

MILBANK[®]
ENERGY AT WORK



DTE Energy Area Catalog

and Consumers Energy Multi-Position Sockets



Milbank Overview

Energy At Work since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With more than 90 years 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



As a market leader in electrical metering equipment, Milbank has set the standard for quality since 1927. Hundreds of configurations are available, including many sizes, knockout configurations, terminal 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. Built with high-quality craftsmanship and materials which meet or exceed industry standards, Milbank enclosures are made to protect controls and equipment from dust, dirt and other harmful elements found in a wide variety of environments based on various NEMA rating Milbank offers.

ENCLOSED CONTROLS



Milbank doesn't just build empty enclosures. We can deliver the entire package, complete with custom control equipment built to your exact specifications by our engineers. Milbank commercial pedestals are an attractive, secure, easy to install and cost-effective solution when underground remote site power distribution and control equipment is required, replacing unsightly and inefficient strut and backboard structures.



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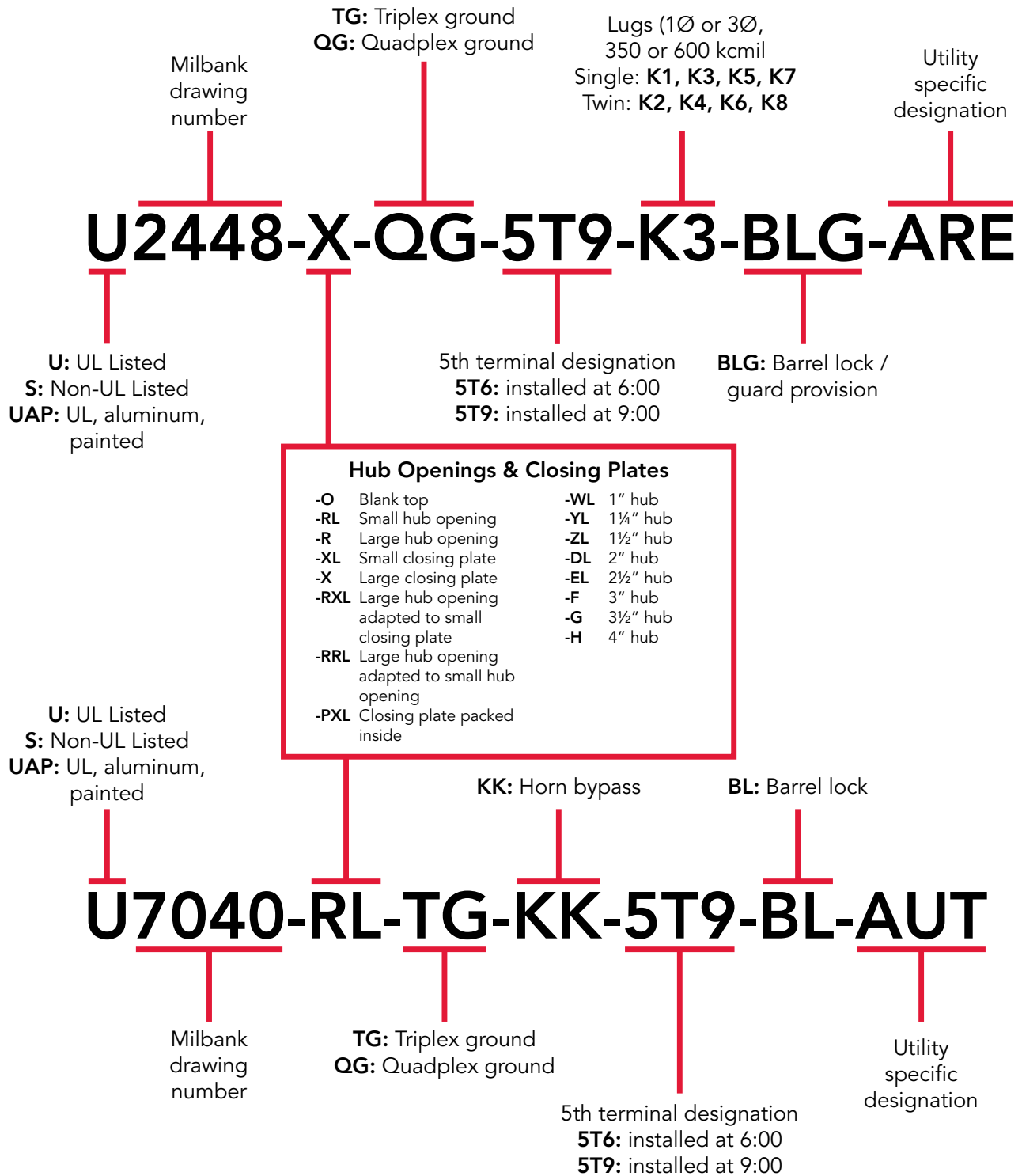
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Catalog Number Logic

How our product catalog numbers are derived



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Air Conditioner Disconnects

30 & 60 Amps | Fusible & Non-Fusible



Milbank’s air conditioner disconnect has a removable hinged cover which makes wiring a breeze. Our compact design meets all wire bending space requirements in the NEC and, also, complies with Article 440-14 in the NEC. To ensure the safest conditions, we designed our disconnect pullouts to be removable so they may be reinstalled in the off position. Another safety feature is the padlock provision on the front cover. As with all Milbank products, our enclosure is constructed of G90U galvanized steel and finished with an attractive, light gray, baked powder coating. Our state of the art finish combines epoxy and polyester hybrid resins into a hybrid powder coating which is then electrostatically applied. This offers a durable, nonfading finish.

30–60 Amps | 1Ø 240 VAC | Air Conditioner Disconnects

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	2½	5	7	60°/75°	60°/75°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	2½	5	9	60°/75°	60°/75°

Notes

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

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

Catalog Number	Type	Max H.P.	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions			Wire Rating	
				CU	AL		D"	W"	H"	CU °C	AL °C
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	4⅝	5¼	7⅝	60°/75°	60°/75°

Notes

- **Disconnect Pullouts:** To ensure the safest conditions, Milbank disconnect pullouts are reversible so they may be reinstalled in the OFF position.
- **Padlock Provision:** All units are designed with a padlock provision on the cover for security.
- ***In-Use Cover:** Cover is rated as an in-use cover (cover may be closed with cords plugged into receptacle).



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Hot Tub Disconnects

Type 3R Enclosures



U4881-O-50GB



U4881-O-60GB

Specifications

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

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

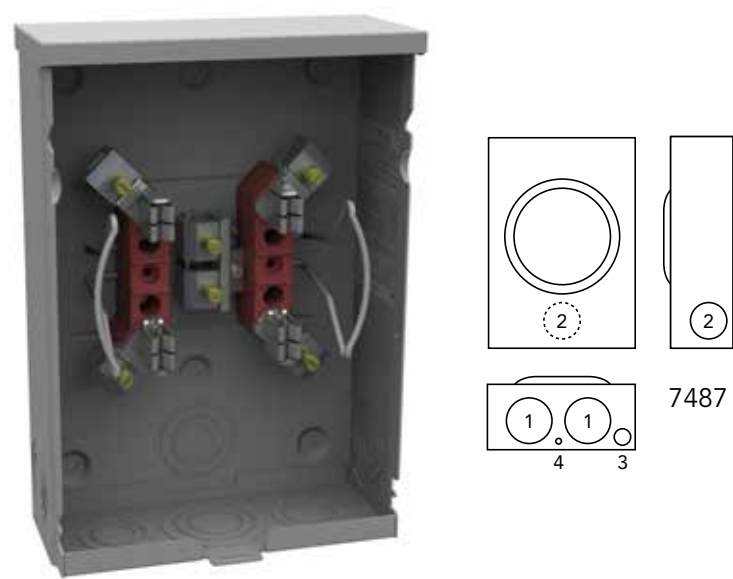
Catalog Number	Breaker Amps	Type	Weight (lbs.)	Line/Load Wire Range		Ground Wire Range CU/AL	Dimensions		
				CU	AL		D"	W"	H"
U4881-O	—	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3¾	7½	8½

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Single Position Sockets

125 Amps | 4 Terminals | Ringless | 240 VAC



U7487-O-TG

DTE Energy Approved | 125 Amps | 4 Terminals | Single Position | Ringless

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Dimensions			Knockouts			
					Line	Load	D"	W"	H"	1	2	3	4
ZSW-100	U7487-O-TG	4	UG	Blank	#6-2/0	#6-2/0	3 ⁵ / ₁₆	8	11 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₄	1 ¹ / ₄

Notes

- **Connectors:** Extruded aluminum connectors are tin plated. Unit is supplied with a triplex neutral.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **5T8K2**.
- **Relay Box:** For optional relay box, order catalog number **S2250-KO**.



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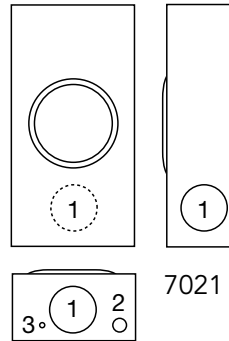
Single Position Sockets

9

200 Amps | 4 Terminals | Ringless | 240 VAC



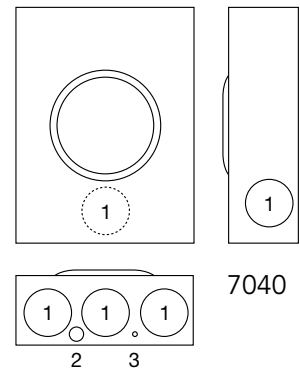
U7021-RL-TG



7021



U7040-RL-TG



7040

DTE Energy Approved | 200 Amps | 4 Terminals | Ringless | Single Position

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Dimensions			Knockouts		
					Line	Load	D"	W"	H"	1	2	3
ZS-200	U7021-RL-TG	4	OH	H.O.	#6-350	#6-350	4 $\frac{1}{8}$	8	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$
ZS-200	U7040-RL-TG	4	OH	H.O.	#6-350	#6-350	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$
ZSU-200	U7040-RL-TG	4	UG*	H.O.	#6-350	#6-350	4 $\frac{1}{8}$	11	15 $\frac{1}{2}$	2 $\frac{1}{2}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$	1 $\frac{1}{4}$

Notes

- **Fifth Terminal:** For field-installed fifth terminal, order **K5T**.
- **Connectors:** Units are supplied with extruded aluminum connectors and triplex neutral.
- ***U7040 Underground Service:** A closing plate must be used when the **U7040-RL-TG** is used for underground service. Order closing plate catalog number **A7551** as extra. For overhead service, order hub separately—see accessories page.

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Lever Bypass Single Position Sockets

200 Amps | 4–7 Terminals | Ringless | 480 VAC



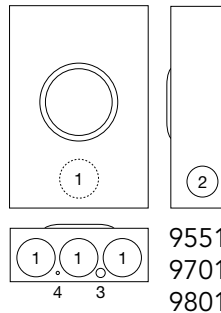
U9801-RXL



U9551-RXL



U9701-RXL



DTE Energy Approved | 200 Amps | Ringless | Single Position

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
					Line	Load		D"	W"	H"	1	2	3	4
N/A	U9801-RXL	4	OH/UG	C.P.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
N/A	U9551-RXL	5	OH/UG	C.P.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
ZS3-200H	U9701-RXL	7	OH	C.P.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
ZS3-200P	U9701-RXL	7	UG	C.P.	#6-350	#6-350	Lever	4 $\frac{7}{8}$	13	19	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$

Notes

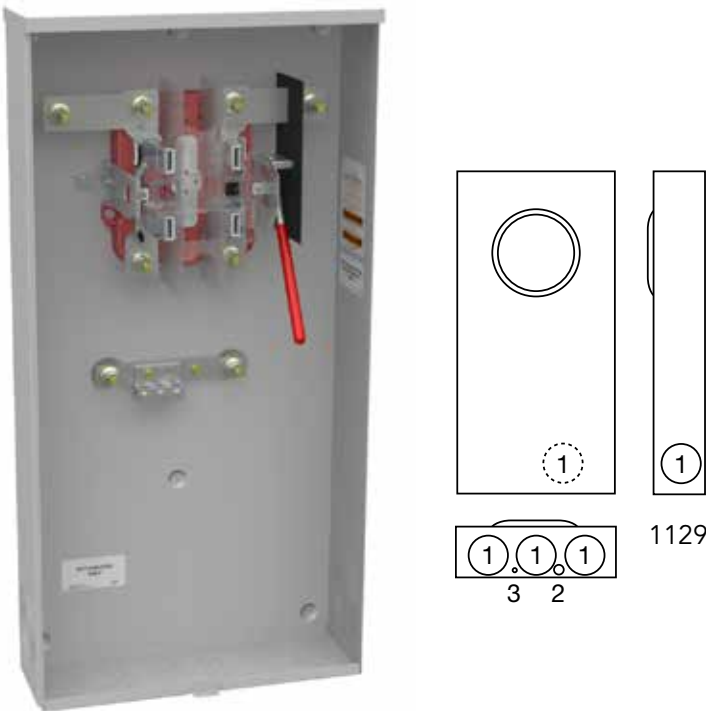
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.
- **Connectors:** Units are supplied with extruded aluminum connectors and bonded triplex neutral.
- **Fifth Terminal:** For field-installed fifth terminal for **U9801**, order as extra **K3866**.
- **Isolated Neutral:** For field-installed isolated neutral for the **U9701**, order kit number **K1047**.



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Lever Bypass Single Position

320 Amps | 4 Terminals | Ringless | 240 VAC



U1129-O-DTE

DTE Energy Approved | 320 Amps | 4 Terminals | Ringless | Lever Bypass | Single Position | 1Ø3W

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts			
					Line	Load		D"	W"	H"	1	2	3	4
ZSU-320	U1129-O-DTE	4	UG	Blank	3/8"-16 Studs	3/8"-16 Studs	Lever	4 7/8	15	30	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.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.
- **Connectors:** For connector kits, order as extra **K1350** (twin 350) or **K1540** (single 600). Separate kits are required for line and load.
- **Fifth Terminal:** For field-installed fifth terminal, order catalog number **K3865**.
- **Optional Breaker Enclosure:** Can be used with optional breaker enclosure (**U6064-XTL**)—see page 22.
- **Hot Water Tap:** For optional hot water tap kit, order catalog number **K5836**.
- **Isolated Neutral:** For field-installed isolated neutral, order catalog number **K5978**.

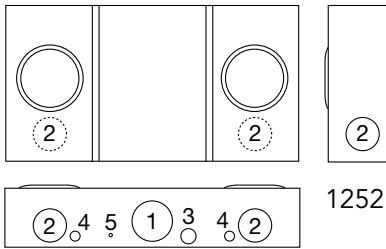
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U1252-X

(shown with line side lugs—not included, see accessories page)



DTE Energy Approved | 200 Amps/Position | 4 Terminals | Ringless | 2 Positions

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU/AL		Dimensions			Knockouts				
					Line	Load	D"	W"	H"	1	2	3	4	5
ZS2-200	U1252-X	4	OH/UG	C.P.	3/8"-16 Studs	#6-350	5 1/8	26 1/2	14	3	2 1/2	1	1 1/2	1/4, 1/2

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field mounted fifth terminal in the 9 o'clock position, order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin plated.
- **Amperage Rating:** Rated 200 amps per position, 400 amps overall.



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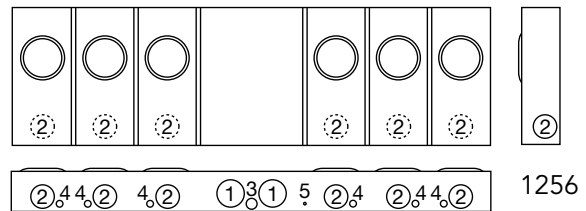
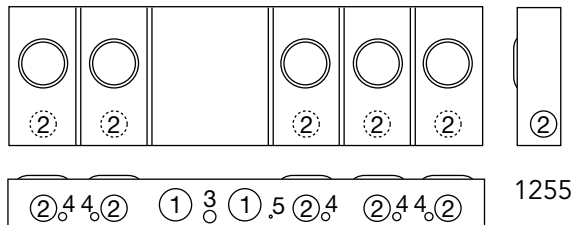
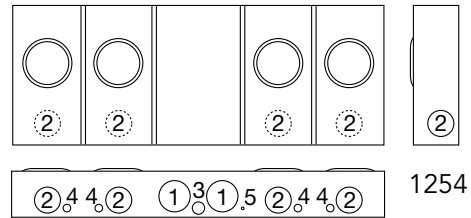
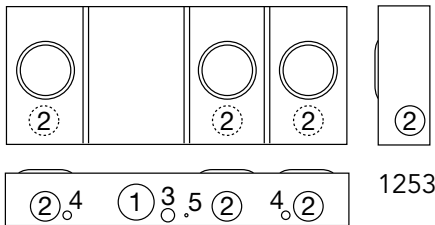
Multi-Position Sockets

1 3

For use in *Consumers Energy* area only | 300 VAC



U1254-X-QG-KK-K3



Consumers Energy Approved | 200 Amps per Position | 4 Terminals | Ringless | Multi-Position

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts				
				Line	Load		D"	W"	H"	1	2	3	4	5
U1253-X-QG-KK-K3	3	OH/UG	C.P.	#4-600 or (2) 1/0-250	#6-350	Horn	5 $\frac{1}{8}$	34 $\frac{1}{2}$	14	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1254-X-QG-KK-K3	4	OH/UG	C.P.	#4-600 or (2) 1/0-250	#6-350	Horn	5 $\frac{1}{8}$	42 $\frac{11}{16}$	16	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1255-X-QG-KK-K4	5	OH/UG	C.P.	#2-600	#6-350	Horn	5 $\frac{1}{8}$	54 $\frac{11}{16}$	16	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$
U1256-X-QG-KK-K4	6	OH/UG	C.P.	#6-350	#6-350	Horn	5 $\frac{1}{8}$	62 $\frac{7}{8}$	18	3	2 $\frac{1}{2}$	1	$\frac{1}{2}$	$\frac{1}{4}$

Notes

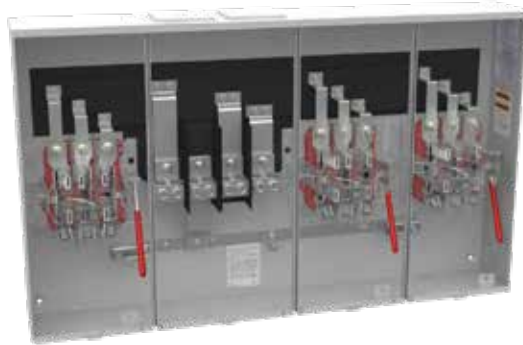
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Fifth Terminal:** For field-mounted fifth terminal, order catalog number **K5T**.
- **Connectors:** Extruded aluminum connectors are tin plated.

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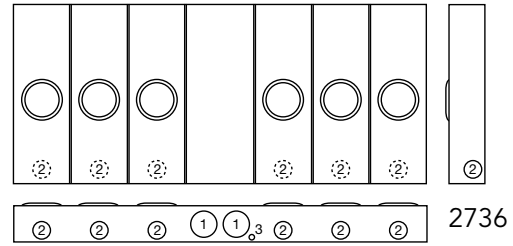
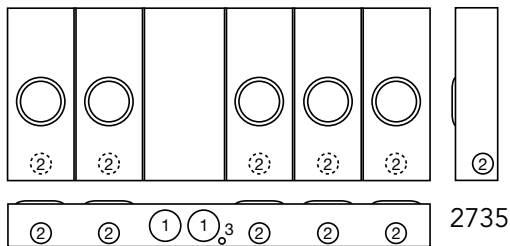
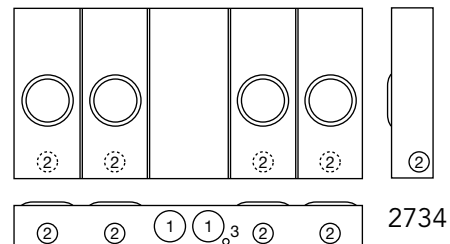
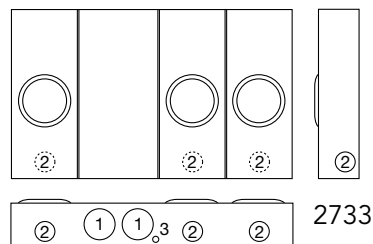


Lever Bypass Multi-Position

For use in *Consumers Energy* area only | 300 VAC



U2733-XT-K8



Consumers Energy Approved | 200 Amps per Position | 7 Terminals | Ringless | Multi-Position

Catalog Number	Positions	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3
U2733-XT-K8	3	OH/UG	(2) C.P.	#2-600	#6-350	Lever	6	42 $\frac{3}{16}$	25 $\frac{1}{4}$	3	2 $\frac{1}{2}$	$\frac{1}{4}$, $\frac{1}{2}$
U2734-XT-K8	4	OH/UG	(2) C.P.	#2-600	#6-350	Lever	6	52 $\frac{1}{4}$	25 $\frac{1}{4}$	3	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U2735-XT-K8	5	OH/UG	(2) C.P.	#2-600	#6-350	Lever	6	62 $\frac{5}{16}$	25 $\frac{1}{4}$	3	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$
U2736-XT-K8	6	OH/UG	(2) C.P.	#2-600	#6-350	Lever	6	72 $\frac{3}{8}$	31 $\frac{1}{4}$	3	$\frac{1}{4}$, $\frac{1}{2}$	$\frac{1}{4}$

Notes

- **Hubs:** Units supplied with two closing plates. To order hubs as extra, refer to the hub suffix chart on the accessories page.
- **Bypass:** Lever supplies clamping action on meter spades and also operates bypass device.



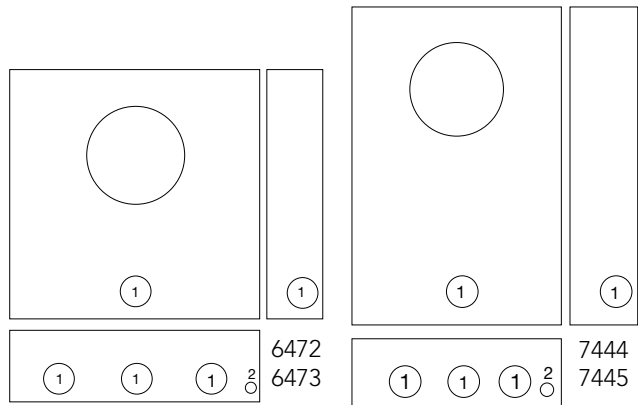
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CT Rated Sockets

20 Amps | 8–13 Terminals | Ringless | 480 VAC



UC6472-O-21



DTE Energy Approved | 20 Amps | 1-Piece Cover | CT Rated Socket w/ Prewired Test Switch | Ringless

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU	Meter Form	Dimensions			Knockouts	
							D"	W"	H"	1	2
ZS3-20-5S	UC6472-O-21	8	UG	Blank	#14–#4 Max	5S	4 $\frac{1}{8}$	14	16 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$
ZS3-20-9S	UC6473-O-21	13	UG	Blank	#14–#4 Max	6, 8, 9 & (ALT) 10S	4 $\frac{1}{8}$	14	16 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$

DTE Energy Approved | 20 Amps | 1-Piece Cover | CT Rated Socket w/ Prewired Test Switch | Ringless

DTE Number	Catalog Number	Terminals	Service	Hub	Connectors CU	Meter Form	Dimensions			Knockouts	
							D"	W"	H"	1	2
ZS3-20-5S	UC7444-O-21	8	UG	Blank	#14–#4 Max	5S	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$
ZS3-20-9S	UC7445-O-21	13	UG	Blank	#14–#4 Max	6, 8, 9 & (ALT) 10S	4 $\frac{1}{8}$	12	20	1 $\frac{1}{4}$	1 $\frac{1}{4}$, 1 $\frac{1}{2}$

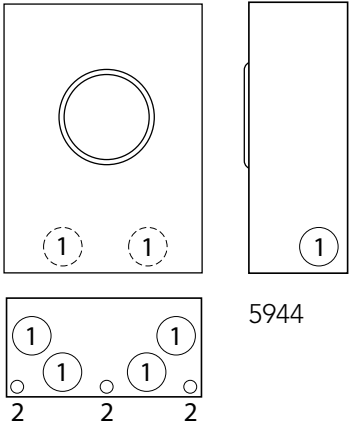
Notes

- **Connectors:** Units are supplied with sleeve-type connectors (#4 max).

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400 Amps | 13 Terminals | Ringless | 480 VAC



U5944-XT-181

DTE Energy Approved | 400 Amps | 13 Terminals | Transocket | Ringless

Catalog Number	Service	Hub	Connectors CU/AL		Bypass	Dimensions			Knockouts	
			Line	Load		D"	W"	H"	1	2
U5944-XT-181	OH/UG	(2) C.P.	#4-600 or (2) 250	#4-600 or (2) 250	Test Switch	12 ¹ / ₁₆	24	34	4	1

Notes

- **Hubs:** Two closing plates are supplied.
- **Test Switch:** Units are supplied with test switch and prewired per DTE specifications.
- **Front Cover:** Front cover is a "lift off" design.



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Enclosed Controls

Attractive | Easy to Install | Secure | Cost-Effective

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



Strut and backboard

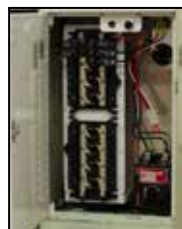


Commercial pedestal

UL Listed as Industrial Control Equipment (File E113855)

Standard Features

- Type 3R rain-resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available)
- UL listed as enclosed industrial control equipment (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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Attractive | Easy to Install | Secure | Cost-Effective



Applications

These units are ideal for controlling and metering:

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

Available Factory-Installed Options

- Meter sockets: ring type or ringless, up to 400 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panel boards
- 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 arrestors
- Generator inlets with interlocked breakers
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and terminal blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers

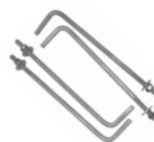
Options

- 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



Padmount bases available for all pedestal sizes, inquire with your representative for details



CP-ABK5/8

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



105J

Fifth terminal kit for use with ring type meter sockets



K3865

Fifth terminal 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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Main Load Center Commercial Pedestals

Main Load Center Commercial Pedestal

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 Amp or 24 circuit load center in 200A 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 terminal kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for “always on” loads that include a main circuit breaker, 20 (125 or 200 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.

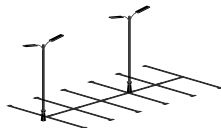
Features

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 terminal kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



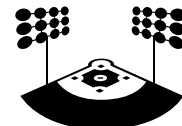
Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



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Enclosed Controls

21

400 Amps Commercial Pedestals



Designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

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

Features

These units include everything required for remote service:

- Main circuit breaker or dual service disconnects
- Expandable: load center units 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
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation
- Meter socket options include ring type with bypass studs, ringless with heavy duty lever bypass, or K-Type bolt-on



Commercial Job sites



Remote site for
Residential &
Commercial job Sites

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Surface-Mount Commercial Pedestal

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

**NEW
PRODUCT!**



Features

- Easy installation
- Overhead and underground entry and exit, all in one unit
- Meter and components in one enclosure
- UL508A & UL891
 - Custom component configurations
 - UL listing covers all internal components
- Can be mounted on multiple surfaces
 - Walls
 - Poles – narrow profile will have minimal extension past sides
 - H Frames (Strut)
- Multiple bypass options available
- Monitoring options available
- Can be powder coated in any Milbank standard EC colors or custom colors.



Benefits

- Does not take up sidewalk space
- Flood resistant
- Eliminates need for connecting components - Wire in - Wire Out

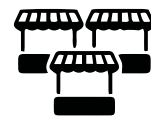
Applications



**Communications
Power
Distribution**



**Lighting
Control**



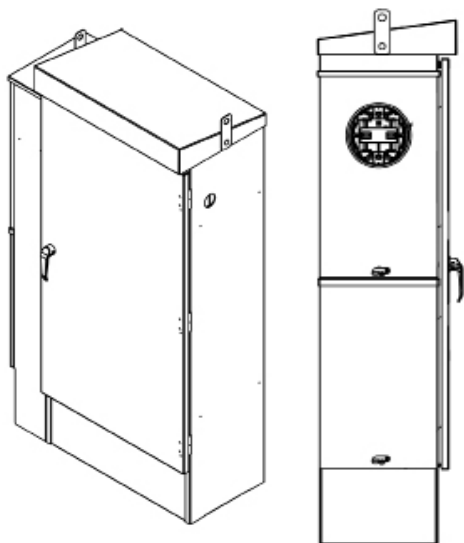
**Streetscape
Power
Distribution**



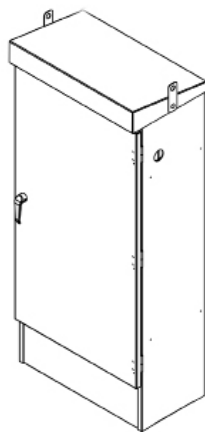
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Enclosed Controls

Battery Backup Commercial Pedestals



Designed to provide battery backup power for various loads, and to switch specific loads on and off under certain conditions; a photoelectric cell or time clock to control lighting circuits, as an example. Metered and unmetered power distribution options are available. The back-up power pedestal is designed to handle the vast majority of today's back-up power requirements. By using a 19" rack design, shelves can be adjusted to accommodate the required batteries and manufactures DC to AC inverters, transfer switches and other related equipment. This design gives the user a wide range of design and configuration options. Complete turnkey, ready to power-up pedestals are offered along with basic units ready to accept batteries and inverters supplied by others.



Features

- 100 through 320 Amps meter socket 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
- Battery trays
- Thermostat with cooling fan
- Filtered louvers for heat rise flow through ventilation
- Three point door latch (key or pad lockable)

Note

- May require customization based on regional requirements



Traffic Signals



Communications
Power Distribution



Parking Lots



Camera & Security
Locations

Options

- | | | |
|---|--|---|
| <ul style="list-style-type: none"> • Manual bypass switch • Transfer switch for generator power back-up • 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 arrestors and lighting arrestors |
|---|--|---|

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Providing metered or unmetered AC power, distribution, surge suppression, mechanical interlock and stand-by generator receptacle — all in a neat, compact pedestal.

Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- 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



Traffic Signals



Pump & Lift
Stations



Communications
Power Distribution



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CT Metered Commercial Pedestals



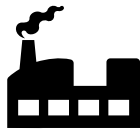
Designed to be used where a smaller service package would be a better choice over larger switchgear equipment, these pedestals have amperage ratings of 400 to 800 Amps at voltages up through 480 volt three phase.

Features

- Up to 800 Amps
- A low profile CT pedestal
- All utility equipment is isolated in separated pad lockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Dead front customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel
- Wide choice of powder paint colors

Note

- May require customization based on regional requirements



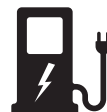
Commercial &
Industrial Control
Systems



Pump & 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, allowing maximum flexibility to place the pedestal anywhere physical space is at premium.

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

Features

- 100 or 200 Amps
- Vandal-resistant, secure and attractive design
- Customer compartment with distribution and control equipment with swing dead front 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
- Small 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: 120V–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, annodized or powder coated, as well as stainless steel exterior options

Note

- May require customization based on regional requirements



Water Treatment
Plants



Highways



Parks &
Landscaping



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



It's constructed with 14 gauge steel and only available for 12" pedestals.



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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 wireways.

Type 1 Enclosures

Milbank's NEMA 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) or prevent damage from the external formation of ice on the enclosure.

Wireways

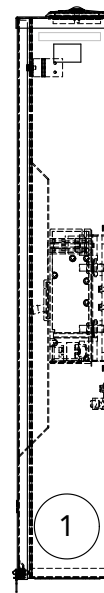
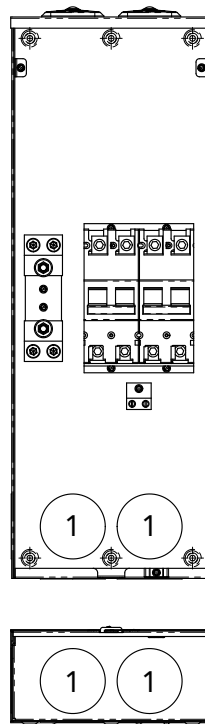
Milbank's wide range of wireways are available in many styles and sizes and a varied range of fittings allow smooth transitions to and from many manufacturers' products.

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U6064-XTL-200-200



6064



U6064-XTL-200-200

Specifications

- 120/240V, 1Ø applications
- UL Listed
- Available for two UQFB style breakers in any combo of 100, 150, 200 amps
- 10K AIC rated
- Removable front cover and deadfront
- Type 3R 16 gauge G90 galvanized steel shell
- Light gray polyester powder coat finish

Breaker Enclosures | 120/240V | 1Ø

Catalog Number	Service	Hub	Dimensions			Knockouts
			D"	W"	H"	1
U6064-XTL-100-100	OH	(2) C.P.	4 ²⁷ / ₃₂	11	31	3
U6064-XTL-150-150	OH	(2) C.P.	4 ²⁷ / ₃₂	11	31	3
U6064-XTL-200-200	OH	(2) C.P.	4 ²⁷ / ₃₂	11	31	3

Circuit Breakers

10K AIC Bolt-On	Amps	Wire Range	
		CU	AL
UQFB-100	100	#3-#1	#1-1/0
UQFB-150	150	1/0-300	2/0-300
UQFB-200	200	1/0-300	2/0-300

Notes

- **Application:** To be used in conjunction with 320 amp, single phase meter sockets, or when the utility requires a separate enclosure for the meter socket and main breaker.



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Circuit Breakers

29

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



UQFP
UQFPH



UQFP-M
UQFPH-M



UQFB-X1



UQFB-X



UQFB



UQFB-X-MOD

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

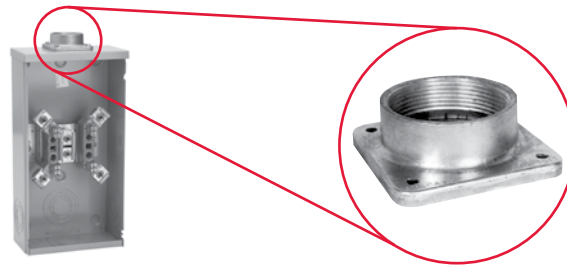
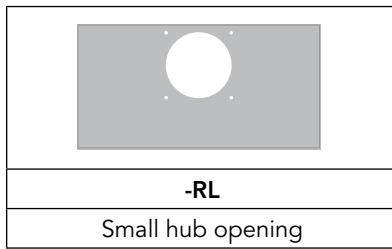
Amps	10K AIC Bolt-On	22K AIC Bolt-On	10K AIC Bolt-On	22K AIC Bolt-On	Wire Range	
					CU	AL
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300
175	UQFB-175	UQFBH-175	UQFB-175-X1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

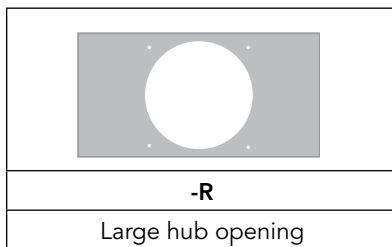
- **UL Listed:** For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- **UQFP-M:** For series main circuit breaker applications Split load tab features allow for feed-through capability.
- **UQFB:** (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).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

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

					
Single			Twin		
Suffix	Part #	(3 per set) - 1Ø	Suffix	Part #	(3 per set) - 1Ø
K1	K1539	6-350	K2	K1350	6-350
K3	K1540	4-600 or (2) 1/0-250*	K2L	K1350L	6-350 (non rotating)
K3L	K1540L	4-600 or (2) 1/0-250* (non rotating)	K4	K1541	4-600
Suffix	Part #	(4 per set) - 3Ø	Suffix	Part #	(4 per set) - 3Ø
K5	K3082	6-350	K6	K3442	6-350
K7	K3441	4-600 or (2) 1/0-250*	K8	K3083	4-600

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



Bypass Link



Note

Consult factory for proper connector kits for studded meter sockets.

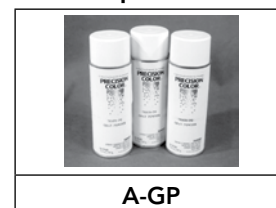
Closing Covers

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

Disconnect Sleeve



Touch-Up Paint



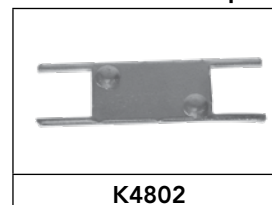
Relay Box



Breaker Enclosure



Anti-Inversion Clip






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Fifth Terminals & Block Assemblies


Fifth Terminals

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


Triplex Ground


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

100 Amp 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 Amp 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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Energization of Electrical Equipment

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Important Information for Installers

Important Note

In addition to national and local electrical codes, many utilities have specific requirements for metering equipment. Always consult the serving utility for their specifications and requirements prior to ordering or installing Milbank meter mounting equipment.

Before Energizing

- A. Give equipment a thorough visual examination to determine that:
 - 1) No shipping or installation damage exists.
 - 2) Proper clearances have been maintained.
 - 3) All connections have been made.
 - 4) Equipment is clean and dry.
- B. Make a thorough examination to:
 - 1) Verify tightness of all bolted connections (see table below).
 - 2) Manually operate all circuit breakers, switches, relays, etc.
 - 3) Check rigidity of all mountings, busbars and components.
 - 4) Use test equipment to check continuity of circuitry and integrity of insulation.
- C. All switches and circuit breakers should be in the "off" position.
- D. Verify that manual meter bypass (if applicable) is in non-bypass position.
- E. Install cover and/or close doors.
- F. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

When Energizing

- A. Use caution and follow established safety procedures:
 - 1) Wear safety apparel.
 - 2) Use safety equipment.
 - 3) Take action to prevent injury to yourself and others in the event of failure of the installation.
 - 4) Take action to prevent/decrease damage to property in the event of failure of the installation.
 - 5) If you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

After Energizing

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

Recommended Torque for General Applications*

Nominal Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
10	Brass	Brass Nut or Extruded Hole	All	20-25 inch lbs.
10	Steel	Copper or Aluminum Busbar $\leq 1/8"$	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.
Busbar: Alloy; 6101-O & 6063-O

Aluminum Sheet

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

Copper Sheet & Bus

Electrolytic copper with tin plating in most applications.

Insulating Materials

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

Finish

Process

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

Metal Fasteners

Zinc-coated with a chromate dip.

Ratings & Compliance

Ratings & Compliance

All Milbank electrical enclosures in this catalog are rated "Type 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), 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).

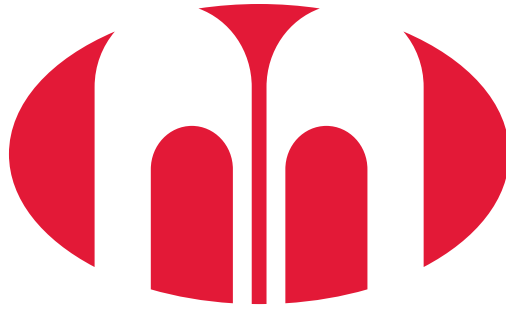


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6003.....	31	K4528.....	32	U7021-RL-TG.....	9	UQFBH-M-200.....	29
6116.....	31	K4529.....	32	U7040-RL-TG.....	9	UQFP-100.....	29
5T8K2.....	32	K4530.....	32	U7040-RL-TG.....	9	UQFP-125.....	29
A7514.....	30	K4802.....	31	U7487-O-TG.....	8	UQFP-150.....	29
A7515.....	30	K5T.....	32	U9551-RXL.....	10	UQFP-175.....	29
A7516.....	30	K8180.....	31	U9701-RXL.....	10	UQFP-200.....	29
A7517.....	30	M5-144.....	31	U9701-RXL.....	10	UQFPH-100.....	29
A7518.....	30	S2250-KO.....	31	U9801-RXL.....	10	UQFPH-125.....	29
A7551.....	30	S8324.....	30	UC7444-O-21.....	15	UQFPH-150.....	29
A8110.....	30	U1129-O-DTE.....	11	UC7445-O-21.....	15	UQFPH-175.....	29
A8111.....	30	U1252-X.....	12	UC6472-O-21.....	15	UQFPH-200.....	29
A8112.....	30	U1253-X-QG-KK-K3.....	13	UC6473-O-21.....	15	UQFPH-M-100.....	29
A9064.....	30	U1254-X-QG-KK-K3.....	13	UQFB-100.....	29	UQFPH-M-125.....	29
A-GP.....	32	U1255-X-QG-KK-K4.....	13	UQFB-100-X1.....	29	UQFPH-M-150.....	29
BL7474.....	32	U1256-X-QG-KK-K4.....	13	UQFB-125.....	29	UQFPH-M-175.....	29
BL7499.....	32	U2733-XT-K8.....	14	UQFB-125-X1.....	29	UQFPH-M-200.....	29
CP-21.....	31	U2734-XT-K8.....	14	UQFB-150.....	29	UQFP-M-100.....	29
K1190.....	32	U2735-XT-K8.....	14	UQFB-150-X1.....	29	UQFP-M-125.....	29
K1350.....	31	U2736-XT-K8.....	14	UQFB-175.....	29	UQFP-M-150.....	29
K1350L.....	31	U3802.....	5	UQFB-175-X1.....	29	UQFP-M-175.....	29
K1539.....	31	U3812.....	5	UQFB-200.....	29	UQFP-M-200.....	29
K1540.....	31	U3822-20GWR.....	6	UQFB-200-X1.....	29	Z802965-AC.....	32
K1540L.....	31	U3832.....	5	UQFBH-100.....	29	Z814898-AC.....	32
K1541.....	31	U3862.....	5	UQFBH-125.....	29	Z901925-AC.....	32
K3082.....	31	U4881-O.....	7	UQFBH-150.....	29	Z903274-AO.....	32
K3083.....	31	U4881-O-50GB.....	7	UQFBH-175.....	29	Z904486-AO.....	32
K3441.....	31	U4881-O-60GB.....	7	UQFBH-200.....	29	Z916264-AO.....	32
K3442.....	31	U5944-XT-181.....	16	UQFBH-M-100.....	29	Z916265-AO.....	32
K3865.....	32	U6064-XTL-100-100.....	28	UQFBH-M-125.....	29		
K3866.....	32	U6064-XTL-150-150.....	28	UQFBH-M-150.....	29		
K4527.....	32	U6064-XTL-200-200.....	28	UQFBH-M-175.....	29		

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