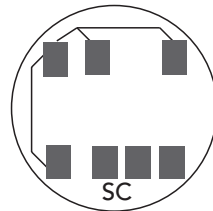
3-WIRE FORM 4S
with bypass



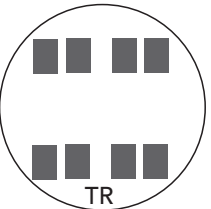
2 or 3 ELEMENT
3Ø4W Y or Δ
Y FORM 14S



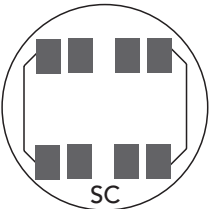
2 or 3 ELEMENT
3Ø4W Y or Δ
with bypass



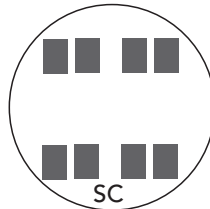
2 ELEMENT 3Ø4W Y or
ΔY FORM 7S Δ FORM 24S
with bypass



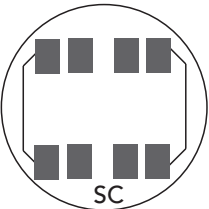
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



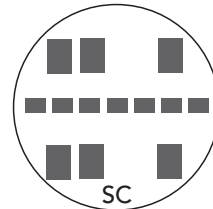
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S with bypass



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S

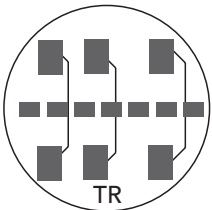


2 or 3 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S with bypass

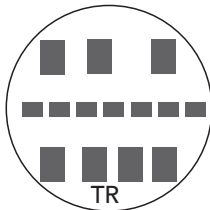


2 or 3 ELEMENT 3Ø4W
Y or ΔY FORM 9S
Δ FORM 8S

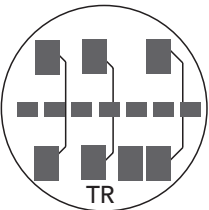
TR= Transformer Rated
SC= Self-Contained



2 or 3 ELEMENT
3Ø3W, Y or Δ
FORM 8S & 9S with bypass



2 ELEMENT
3Ø4W Y
FORM 6S



2 ELEMENT
3Ø4W Y FORM 6S
with bypass

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Symbols	CT364811-HC..... 44	K8180 75
	CT364811-SC 44	
	K	M
5T8K2..... 76	K5T 56, 76	M5-144 76
6002 75	K1047..... 76	MR-2 75
6003 75	K1190..... 76	MR2-SS..... 75
6116 75	K1350..... 75	MR-4..... 75
363010-CT3R..... 43	K1350L..... 75	
363016-CT3R..... 43	K1539..... 75	P
363610-CT3R..... 43	K1540..... 75	PT48AL 44
363612-CT3R..... 43	K1540L..... 75	PT48AR..... 44
363616-CT3R..... 43	K1541..... 75	
483616-CT3R..... 43	K2381..... 76	Q
484812-CT3R..... 43	K3082..... 75	Q120 56
606013-CT3R..... 43	K3083..... 75	Q130 56
	K3441 75	Q250 56
A	K3442 75	
A-36P30..... 43	K3865..... 76	S
A-36P30W..... 43	K3866..... 76	S1890-XT 47
A-36P36..... 43	K4527 77	S1891-XT 47
A-36P36W..... 43	K4528 77	S2674-XT 47
A-48P36..... 43	K4529 77	S2690-XT 47
A-48P36W..... 43	K4530 77	S2777-4X 48
A-48P48..... 43	K4722..... 45	S2811-4X..... 48
A-48P48W..... 43	K4729..... 45	S3831-XT 47
A-60P60..... 43	K4797..... 45	S3912-XT 47
A-60P60W..... 43	K4798..... 45	S4084-O..... 59
A7514..... 74	K4802..... 76	S8324..... 74
A7515..... 74	K4977-EXT..... 77	S9148-200 57
A7516..... 74	K4977-INT..... 77	
A7517..... 74	K5022 77	T
A7518..... 74	K5022-INT 77	TS04-0101 40
A7551 74	K5039 56	TS04-0104 40
A8110..... 74	K5193 56	TS07-0049 40
A8111..... 74	K5194..... 56	TS07-0105 40
A8112..... 74	K5400-BRIDGE-2POS 56	TS07-0106 40
A9064..... 74	K5415..... 56	TS10-0016 40
A-GP..... 76	K5815..... 75	TS10-0109 40
AP6014-O-400-NKO..... 47	K5820..... 75	TS10-0110..... 40
AP6015-O-400-NKO..... 47	K5830..... 75	TS10-0111..... 40
	K5930..... 45	TS10-0112..... 40
B	K5931 45	
BL7474..... 77	K5932..... 45	U
BL7499..... 77	K5933 45	U1079-R..... 14
	K5935-2/1450 56	U1129-O-K3L-K2L..... 14
C	K5935-10GR 56	U1207-RL..... 11
CP-21..... 75	K5935-11GR..... 56	U1211-RXL 11
CT244811-HC..... 44	K5935-36GR..... 56	U1252-X..... 29
CT244811-SC..... 44	K5935-41 56	U1253-X..... 29
CT304811-HC..... 44	K5935-54..... 56	U1254-X..... 29
CT304811-SC..... 44		

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U1255-X.....	29	U4911-X-BL.....	16	U5892-X-2/200.....	24
U1256-X.....	29	U5136-O-100S.....	52	U5893-X-2/200.....	24
U1748-O.....	58	U5136-O-200S.....	52	U5898-O-200.....	22
U1779-RR-L-K3-K2.....	14	U5137-O-100S.....	52	U5902-X.....	32
U1797-O-K3L-K2L.....	15	U5137-O-200S.....	52	U5903-X.....	32
U1980-O.....	9	U5161-X.....	15	U5904-X.....	32
U2161-X.....	46	U5168-XTL-100.....	20	U5905-X.....	32
U2228-X.....	46	U5168-XTL-100-KK.....	20	U5906-X.....	32
U2229-X.....	46	U5168-XTL-100-KK-5T.....	20	U5925-O-100.....	53
U2448-X.....	15	U5168-XTL-150.....	20	U5925-O-200.....	53
U2594-X.....	16	U5168-XTL-150-KK.....	20	U5929-XL.....	8
U2732-X.....	31	U5168-XTL-150-KK-5T.....	20	U5934-XL-BLG.....	8
U2733-X.....	31	U5168-XTL-200.....	20	U5972-X.....	34
U2734-X.....	31	U5168-XTL-200-KK.....	20	U5973-X.....	34
U2735-X.....	31	U5168-XTL-200-KK-5T.....	20	U5974-X.....	34
U2736-X.....	31	U5169-XTL-100.....	21	U5975-X.....	34
U2872-X.....	30	U5169-XTL-200.....	21	U5976-X.....	34
U2873-X.....	30	U5268-XTL-150.....	20	U6115-x-2/200-K7L.....	24
U2874-X.....	30	U5268-XTL-150-KK.....	20	U6220-O-100-10GR.....	53
U2875-X.....	30	U5268-XTL-200.....	20	U6220-O-200-10GR.....	53
U2876-X.....	30	U5268-XTL-200-KK.....	20	U6221-O-100-10GR†.....	55
U3328-RXL.....	11	U5269-XTL-200.....	21	U6221-O-200-10GR†.....	55
U3358-O-KK.....	49	U5701-O-100S.....	55	U6227-X-400-K3.....	25
U3499-XL-100.....	17	U5701-O-200S.....	55	U6228-X-400-K3*.....	25
U3802.....	6	U5702-O-100S.....	55	U6229-X-400-K7.....	25
U3812.....	6	U5702-O-200S.....	55	U6230-X-400-K7*.....	25
U3822-20GWR.....	7	U5750-RXL-200-BL.....	23	U6281-RXL-200-BL.....	23
U3832.....	6	U5764-X-200-CB.....	26	U6282-XL-200.....	23
U3850-O-TG.....	9	U5765-X-200-CB.....	26	U6318-O-2/200-K3L.....	58
U3862.....	6	U5767-X-200-CB.....	26	U6549-XL-200NF.....	27
U4013-X.....	16	U5784-O-200-CB.....	26	U6550-XL-200NF.....	27
U4015-O.....	10	U5787-O-200-CB.....	26	U6585-X-2/200-K3L.....	24
U4322-O-200MB-5T9.....	54	U5794-X-400-CB.....	26	U6601-X-2/200.....	24
U4323-O-200MB-5T9.....	54	U5796-X-400-CB.....	26	U6602-X-2/200-MLK.....	24
U4413-O†.....	9	U5797-O-400-CB.....	26	U6605-X-2/200.....	24
U4490-XL.....	38	U5799-O-400-CB.....	26	U6606-X-2/200.....	24
U4492-XL.....	38	U5818-RL-200S.....	22	U6615-XL-200NF.....	27
U4493-XL.....	38	U5842-RL-100*.....	18	U6689-O-100-KK.....	51
U4494-XL.....	38	U5842-RL-200*.....	18	U6689-O-100-KK-LP.....	51
U4496-XL.....	38	U5842-RL-KK*.....	18	U6689-O-200-KK.....	51
U4497-XL.....	38	U5844-PXL-100*.....	18	U6689-O-200-KK-LP.....	51
U4505-X.....	14	U5844-PXL-200*.....	18	U7017-RL-TG.....	10
U4517-DL-M4.....	10	U5844-RL*.....	18	U7018-XL-TG.....	10
U4518-O-W.....	10	U5852-RL.....	18	U7021-RL-TG.....	9
U4532-XL.....	9	U5852-RL-200.....	18	U7040-RL-TG.....	9
U4540-XL.....	60	U5854-PXL-200.....	18	U7043-XL-TG.....	9
U4542-XL.....	60	U5854-RL.....	18	U7423-RXL.....	11
U4544-XL.....	60	U5882-X.....	32	U7487-RL-TG.....	8
U4546-XL.....	60	U5883-X.....	32	U7487-RL-TG-KK.....	8
U4548-RXL.....	60	U5884-X.....	32	U7490-RL-TG.....	8
U4549-RXL.....	60	U5885-X.....	32	U8144-XL.....	17
U4702-X.....	14	U5886-X.....	32	U8144-YL-100.....	17



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U8212-RL	28	UQFBH-100	73
U8213-RL	28	UQFBH-125	73
U8214-RL	28	UQFBH-150	73
U8215-RL	28	UQFBH-175	73
U8216-XL	28	UQFBH-200	73
U8303-O-CECHA*	49	UQFBH-M-100	73
U8436-O-CECHA*	49	UQFBH-M-125	73
U9107-O-CEHCA*	50	UQFBH-M-150	73
U9107-O-WI	50	UQFBH-M-175	73
U9108-O-CECHA*	50	UQFBH-M-200	73
U9108-O-WI	50	UQFP-100	73
U9550-RRL	12	UQFP-125	73
U9551-RXL	12	UQFP-150	73
U9581-RXL-QG	12	UQFP-175	73
U9647N-RL-200	19	UQFP-200	73
U9648-RL-100	19	UQFPH-100	73
U9700-RRL	13	UQFPH-125	73
U9701-RXL	13	UQFPH-150	73
U9800-RRL	12	UQFPH-175	73
U9801-RXL	12	UQFPH-200	73
U9865-RRL	12	UQFPH-M-100	73
UAP6094-O	61	UQFPH-M-125	73
UAP6095-O	61	UQFPH-M-150	73
UAP6096-O	61	UQFPH-M-175	73
UC1290-XL	36	UQFPH-M-200	73
UC1291-RL	36	UQFP-M-100	73
UC1299-XL	36	UQFP-M-125	73
UC1300-RL	36	UQFP-M-150	73
UC7233-XL	36	UQFP-M-175	73
UC7235-XL	36	UQFP-M-200	73
UC7237-XL	36		
UC7442-RL	37		
UC7444-RL	37		
UC7445-RL	37		
UC7446-RL	37		
UC7448-RL	37		
UC7449-RL	37		
UC7478-RL	37		
UC7532-RL	37		
UC7544-RL	36		
UC7545-RL	36		
UC7582-XL	36		
UQFB-100	73		
UQFB-100-X1	73		
UQFB-125	73		
UQFB-125-X1	73		
UQFB-150	73		
UQFB-150-X1	73		
UQFB-175	73		
UQFB-175-X1	73		
UQFB-200	73		
UQFB-200-X1	73		

Z

Z701776-MO	56
Z708080-MO	56
Z708767-MO	56
Z802965-AC	77
Z814898-AC	77
Z819294-SC	56
Z901925-AC	77
Z903274-AO	77
Z904486-AO	77
Z916264-AO	77
Z916265-AO	77
Z1148210	56

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