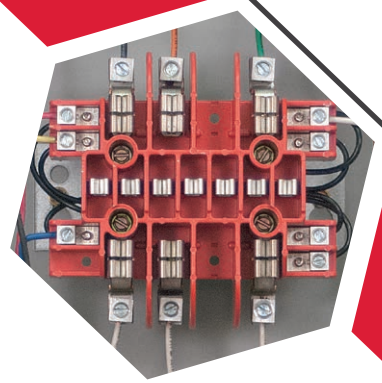
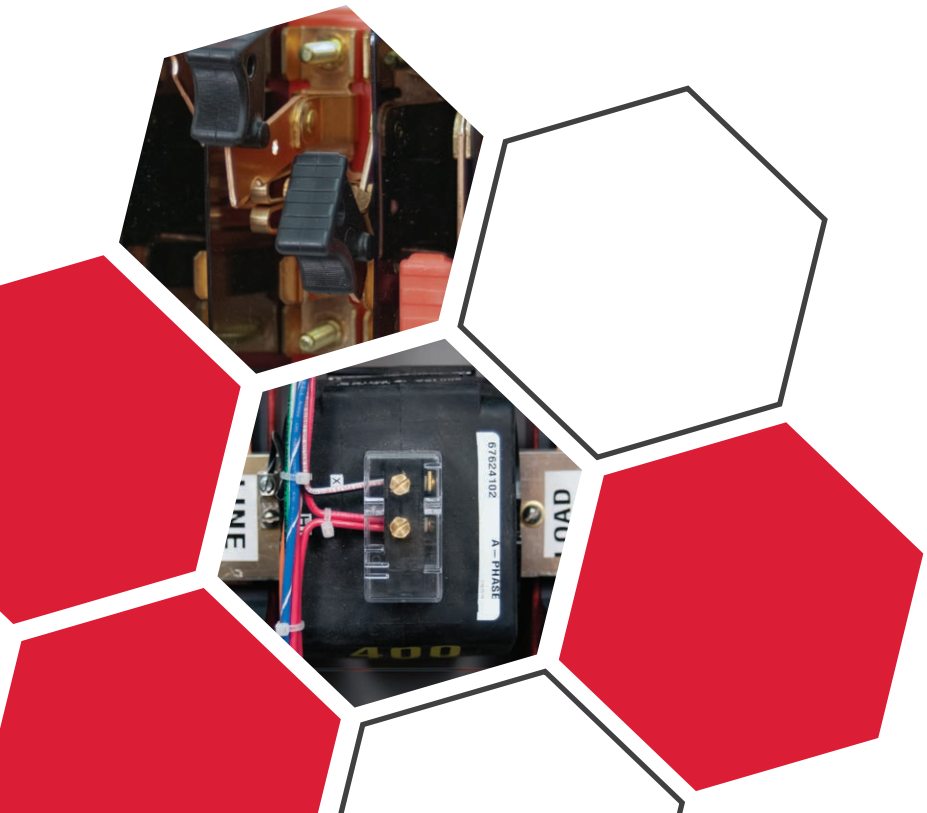


MILBANK®
ENERGY AT WORK

INSTRUMENT RATED

METERING EQUIPMENT



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

Milbank Overview

Energy At Work Since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With nearly a century of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and power distribution and controls. 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.



Power Distribution & Controls

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our power distribution and controls are custom control equipment that's built to your exact specifications by our engineers. Milbank Power Distribution & 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.

MILBANK
ENERGY AT WORK

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.

Table of Contents

CT Rated Sockets

Plunger Bypass Features and Benefits 4
20 Amps CT Rated 5–9
Prewired CT Rated Sockets 10
CT Rated with Test Switch Provision 11
CT Rated with VT Pack Provision 12
20 Amps, Multi-position, with Test Switch Provision 13
Lever Bypass CT Rated 14-15
Demand Side Management 16
Stainless steel CT rated 17

CT Cabinets

CT Cabinets Features and Benefits 18
Transformer Cabinets 19–21
Studs and Lug Type Mounting Racks 22-23
Transformer Cabinets with Factory-installed CT Racks 24–25
Metered Transformer Cabinet 26

Transockets

Transockets Features and Benefits 27
Transockets 28–31

Pedestals

Instrument Rated Pedestal 32-33
Instrument Rated Power Distribution & Controls 34-35

Test Switches

Test Switches Features and Benefits 36
Test Switches 37–38
Test Switch Worksheet 39

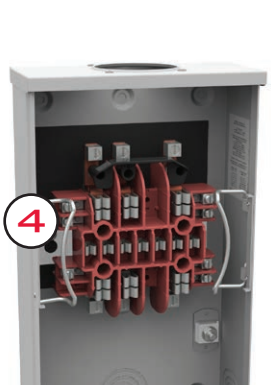
Miscellaneous

Meter Forms 40–41
Accessories 42–43
Reference Information 44–45
Index 46

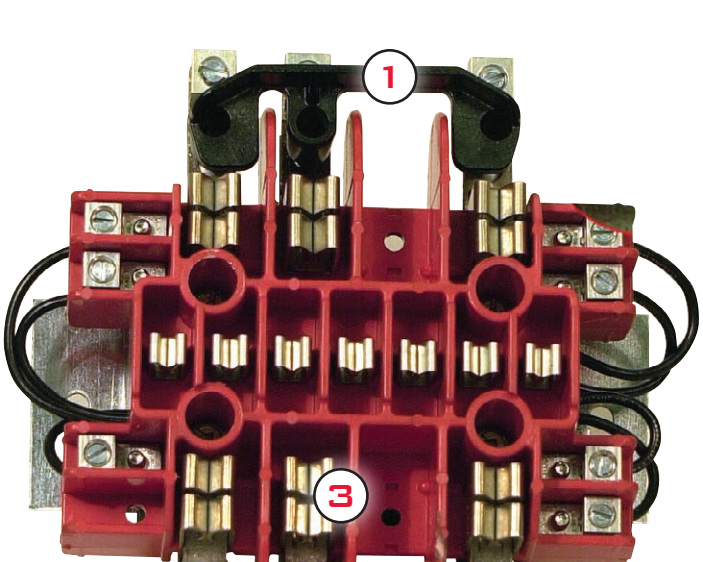
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Rated Sockets

Plunger Bypass Feature



UC7237-RL





UC7545-RL

Highlights and Features

These units are available in a powder coated galvanized G90 steel or an aluminum NEMA 3R shell.

1. **Plunger Bypass:** Once meter is removed from socket, plunger bypass disengages and CTs are shunted.

2. **Connectors:** #14 – 4 mechanical connectors provided for ease of connecting CT wires. If ring terminal is desired, use **U** prefix rather than **UC**.

3. **Terminals:** Range of 5 to 13 terminal block assemblies available to meet most of your single- and three-phase application needs.

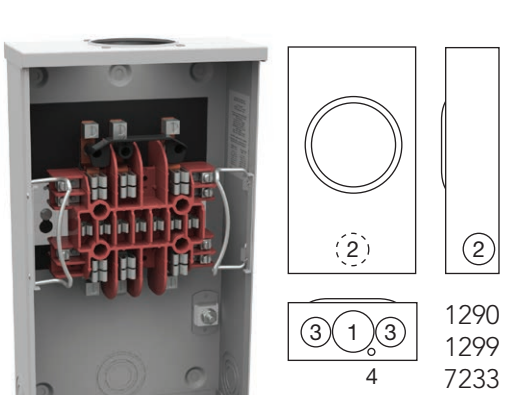
4. **Ringless/Ring Type:** Units available in both ringless and ring type styles.

MILBANK
ENERGY AT WORK

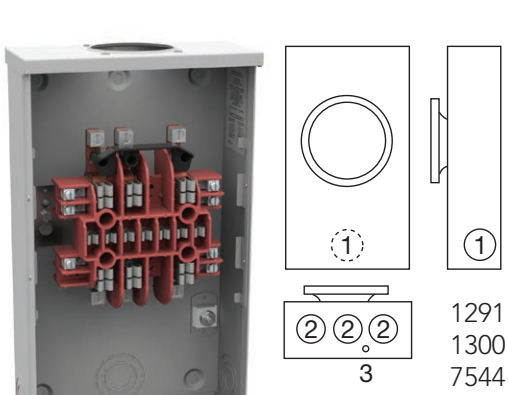
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Rated Sockets

20 Amps | 5-13 Terminals



UC7237-RL



UC7545-RL



UC7582-XL

20 Amps | CT Rated Sockets | Plunger Bypass | Ringless

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

20 Amps | CT Rated Sockets | Plunger Bypass | Ring Type

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
UC1291-RL	5	OH/UG	H.O.	3S	#14 - 4 Max	3 5/16	8	14	1½	1¼	¼
UC1300-RL	6	OH/UG	H.O.	4S	#14 - 4 Max	3 5/16	8	14	1½	1¼	¼
UC7544-RL	8	OH/UG	H.O.	5S	#14 - 4 Max	3 5/16	8	14	1½	1¼	¼
UC7545-RL	13	OH/UG	H.O.	6, 8, 9S & (ALT) 10S	#14 - 4 Max	3 5/16	8	14	1½	1¼	¼

20 Amps | CT Rated Sockets | Ring Type

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
UC7582-XL	13	OH/UG	C.P.	6, 8, 9S & (ALT) 10S	#14 - 10	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.
- **Connectors:** Units are supplied with mechanical type connectors. If compression type connectors are preferred, change catalog prefix to **S** (i.e. **U7544-RL** becomes **SC7544-RL**).

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.

MILBANK ENERGY AT WORK

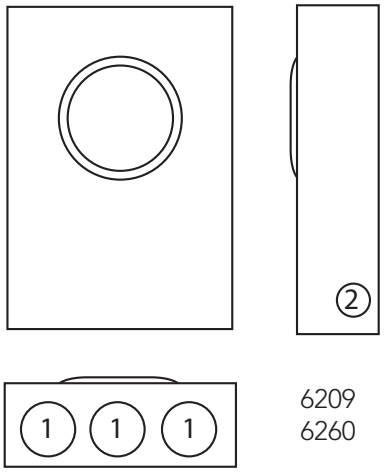
CT Rated Sockets

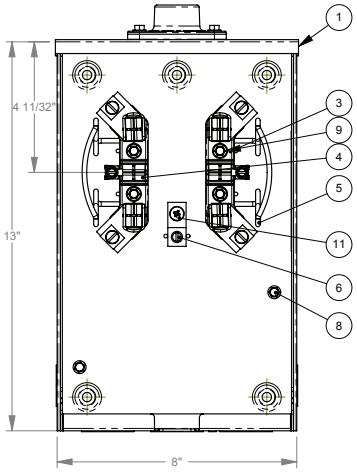
20 Amps | 1-Piece Cover | w/ Test Switch Provision



APC6209-WL

shown with test switch not included





APC6260-WL

20 Amps | 1-Piece Cover | CT Rated Socket with Test Switch Provision | Ringless

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
APC6209-WL	5	OH	1 in	3S	#14-#10	3 5/16	8	13	1 1/4	1/4
APC6260-WL	6	OH	1 in	4S	#14-#10	3 5/16	8	13	1 1/4	1

Notes

- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, consult factory for details. 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.
- **Test Switch Configurations:** Contact factory for different test switch.
- **Smaller Footprint:** This unit allows for smaller footprint installations.
- **Shell:** Both **6209** and **6260** come standard with aluminum shell.

MILBANK
ENERGY AT WORK

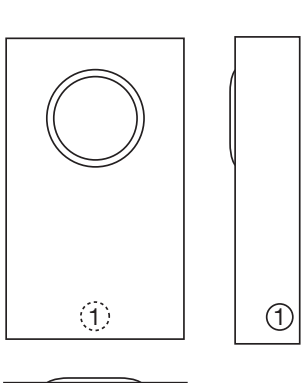
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Rated Sockets

20 Amps | 1-Piece Cover | w/ Test Switch Provision



UC7478-RL



7442 6402
7444 6403
7445
7478

20 Amps | 1-Piece Cover | CT Rated Socket with Test Switch Provision* | Ringless

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC7442-RL	5	OH/UG	H.O.	3S	#14-#10	4⅛	12	20	1¼	¼,½
UC7478-RL	6	OH/UG	H.O.	4S	#14-#10	4⅛	12	20	1¼	¼,½
UC7444-RL	8	OH/UG	H.O.	5S	#14-#10	4⅛	12	20	1¼	¼,½
UC7445-RL	13	OH/UG	H.O.	6, 8, 9 & (ALT) 10S	#14-#10	4⅛	12	20	1¼	¼,½

*Units in this chart are not designed for use with test switch covers.

20 Amps | 1-Piece Cover | Deeper Shell | CT Rated Socket with Test Switch Provision | Ringless

Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
UC6402-RL	8	OH/UG	H.O.	5S	#14-#10	5⅛	12	20	1¼	¼,½
UC6403-RL	13	OH/UG	H.O.	13S	#14-#10	5⅛	12	20	1¼	¼,½

Notes

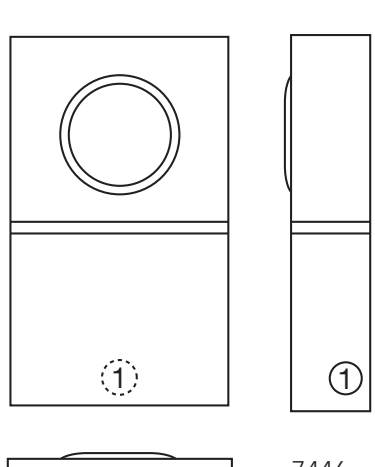
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, consult factory for details. 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 **U** (i.e. **UC7445-XL** becomes **U7445-XL**).
- **Test Switch Configurations:** See page 38 for standard test switch configurations.
- **Deeper Shell:** The **UC6402** and **UC6403** both have a deeper shell of 5 ⅛ inches.

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.

MILBANK
ENERGY AT WORK

CT Rated Sockets

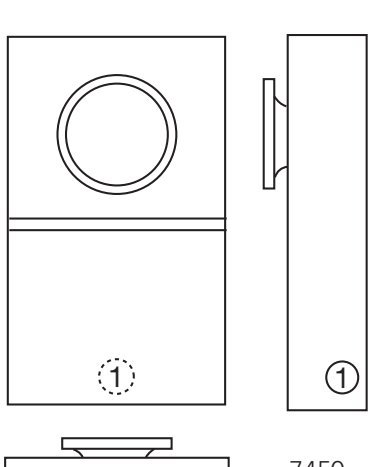
20 Amps | 2-Piece Cover | with Test Switch Provision



7446
7448
7449
7532



UC7449-RL



7450
7460
7461
7636

20 Amps | 2-Piece Cover | CT Rated Socket with Test Switch Provision*

Ringless Catalog Number	Ring Type Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
							D"	W"	H"	1	2
UC7446-RL	**UC7450-RL**	5	OH/UG	H.O.	3S	#14-#10	4⅛	12	20	1¼	¼,½
UC7532-RL	**UC7636-RL**	6	OH/UG	H.O.	4S	#14-#10	4⅛	12	20	1¼	¼,½
UC7448-RL	**UC7460-RL**	8	OH/UG	H.O.	5S	#14-#10	4⅛	12	20	1¼	¼,½
UC7449-RL	**UC7461-RL**	13	OH/UG	H.O.	6, 8, 9 & (ALT) 10S	#14-#10	4⅛	12	20	1¼	¼,½

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 reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory pre wiring is required, consult factory for details. 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. **UC7449-XL** becomes **S7449-XL**).
- **Test Switch Configurations:** See page 38 for standard test switch configurations.

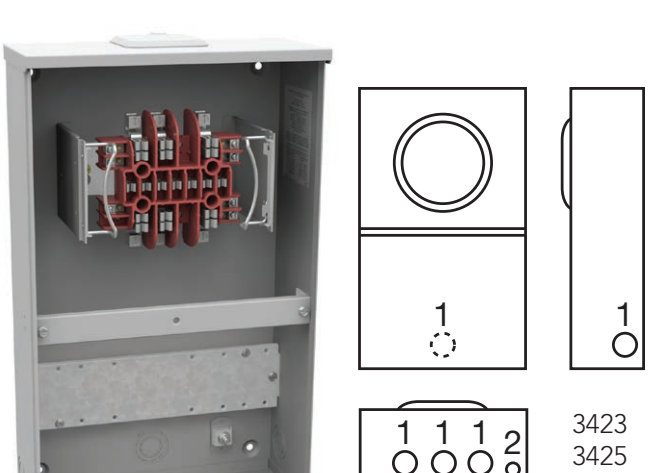
*Units on this page are not designed for use with test switch covers.

MILBANK® ENERGY AT WORK

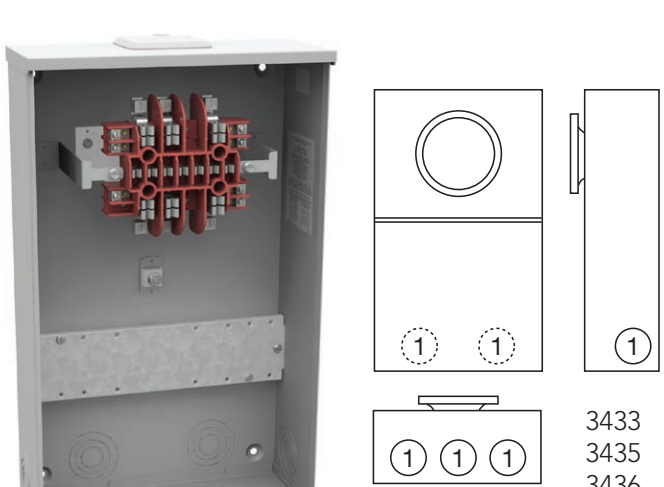
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Rated Sockets

20 Amps | Deeper 5⅛" Shell | with Test Switch Provision



UC3423-XL



UC3433-XL

20 Amps | 2-Piece Cover | CT Rated Socket with Test Switch Provision

Ringless Catalog Number	Ring Type Catalog Number	Terminals	Hub	Service	Meter Form	Connectors CU	Dimensions			Knockouts	
							D"	W"	H"	1	2
UC3425-XL	**UC3435-XL**	5	C.P.	OH/UG	3S	#14-#10	5⅛	12	20	1¼	¼,½
UC3426-XL	**UC3436-XL**	6	C.P.	OH/UG	4S	#14-#10	5⅛	12	20	1¼	¼,½
UC3428-XL	**UC3438-XL**	8	C.P.	OH/UG	5S	#14-#10	5⅛	12	20	1¼	¼,½
UC3423-XL	**UC3433-XL**	13	C.P.	OH/UG	6,8,9 & (ALT) 10S	#14-#10	5⅛	12	20	1¼	¼,½
UC3424-XL	**UC3434-XL**	15	C.P.	OH/UG	39S or 76S	#14-#10	5⅛	12	20	1¼	¼,½

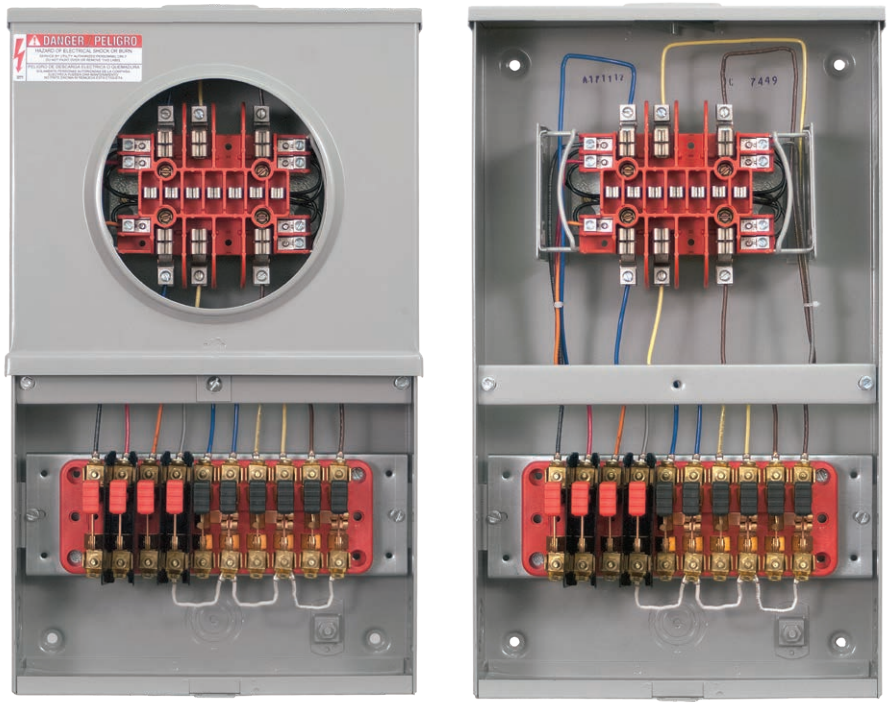
Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Sealing Rings:** Ring type units are supplied with one **MR-4** screw type sealing ring.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, consult factory for details. 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. If compression type connectors are preferred, change catalog prefix to **U** (i.e. **UC3423-XL** becomes **U3423-XL**).
- **Test Switch Cover:** Units on this page can be used with clear lexan cover. See accessories page for ordering information.
- **Test Switch Configurations:** See page 38 for standard test switch configurations.
- **EUSERC Approval:** All ring type items on this page are EUSERC compliant.

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.

Prewired CT Rated Sockets

Factory-wired to Utility Specification



UC7449-XL-871

For field-installable test switches, see page 38 for standard configurations. Test switches can also be factory-installed without prewiring. Consult factory for details.

Milbank's CT rated meter sockets are also available with factory prewiring and custom-specified test switches. For factory prewiring and custom test switch configurations, see the worksheet on page 39 and consult factory for details.

Available for both ring type and ringless applications.

MILBANK
ENERGY AT WORK

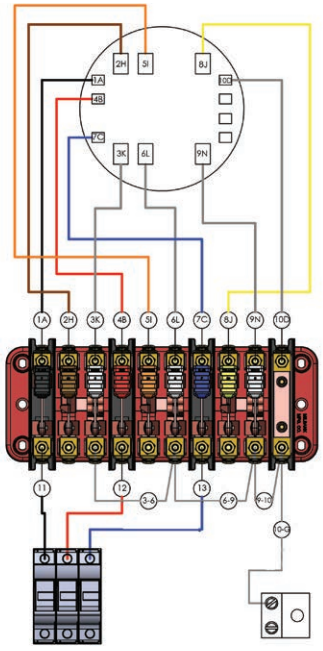
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Rated Sockets

20 Amps | w/ Test Switch Provision and Fuse Block



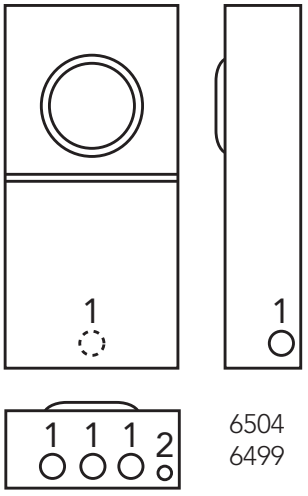
SC6499-XL



Example of prewiring for 6499



SC6504-XL



20 Amps | CT Rated Socket with Test Switch Provision*

Ringless Catalog Number	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
						D"	W"	H"	1	2
SC6504-XL	8	OH/UG	C.P.	5S	#14-#10	4⅛	12	26	1¼	¼,½
SC6499-XL	13	OH/UG	C.P.	9S	#14-#10	4⅛	12	26	1¼	¼,½

Notes

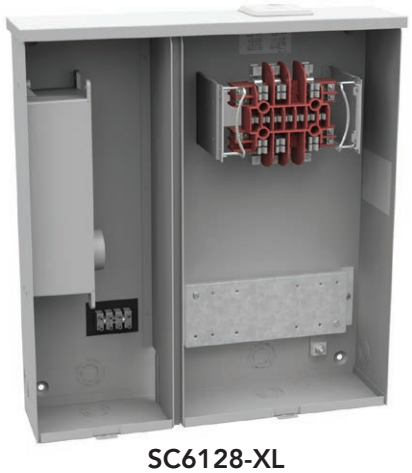
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Prewiring:** If standard factory prewiring is required, refer to wiring diagrams in the reference section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, consult factory for details. 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.
- **Test Switch Configurations:** See page 38 for standard test switch configurations or provide utility wiring diagram if known.

* Units on this page are not designed for use with test switch covers.

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.

CT Rated Sockets

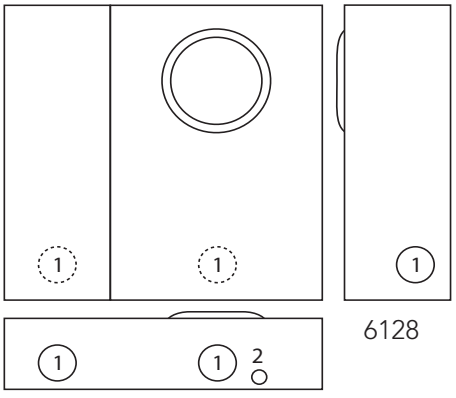
with VT Pack Provision

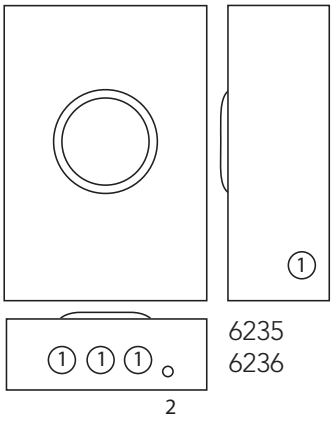


SC6128-XL



APC6235-XL





20 Amps | Transformer Rated Sockets | VT Pack Provision* | Ringless

Catalog Number	Terminals	Service	Hub	Connectors CU	Dimensions			Knockouts	
					D"	W"	H"	1	2
SC6128-XL	13	OH/UG	C.P.	#14 - #4 Max	4⅞	20	22	1¼	¼,½
APC6235-XL	8	OH/UG	C.P.	#14 - #4 Max	4⅞	14½	24	1¼	½
SC6236-XL-41	13	OH/UG	C.P.	#14 - #4 Max	4⅞	14½	24	1¼	½

Notes

- **Bridge:** VT pack compatible bridge provision provided.

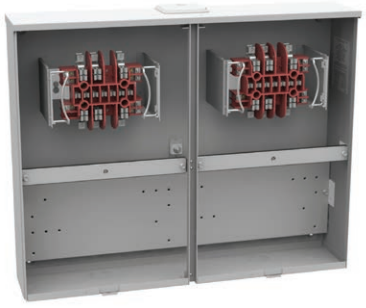
* Units on this page are not designed for use with test switch covers.

MILBANK
ENERGY AT WORK

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.

Multi-Position CT Rated Sockets

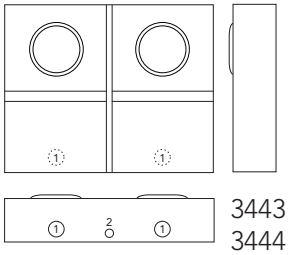
20 Amps | w/ Test Switch Provision



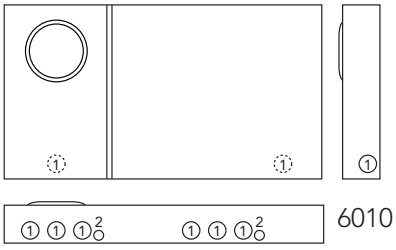
UC3453-XL



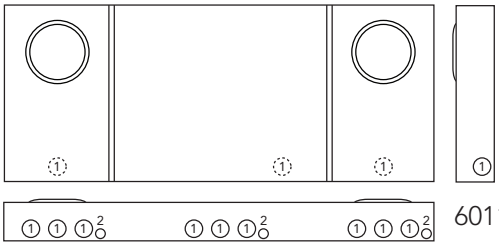
SC6011-O-BL-21



3443 3453
3444 3458
3448



6010



6011

20 Amps | Multi-Position CT Rated Sockets | Ringless

Catalog Number	UL Listed	Positions	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
								D"	W"	H"	1	2
UC3458-XL	Yes	2	8	OH/UG	C.P.	5S	#14-#10	5	25 1/16	20	1¼	¼,½
UC3453-XL	Yes	2	13	OH/UG	C.P.	6,8,9 & (ALT) 10S	#14-#10	5	25 1/16	20	1¼	¼,½
SC6010-O-BL-2*	No	1	13	UG	Blank	6,8,9 & (ALT) 10S	#14-#10	4⅛	36 7/16	20	1½	½,¾
SC6011-O-BL-2*	No	2	13	UG	Blank	6,8,9 & (ALT) 10S	#14-#10	4⅛	48 11/16	20	1½	½,¾

20 Amps | Multi-Position CT Rated Sockets with Test Switch provisions | Ring Type

Catalog Number	UL Listed	Positions	Terminals	Service	Hub	Meter Form	Connectors CU	Dimensions			Knockouts	
								D"	W"	H"	1	2
UC3443-XL	Yes	2	13	OH/UG	C.P.	6,8,9 & (ALT) 10S	#14-#10	5⅛	25 1/16	20	2	¼,½
UC3444-XL	Yes	2	15	OH/UG	C.P.	39S or 76S	#14-#10	5⅛	25 1/16	20	2	¼,½

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-4** screw type sealing ring.
- **Prewiring:** If 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. If compression type connectors (#10) are preferred, change catalog prefix to **S** (i.e. **UC3453-XL** becomes **S3453-XL**).
- **Test switch:** provision in the **UC3453-XL**, prewired test switch installed in the **SC6010-O-BL-2** and **SC6011-O-BL-2.**

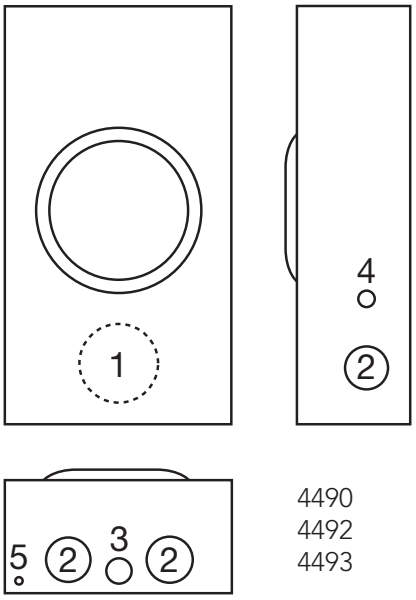
*The **SC6010** and **SC6011** include a section for additional electronic components. Remote CT cabinet required.

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.

Lever Bypass CT Rated Sockets

80 Amps | Ringless | 600V





4490
4492
4493



U4490-XL

U4493-XL

80 Amps | CT Rated Sockets | Lever Bypass | Ringless

Catalog Number	Terminals	Service	Hub	Connectors CU	Dimensions			Knockouts				
					D"	W"	H"	1	2	3	4	5
U4490-XL	6	OH/UG	C.P.	#14 - #4 Max	4⅞	10	18½	3	1½	½,¾	¾	¼
U4492-XL	8	OH/UG	C.P.	#14 - #4 Max	4⅞	10	18½	3	1½	½,¾	¾	¼
U4493-XL	13	OH/UG	C.P.	#14 - #4 Max	4⅞	10	18½	3	1½	½,¾	¾	¼

Notes

- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** Lever operates current bypass device and also supplies clamping action on current meter spades.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max).

MILBANK
ENERGY AT WORK

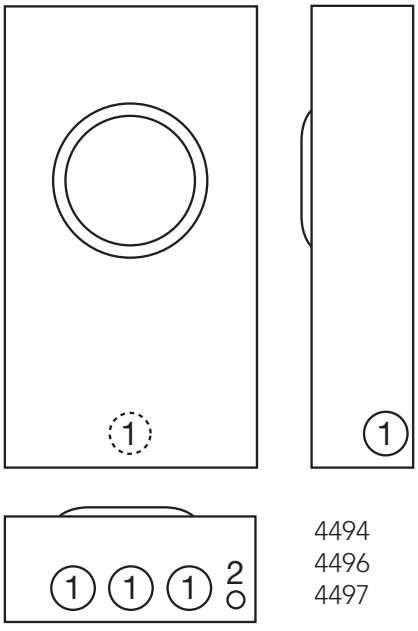
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Lever Bypass CT Rated Sockets

20 Amps | Ringless | w/ Test Switch Provision



U4497-XL





U4496-ZL-WC-41

20 Amps | 1-Piece Cover | CT Rated Sockets with Test Switch Provision | Lever Bypass | Ringless

Catalog Number	Terminals	Service	Hub	Connectors CU	Bypass	Dimensions			Knockouts	
						D"	W"	H"	1	2
U4494-XL	6	OH/UG	C.P.	#14 - #4 Max	Lever	4⅞	12	22	1½	¼,½
U4496-XL	8	OH/UG	C.P.	#14 - #4 Max	Lever	4⅞	12	22	1½	¼,½
U4497-XL	13	OH/UG	C.P.	#14 - #4 Max	Lever	4⅞	12	22	1½	¼,½

Notes

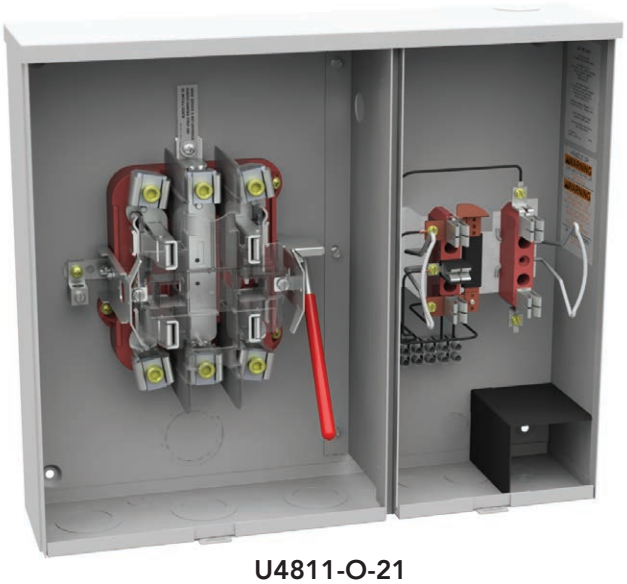
- **Prewiring:** If factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.
- **Connectors:** Units are supplied with mechanical type connectors (#4 max).
- **Hubs:** For proper hub selection, see the hub suffix chart on the accessories page.
- **Bypass:** Lever operates current bypass device and also supplies clamping action on current meter spades.
- **Test Switch Cover:** Units on this page 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.

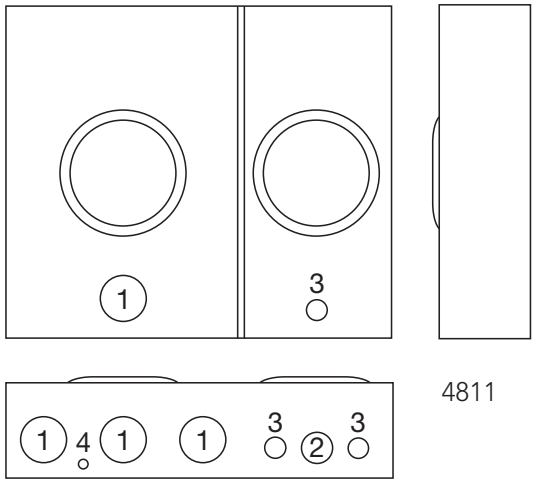
MILBANK
ENERGY AT WORK

Demand Side Management

200/20 Amps | 4 Terminals | Ringless



U4811-O-21



Application

The right position is used for sub-metering by the serving utility when a special electric rate is given to customers for devices that can shed load during high energy demand. Contact your local utility for more information.

Features

- Low voltage compartment in lower right corner
- Left position is a 200 Amps, 4 terminal heavy duty lever bypass interior
- Right position is 20 Amps rated with a fifth terminal in the 9 o'clock position and a plunger bypass
- Right position is prewired to the terminal strip for easy installation

200/20 Amps | 4 Terminals | Demand Side Management | Two Positions | Off-Peak Metering

Catalog Number	Service	Connectors / CU		Bypass	Dimensions			Knockouts			
		Left Side (Line & Load)	Right Side		D"	W"	H"	1	2	3	4
U4811-O-21	UG	#6-350	Terminal Strip	Lever/Plunger	4⅞	21	18	2	1¼	¾	¼,½

Notes

- **Fifth Terminal:** For field-installable fifth terminal on left side (200 Amps), order catalog number **K3866**.

MILBANK ENERGY AT WORK

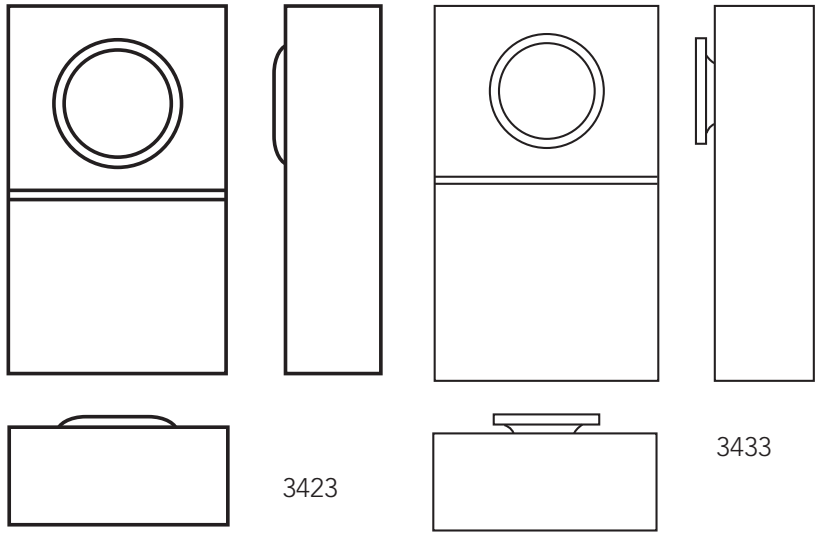
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Stainless Steel CT Rated

20 Amps | with Test Switch Provision



UCSS3433-O



20 Amps | CT Rated Socket with Test Switch Provision | Ringless | Stainless Steel

Catalog Number	Terminals	Service	Hub	Connectors CU	Cover	Dimensions			Knockouts
						D"	W"	H"	
UCSS3423-O	13	UG	Blank	#14 - #2 Max	2-Piece	5⅛	12	20	None

20 Amps | CT Rated Socket with Test Switch Provision | Ring Type | Stainless Steel

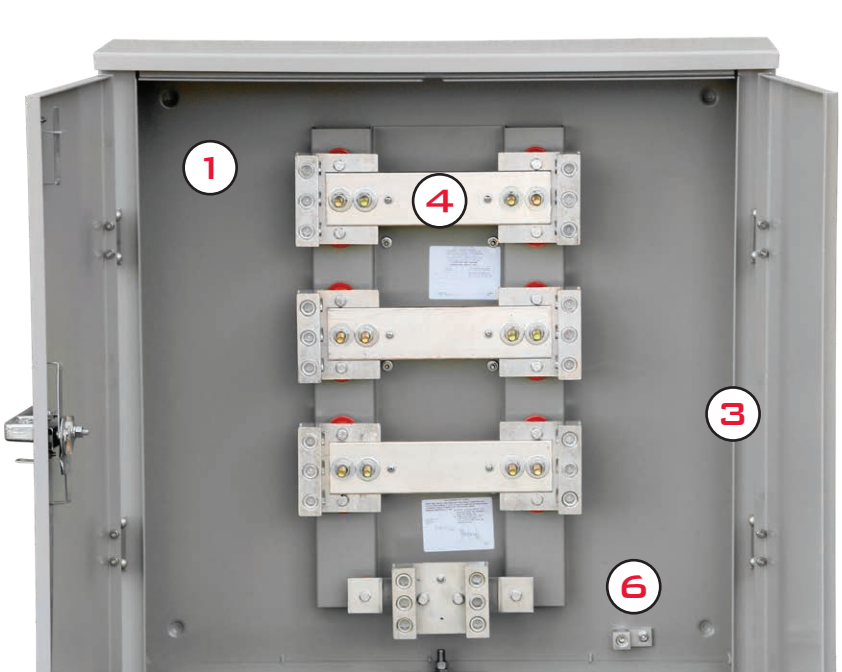
Catalog Number	Terminals	Service	Hub	Connectors CU	Cover	Dimensions			Knockouts
						D"	W"	H"	
UCSS3433-O	13	UG	Blank	#14 - #2 Max	2-Piece	5⅛	12	20	None

Notes

- **For Conduit Opening Applications:** All conduit openings have dimples provided to center location. Top conduit opening must have water-tight hub installed.
- **Other Stainless Steel Products:** Most units available in stainless steel—contact Milbank for details.
- **EUSERC Approval:** The **UCSS3433-O** is EUSERC compliant.

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.

CT Cabinets



U5990-O







(Window-style
CT not included)

Features and Benefits

1. **Powder Coat Painted NEMA 3R Shell:** As with all Milbank products, our enclosures are constructed of G90 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, non-fading finish.

2. **Three-point Latching Handle & Locking Mechanism:** Padlocking handle with three-point latching system allows for easy locking and securing of the unit.

3. **Hinged Double Doors:** Hinged overlapping double doors enhance ease of access and are secured with three-point latching system.

4. **Bar-type CT Rack:** Includes preplaced studs to mount bar-type CTs. Withstand rating is 50K.

5. **Lugs:** Line, load and neutral rack lugs are single 600 kcmil or twin 250 kcmil.

6. **Grounding Lug:** Single position, 350 kcmil.

Some units available in stainless steel—contact Milbank for details.

MILBANK
ENERGY AT WORK

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.

Transformer Cabinets

Continuous Hinge | Padlock Provision





CT Cabinets | NEMA 3R

Catalog Number	Gauge Steel	Dimensions			Panel Size		Painted Steel Panel Catalog Number	Wood Backboard Catalog Number
		W"	H"	D"	W"	H"		
243210-LC3R-SP	14	24	32	10	21	29	**A-24P32**	**A-24P32W**
303610-LC3R-SP	14	30	36	10	27	33	**A-36P30**	**A-36P30W**
423616-CT3R	14	42	36	16	39	33	**A-42P36**	**A-42P36W**

PT Cabinets

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



PT48AR



S7860

Notes

- **Features:** Supplied with studs, continuous hinge and padlock provision. Steel panels and plywood backboard are optional.
- **LC3R-SP:** Indicates a single door with two padlockable wing handles.
- **Pole-mounting:** For pole-mounted CT rack applications, order catalog number **S7860**.
- **Sizing:** There are other sizes of outdoor transformer cabinets available. Contact Milbank or refer to enclosures catalog for details.

***PT48AL** has mounting emboss on the right side to be mounted on left side of CT cabinet. **PT48R** has mounting emboss on left side to be mounted on right side of CT cabinet.

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.

Transformer Cabinets

CT Cabients



363612-CT3R

Application

- 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.

CT Cabinets | Panel Enclosure

Catalog Number	Weight (lbs.)	Dimensions			Steel Panel Catalog Number	Wood Panel Catalog Number
		W"	H"	D"		
363010-CT3R	99	36	30	10	**A-36P30**	**A-36P30W**
363016-CT3R	121.5	36	30	16	**A-36P30**	**A-36P30W**
363610-CT3R	113	36	36	10	**A-36P36**	**A-36P36W**
363612-CT3R	118	36	36	12	**A-36P36**	**A-36P36W**
363616-CT3R	139	36	36	16	**A-36P36**	**A-36P36W**
443010-CT3R	116	44	30	10	**A-30P44**	**A-30P44W**
483612-CT3R	147	48	36	12	**A-48P36**	**A-48P36W**
483616-CT3R	163	48	36	16	**A-48P36**	**A-48P36W**
484812-CT3R	210	48	48	12	**A-48P48**	**A-48P48W**
606013-CT3R	274	60	60	13	**A-60P60**	**A-60P60W**

MILBANK® ENERGY AT WORK

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.

Current Transformer Cabinets

Compatible with Field-installable Racks



CT24329-SC



CT203611-HC

Screw Cover

Catalog Number	CT Racks	Dimensions			Front Cover
		D"	W"	H"	
CT24329-SC	A4, C, D, G, J, M	9	24	32	1 Piece
CT242411-SC	G	11	24	24	1 Piece
CT243011-SC	A4, C, D, G, J, M	11	24	30	1 Piece
CT243611-SC	A4, C, D, G, J, M	11	24	36	1 Piece
CT244811-SC	A, C, D, G, J	11	24	48	1 Piece
CT303011-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	30	1 Piece
CT303611-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	36	1 Piece
CT363611-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	36	36	1 Piece
CT364211-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	36	42	2 Pieces
CT364811-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	36	48	2 Pieces
CT424211-SC	A, B, C, D, E, F, G, H, J, K, L, M	11	42	42	2 Pieces
CT484811-SC	A, C, D, G, J, M	11	48	48	2 Pieces
CT303614-SC	A4, B4, C, D, E, F, G, H, J, K, L, M	14	30	36	2 Pieces
CT364814-SC	A, B, C, D, E, F, G, H, J, K, L, M	14	36	48	2 Pieces
CT484814-SC	A, B, C, D, E, F, G, H, J, K, L, M	14	48	48	2 Pieces

Hinge Cover

Catalog Number	CT Racks	Dimensions			Front Cover
		D"	W"	H"	
CT203611-HC	A4, C, D, J	11	20	36	1 Piece
CT243011-HC	A4, C, D, G, J, M	11	24	30	1 Piece
CT243611-HC	A4, C, D, G, J, M	11	24	36	1 Piece
CT244811-HC	A, C, D, G, J, M	11	24	48	1 Piece
CT303611-HC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	30	36	1 Piece
CT304811-HC	A, B, C, D, E, F, G, H, J, K, L, M	11	30	48	1 Piece
CT363611-HC	A4, B4, C, D, E, F, G, H, J, K, L, M	11	36	36	1 Piece
CT364811-HC	A, B, C, D, E, F, G, H, J, K, L, M	11	36	48	1 Piece
CT484811-HC	B4, E, F, H, K, L	11	48	48	2 Pieces
CT364814-HC	A, B, C, D, E, F, G, H, J, K, L, M	14	36	48	2 Pieces
CT484814-HC	A, B, C, D, E, F, G, H, J, K, L, M	14	48	48	2 Pieces

Note

- **Enclosure: These units are rated NEMA 3R, powder coated and constructed of galvanized steel.**
- **Mounting Rack: Select CT mounting rack by matching the appropriate letter in CT Rack column with applicable letter in code column on page 22.**
- **Mounting: 1/4-20 welded studs.**

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.

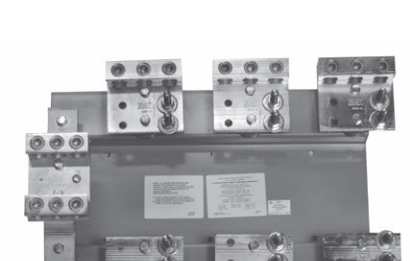
MILBANK ENERGY AT WORK

CT Cabinet Mounting Racks

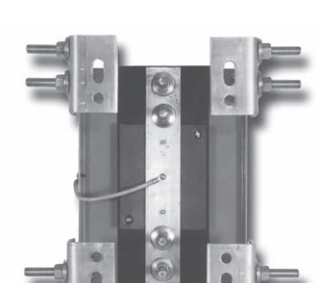
Studs and Lug Types | Meets EUSERC Standard



K4797



K4722



K4793 / K4795

CT Cabinet Mounting Racks

Catalog Number	Code	AIC Rating	Amps	Volts	Type of Service	Termination Type
K4797	A4	50K	400	600	1Ø3W	½ x 13 Studs on 1-¾" Centers
K4797	A	50K	800	600	1Ø3W	½ x 13 Studs on 1-¾" Centers
K4798	B4	50K	400	600	3Ø4W	½ x 13 Studs on 1-¾" Centers
K4798	B	50K	800	600	3Ø4W	½ x 13 Studs on 1-¾" Centers
K4793	C	10K	201-400	600	1Ø3W	½ x 13 Studs on 1-¾" Centers
K4795	D	10K	401-800	600	1Ø3W	½ x 13 Studs on 1-¾" Centers
K4794	E	10K	201-400	600	3Ø4W	½ x 13 Studs on 1-¾" Centers
K4796	F	10K	401-800	600	3Ø4W	½ x 13 Studs on 1-¾" Centers
K4729	G	50K	800	600	1Ø3W	(3) #4 - 600 or (6) #1 - 250
K4722	H	50K	800	600	3Ø4W	(3) #4 - 600 or (6) #1 - 250
K4903	J	50K	400	600	1Ø3W	(1) #4 - 600 or (2) #1 - 250
K4904	K	50K	400	600	3Ø4W	(1) #4 - 600 or (2) #1 - 250
K5747	L	50K	800	600	3Ø4W	Line: ½ x 13 Studs on 1-¾"Centers Load: (3) #4 - 600 or (6) #1 - 250
K5752	M	50K	800	600	1Ø3W	Line: ½ x 13 Studs on 1-¾"Centers Load: (3) #4 - 600 or (6) #1 - 250

Notes

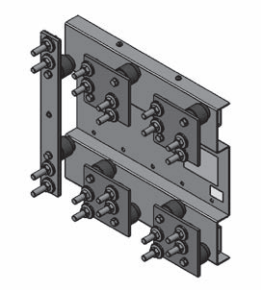
- **Racks:** CT racks on this page are for use with bar-type CTs

MILBANK
ENERGY AT WORK

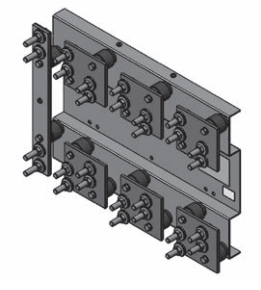
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

CT Cabinet Mounting Racks

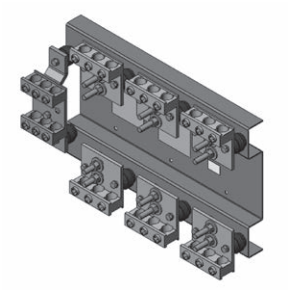
Studs and Lug Types | Non-EUSERC



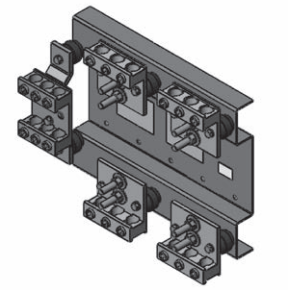
K5932



K5933



K5930



K5931

CT Cabinet Mounting Racks

Catalog Number	SCCR Rating	Amps	Volts	Type of Service	Termination Type
K5930	50K	800	600	3Ø4W	(3) #4-600 or (6) #1-250
K5931	50K	800	600	1Ø3W or 3Ø3W	(1) #4-600 or (2) #1-250
K5932	50K	400	600	1Ø3W or 3Ø3W	½"-13 Studs on 1¾" Centers
K5933	50K	400	600	3Ø4W	½"-13 Studs on 1¾" Centers

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.

CT Cabinets

CT Cabinet with Mounting Rack Included | 400-1200 Amps



U1855-O-NE

CT Cabinets with Mounting Rack Included

Catalog Number	Amps	Hub	Steel Gauge	Connectors CU/AL	Dimensions		
					D"	W"	H"
U1855-O-NE	400–800	Blank	12	3 connectors per phase	12	36	36
U1856-O-NE	801–1200	Blank	12	5 connectors per phase	12	48	48

Notes

- **Features:** These enclosures have three-point locking handles, lift-off hinges with stainless steel pins and two doors. They are also NEMA 3R rated.
- **Connectors:** Minimum #4, maximum 600 mcm.
- **Isolated Nuetral: U1855** and **U1856** both come from the factory with isolated neutrals. Bonding straps are included, but not attached, with each product if isolated neutral is not needed.

MILBANK
ENERGY AT WORK

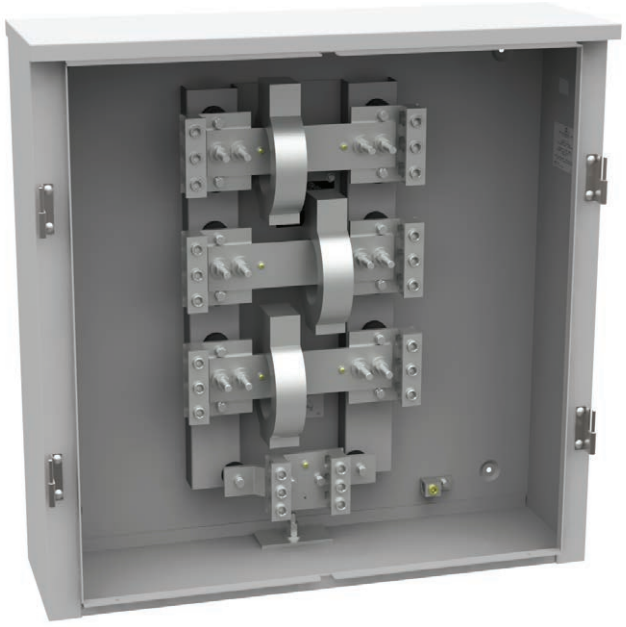
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Current Transformer Cabinets

400-800 Amps



U4468-XT



U5990-O

Current Transformer Cabinets | 3Ø

Catalog Number	Ampacity Wiring Chart				Hub	Dimensions		
	Amps	Wire Qty Per Phase	Aluminum Conductor	Copper Conductor		D"	W"	H"
U4468-XT	400	1	—	600 kcmil	(2) C.P.	10	24	45
	400	2	250 kcmil	3/0				
U5990-O	800	3	600 kcmil or 2-250	600 kcmil or 2-250	Blank	10	36	36

Notes

- **Hubs: U4468** is supplied with two closing plates as standard. To order hubs, refer to the accessories section.
- **Studs:** The **U4468** is supplied with ½"-13 twin studs with hex nuts with Belleville washers to mount bar-type transformers.
- **800 Amps Conversion Kit:** To convert **U4468** from 400 Amps to 800 Amps, order catalog number **K4469**.
- **Padlock:** The **U4468** is provided with a padlockable two-point latch. The **U5990** is provided with a padlockable handle with three-point latching mechanism.
- **Withstand Rating:** 50K SCCR available when conductors are lashed according to instructions on label.

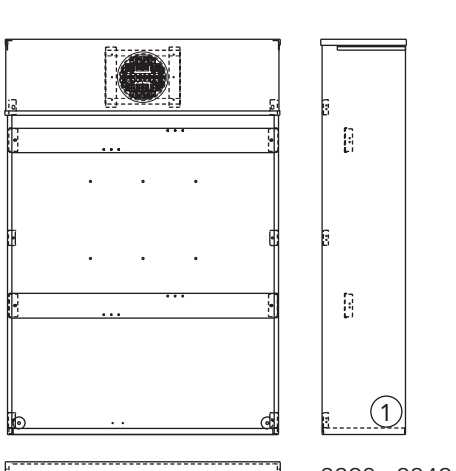
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Metered Transformer Cabinets

Screw Cover | Ring Type



U3565-O



Metered Transformer Cabinets | Ring Type

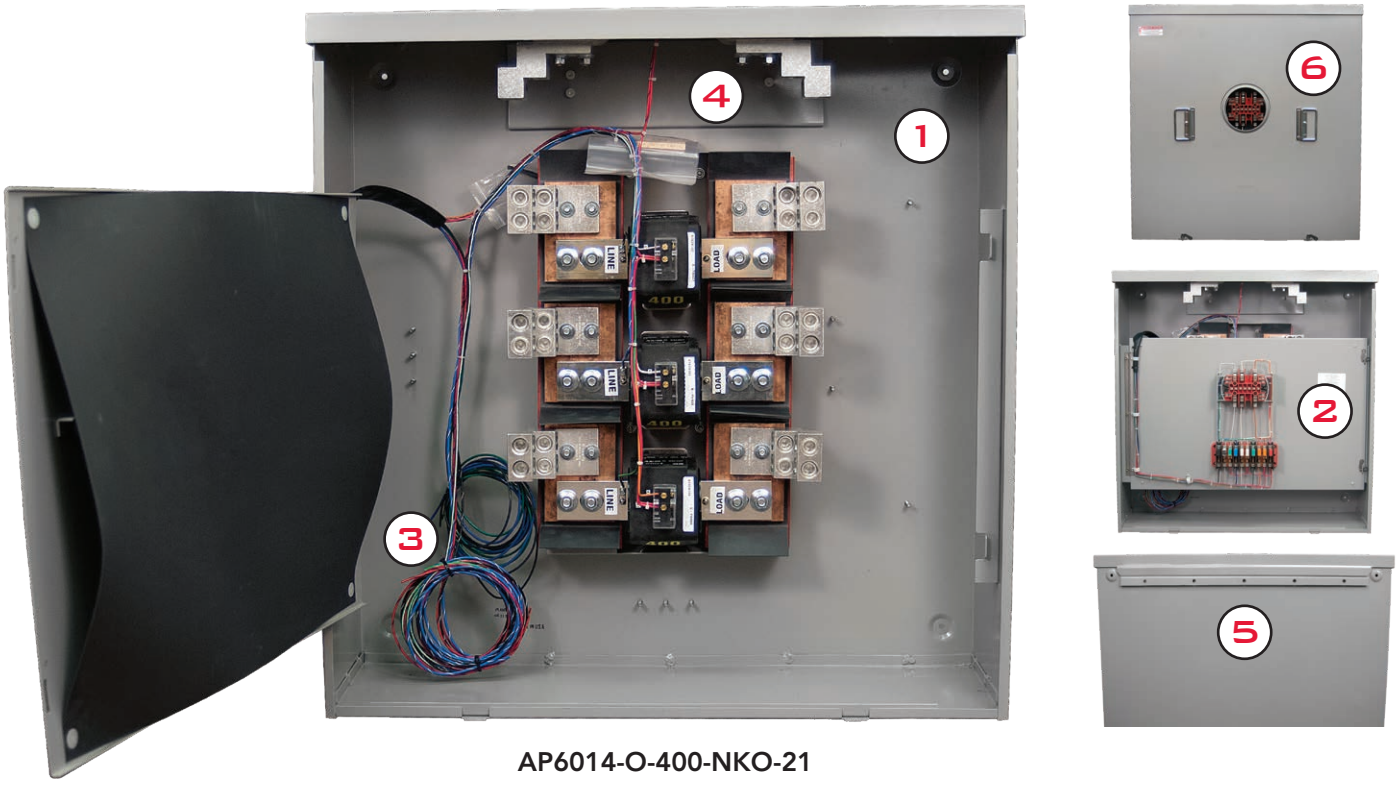
Catalog Number	Terminals	Service	Hub	Compatible CT Racks (see pg. 22 for matching code)	Type of Service	Dimensions			Knockouts	
						D"	W"	H"	1	2
U3320-R	6	OH	H.O.	A, C, D, G, J, M	1Ø3W	11	24	42	4	1
U3322-R	13	OH	H.O.	A, B, C, D, E, F, G, H, J, K, L, M	3Ø4W Y or Δ	11	36	42	4	1
U3555-R	15	OH	H.O.	A, B, C, D, E, F, G, H, J, K, L, M	3Ø4W Y or Δ	11	36	42	4	1
U3340-O	6	UG	Blank	A, C, D, G, J, M	1Ø3W	11	24	52	4	1
U3342-O	13	UG	Blank	A, B, C, D, E, F, G, H, J, K, L, M	3Ø4W Y or Δ	11	36	52	4	1
U3565-O	15	UG	Blank	A, B, C, D, E, F, G, H, J, K, L, M	3Ø4W Y or Δ	11	36	52	4	1

Notes

- **Meter Socket:** These products have a 20 Amps current transformer meter socket built in and a NEMA 3R enclosure with screw cover.
- **Mounting:** Use ¼–20 welded studs. For mounting rack information, refer to page 22.
- **Hubs:** For proper hub selection, see hub suffix chart on the accessories page.
- Test Switches: These units include test switch provision to mount above or below CT rack. Will accept 7- or 10-pole test switches.
- **Sealing Rings:** Supplied with **MR-4** screw type sealing ring.
- **EUSERC Approval:** All units on this page are EUSERC compliant.

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.

Transockets



AP6014-O-400-NKO-21

Features and Benefits

Transocket Overhead/Underground Capabilities: From the factory, the **rack** is oriented for underground applications but can be rotated 180° for overhead applications. The **neutral lugs** can be mounted on the side for overhead applications. The **VT pack mounting bridge** moves from the top to the right side for overhead applications.

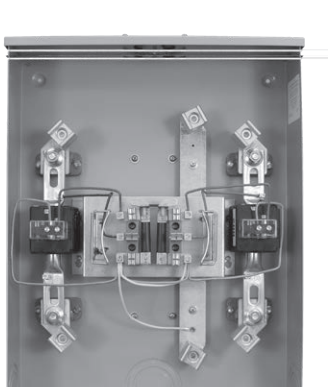
1. **NEMA 3R Aluminum Shell:** The aluminum shell reduces the overall weight of the unit and is powder coated.
2. **Meter Socket & Test Switch on Swinging Door:** Unit includes a 13-terminal CT rated block. An 8-terminal block option is also available. Includes a 10-pole test switch. A 7-pole test switch option is also available. Factory prewired to conform to individual utility specifications.
3. **Utility-specific Wiring Harness:** Wiring harness is color configured and wired per the utility specifications.
4. **VT Pack Mounting Bridge:** VT pack mounting bridge allows for installation of VT packs.
5. **Wall-mount Bracket:** Provides an easier means of installation for one installer, who can premount the bracket and then hang the unit onto the wall bracket.
6. **Stainless Steel Liftoff Handles:** The durable, rust-resistant hinged handles lay flat against the front.

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.

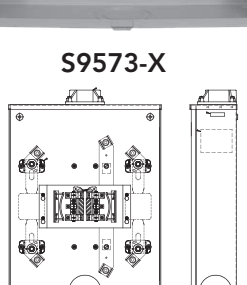
MILBANK ENERGY AT WORK

Transockets

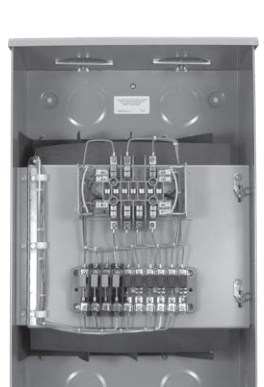
400–600 Amps | Ringless | 600V



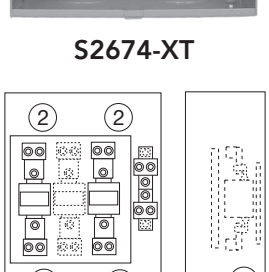
S9573-X



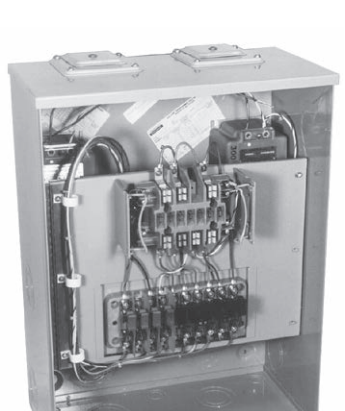
9573



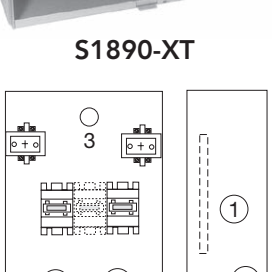
S2674-XT



2674
2690
3831



S1890-XT



1890
1891
3912

400 Amps | Transockets | Bar Type CTs Only | Ringless | 600V

Catalog Number	Terminals	Hub	Meter Form	CTs Qty and Ratio	Termination Type	Dimensions			Knockouts		
						D"	W"	H"	1	2	3
S9573-RXL	6	C.P.	4S	(2) 200/5	Lay-in lugs	5¾	19½	27	3½	¼,½	—
S3831-XT	6	(2) C.P.	4S	(2) 200/5	Lay-in lugs	11¼	18	30	4	3½	1
S2690-XT	8	(2) C.P.	5S	(2) 200/5	Lay-in lugs	11¼	18	30	4	3½	1
S2674-XT	13	(2) C.P.	8S	(3) 200/5	Lay-in lugs	11¼	18	30	4	3½	1

600 Amps | Transockets | with PTs and Donut Type CTs | Ringless | 600V

Catalog Number	Terminals	Hub	Meter Form	PTs Qty and Ratio	CTs Qty and Ratio	Termination Type	Dimensions			Knockouts		
							D"	W"	H"	1	2	3
S1891-XT	8	(2) C.P.	5S	(2) 4:1	(2) 200/5	Lugs mounted directly to current transformer	9½	18	24	2½	1	1 1/16

Notes

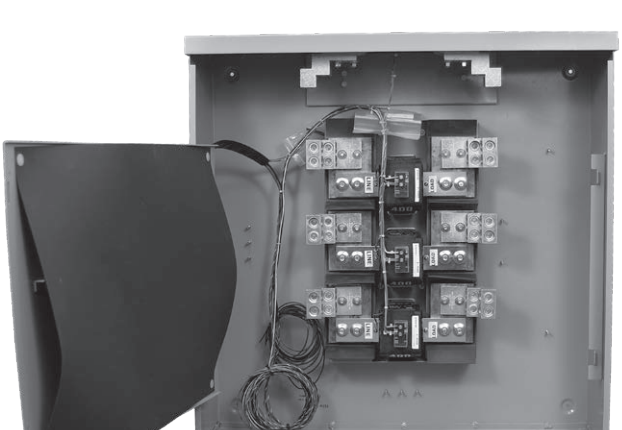
- **Hubs:** To order additional hubs, see hub suffix chart on the accessories page.
- **Prewiring:** Units supplied prewired with test switch and transformers in place. Contact factory if prewiring is desired.

MILBANK
ENERGY AT WORK

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.

Transockets

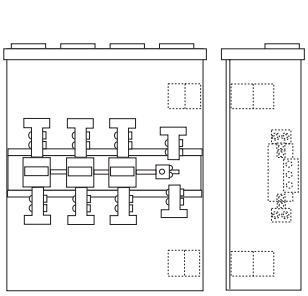
Compatible with CTs, PTs or VT Packs



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



S2777-4X
(shown factory prewired)



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

Catalog Number	Terminals	Hub	Phase	Test Switch	VT Pack Provision	CTs Qty & Ratio	Dimensions			Knockouts
							D"	W"	H"	
AP6015-O-400-NKO*	8	Blank	1Ø or 3Ø3W	7-pole	Yes	(2) 400/5	12 1/16	36	37	None
AP6014-O-400-NKO	13	Blank	3Ø4W	10-pole	Yes	(3) 400/5	12 1/16	36	37	None

Notes

- **Shell:** Shell is painted aluminum and is NEMA 3R rated.
- **Prewiring:** If custom factory prewiring is required, be sure to specify test switch requirements, meter form number and provide a copy of your wiring diagram. If CTs are to be factory-installed, specify CT ratio.
- **VT Pack Provision:** VT pack bridge included; VT pack not included.
- **Removable/Rotatable CT Rack:** These units include a CT rack, which can be rotated 180 degrees for both overhead and underground applications.
- **Wall-mount Bracket:** Bracket included for ease of hanging and installation.
- **Lugs:** Lugs are included with these units.

***For 3Ø3W Delta configurations, order kit **K6198**.

1600 Amps | 14 Terminals | Ringless | 3Ø4W | Transockets

Catalog Number	Terminals	Service	Hub	Test Switch	PTs Qty & Ratio	CTs Qty & Ratio	Dimensions			Knockouts
							D"	W"	H"	1
S2777-4X	14	OH/UG	(4) C.P.	10-pole	(2) 2.5:1	(3) 400/5	14	30	42	½
S2811-4X	14	OH/UG	(4) C.P.	10-pole	None	(3) 400/5	14	30	42	½

Notes

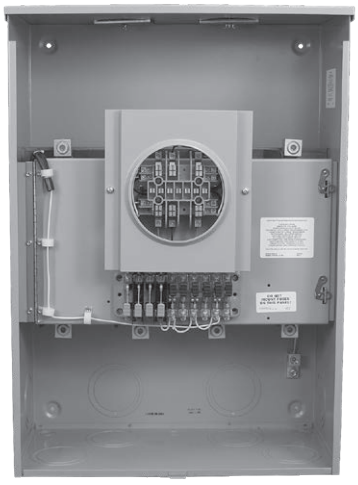
- **Hubs:** Units supplied with four closing plates as standard. To order additional hubs, see hub suffix chart on the accessories page.
- **Prewiring:** If custom factory prewiring is required, be sure to specify test switch requirements, meter form number and provide a copy of your wiring diagram. If CTs are to be factory-installed, specify CT ratio and PTs, if applicable.

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.

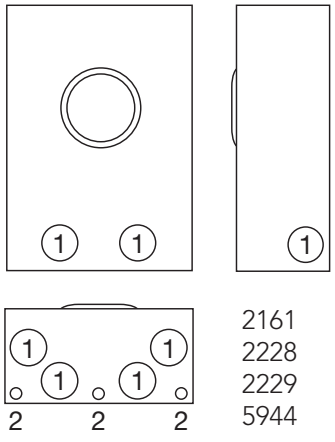
MILBANK
ENERGY AT WORK

Transockets

400 Amps | 600V



U5944-XT
(shown factory prewired)



2161
2228
2229
5944



U2161-XT

400 Amps | 6–13 Terminals | Transockets | Ringless

Catalog Number	Terminals	Service	Hub	Test Switch	Front Cover	Phase	Dimensions			Knockouts	
							D"	W"	H"	1	2
U2228-XT	6	OH/UG	(2) C.P.	Provision	Hinged	1Ø	12	24	34	4	1
U2229-XT	8	OH/UG	(2) C.P.	Provision	Hinged	1Ø or 3Ø3W	12	24	34	4	1
U2161-XT	13	OH/UG	(2) C.P.	Provision	Hinged	3Ø4W	12	24	34	4	1
U5944-XT	13	OH/UG	(2) C.P.	Provision	Lift-off	3Ø4W	12	24	34	4	1

Notes

- **Hubs:** Units are supplied with two closing plates as standard. To order additional hubs, see the hub suffix chart on accessories page.
- **Shell:** Shell is powder coat painted G90 galvanized steel and NEMA 3R rated.
- **Prewiring:** If custom factory prewiring is required, be sure to specify test switch requirements, meter form number and provide a copy of your wiring diagram. If CTs are to be factory-installed, specify CT ratio. There is no provision for PTs in these cabinets.
- **Studs:** ½"-13 twin studs are supplied to mount bar type transformers. Hex nuts with Belleville washers are also supplied.
- **Lugs:** Lugs are included with these units.

MILBANK
ENERGY AT WORK

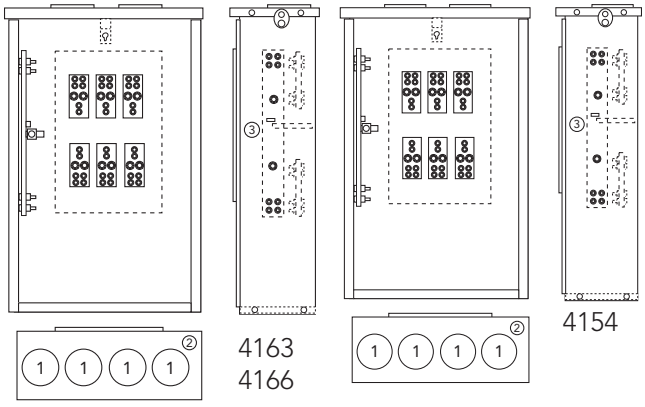
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

Transockets

200-800 Amps | 600V

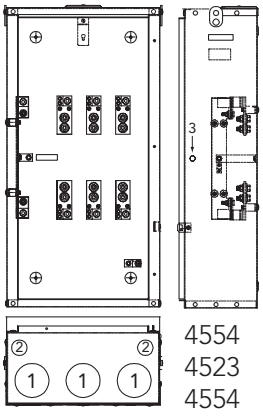


U4163-XT-11-LI



4163
4166

4154



4554
4523
4554



U4163-XT-11-LI

200-800 Amps | 6-13 Terminals | Transockets | Ringless | C.P. Hub

Catalog Number	Terminals	Service	Amps	Connectors		Phase	Dimensions			Knockouts		
				Line	Load		D"	W"	H"	1	2	3*
U4554-X-Z21-LI	6	OH/UG	200/400	#4-600	#4-600	1Ø	10	21	41	4	1¼	⅜
U4554-X-Z21-K6SP-LI	6	OH/UG	200/400	(2) #6-350	(2) #6-350	1Ø	10	21	41	4	1¼	⅜
U4166-XT-Z21-LI	6	OH/UG	400/800	#4-600	#4-600	1Ø	10	26	51	4	1¼	⅜
U4523-X-Z11-LI	13	OH/UG	200/400	#4-600	#4-600	3Ø	10	21	41	4	1¼	⅜
U4523-X-Z11-K6SP-LI	13	OH/UG	200/400	(2) #6-350	(2) #6-350	3Ø	10	21	41	4	1¼	⅜
U4163-XT-11-LI	13	OH/UG	400/800	#4-600	#4-600	3Ø	10	26	51	4	1¼	⅜

Notes

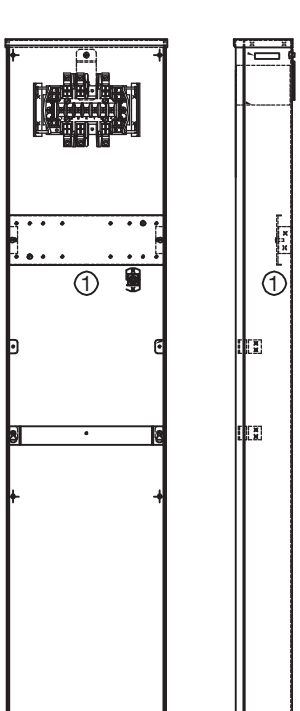
- **Lugs:** Lugs are provided and are rated up to single 600 kcmil - #4 AWG.
- **SCCR:** These units have a 50K short circuit current withstand rating.
- **Mounting:** Units are furnished with ½"-13 studs, washers and hex nuts and bolt with conical washer for CT mounting.

*This is a ⅜" hole with plastic plug, not a concentric knockout.

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.

Instrument Rated Pedestal

20 Amps | 13 Terminals | with Test Switch Provision



S4084-O

20 Amps | Instrument Rated Pedestal | with Test Switch Provision | Ringless

Catalog Number	Terminals	Hub	Meter Form	Connectors CU	Bypass	Dimensions			Knockouts
						D"	W"	H"	1
S4084-O	13	Blank	6, 8, 9 & (ALT) 10S	#14-#10	None	4⅛	12	58	1¼

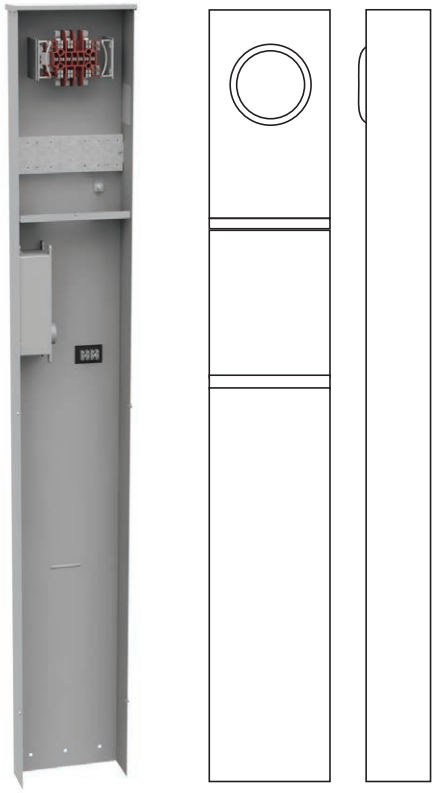
Notes

- **Terminals:** Also available in six and eight terminals.

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.

Instrument Rated Pedestal

with VT Pack Provision



SC6129 6129

20 Amps | Transformer Rated Sockets | VT Pack Provision | Ringless

Catalog Number	Terminals	Service	Hub	Connectors CU	Dimensions			Knockouts	
					D"	W"	H"	1	2
SC6129-O	13	UG	Blank	#14 - #4 Max	5⅛	12	84	None	

Notes

- **Bridge:** VT pack compatible bridge provision provided.

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.

Power Distribution & Controls

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

Milbank Power Distribution & Controls are an alternative to unsightly and inefficient strut and backboard structures. Power distribution and 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

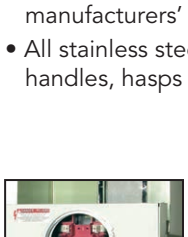


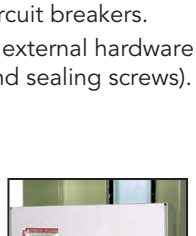
Commercial Pedestal

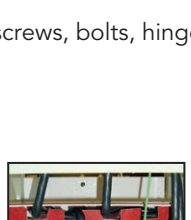
UL-listed as Industrial Control Equipment (File E113855)

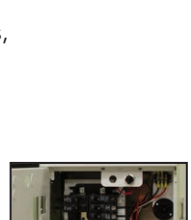
Standard Features

- NEMA 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).











MILBANK
ENERGY AT WORK

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.

Power Distribution & Controls

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





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 fairgrounds, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances.

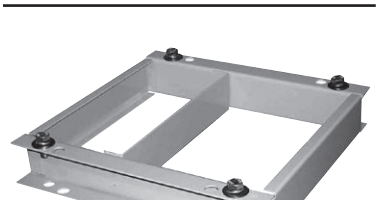
Available Factory-Installed Options

- 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

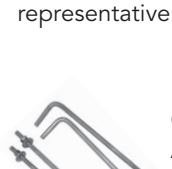
Options

- 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 - 13 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

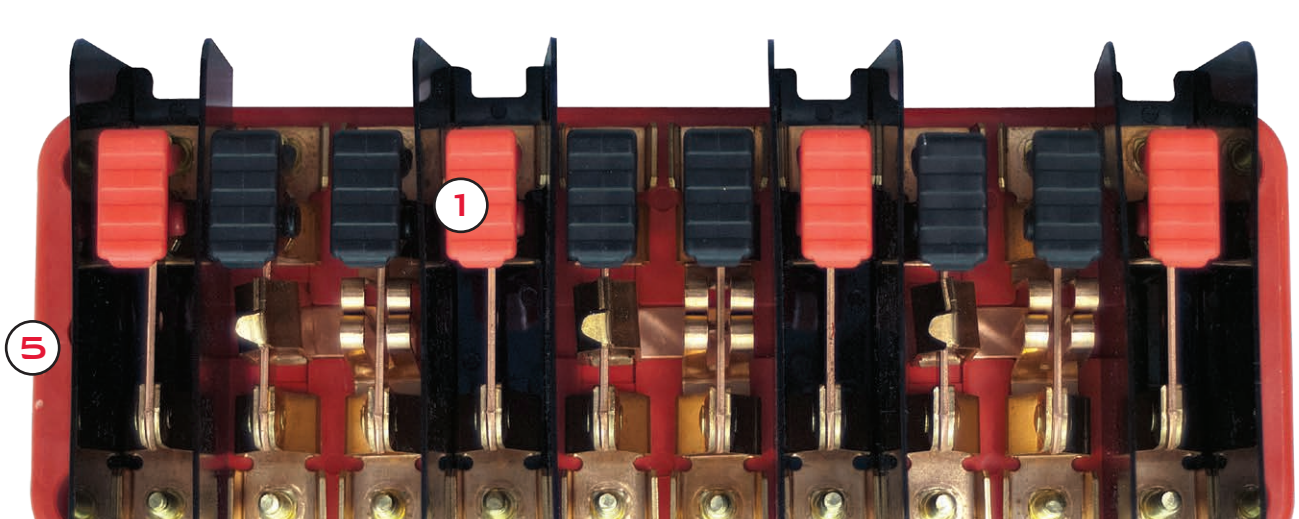


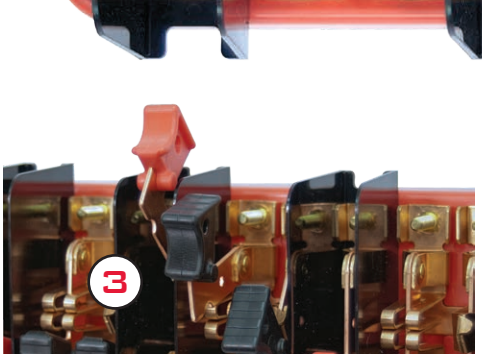
CP-PE-HOA-3POS
HOA switch for field installation

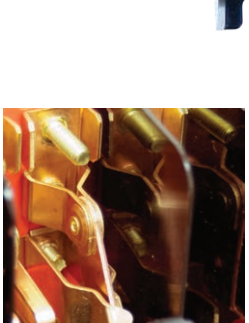
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes,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

MILBANK
ENERGY AT WORK

Test Switches











Features and Benefits

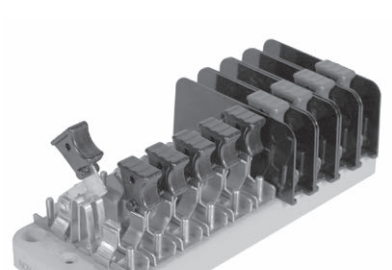
1. **Handle Color Options:** Standard colors are black for current and red for potential. Many non-standard colors are available—contact Milbank for details. Handle material is polypropylene.
2. **45-degree Stops:** 90-degree bends on 45-degree stops are standard. 180-degree bends are available where additional strength is required.
3. **Test Switch Barriers:** Test switch barriers are made of polycarbonate as standard.
4. **Test Switch Covers:** Polycarbonate (clear or black). Test switch cover is clear when factory-installed unless otherwise specified.
5. **Test Switch Base:** Test switch bases are red as standard and made of glass polyester.
6. **Arboron Test Switch Base & Barriers Option:** Base and barriers are available in Arboron, a thicker and more rigid material that provides extra strength.

MILBANK
ENERGY AT WORK

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

Details and Test Switch Covers



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 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 using catalog number **K3388**. Black flush mount covers are also available. Order catalog number **K3388-BLK-FL**. 10-pole base only.



Test Switch Base

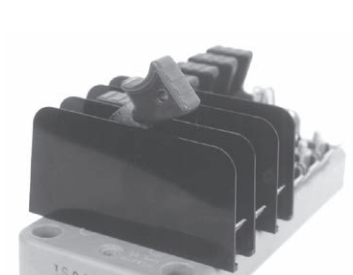
The base is molded from a high strength, fiberglass reinforced, thermoset polyester. This material is track resistant, flame retardant and has low water absorption qualities. Bases are available in 7-pole and 10-pole sizes.

Switch Jaws

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

Nickel Plating Option

Corrosion-resistant test switches with nickel plating are available as an option.



Polarity Barrier

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

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 Milbank to special order.

Standard Cover

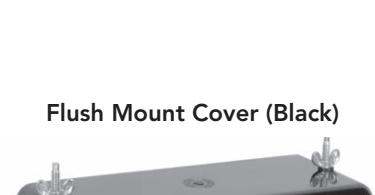


Socket shells must be 5⅛" deep

-OR-

must not have test switch bridge mounted on back in order to support a cover.

Flush Mount Cover (Black)



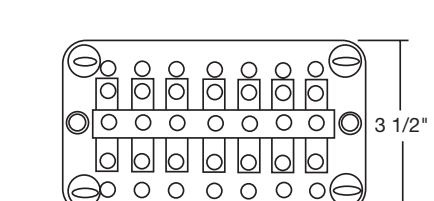
Factory-installed: For factory-installed cover add the suffix **-WC** or **-WCB** to the catalog number of desired test switch.
Field-installed: For field-installable cover, order kit number **K3388** or **K3388-BLK-FL**.

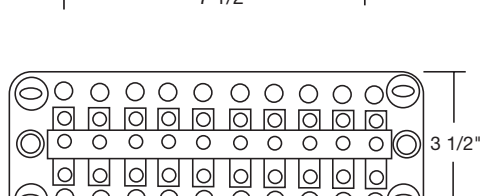
The Milbank test switch is designed to meet the critical requirements of the electric utility industry. Not only do they meet EEI, ANSI C12.9 and UL standards, but they combine several special features giving the Milbank test switch increased safety, durability and reliability. One such feature is our 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.

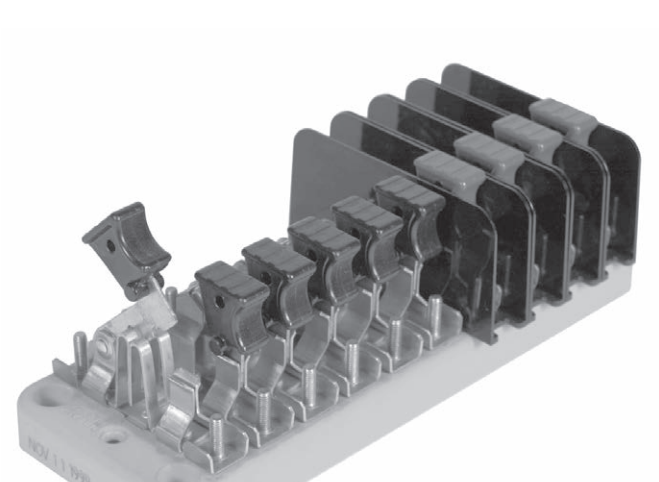
Please consult serving utility for their requirements prior to ordering or installing, as specifications and approvals vary by utility, and may require local electrical inspector approval. All installations must be installed by a licensed electrician and must comply with all national and local codes, 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







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
⌊ ⌋	Insulating barrier, isolates both sides of switch

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 bussing is required, different catalog numbers will apply.

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	C+
TS07-0106	X	⌊P⌋	C+	C	⌊P⌋	C+	C	⌊Pn⌋	X	X

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+

MILBANK
ENERGY AT WORK

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 Switch Worksheet



Customer Name: _____

Address: _____

_____

Phone / Email: _____

Handle Color Key							
BK	Black	P	Purple	Y	Yellow	GN	Green
R	Red	BL	Blue	W	White	BKS	Black Stripe
BR	Brown	GR	Gray	O	Orange	WS	White Stripe

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.

Pole Position Chart

1	2	3	4	5	6	7	8	9	10

Special Features

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

Engineering Information: _____

_____

_____

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
⌊	Insulating barrier (one side)
⌊⌋	Insulating barrier (two sides)

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.

Number of Poles

- ☐ 4
- ☐ 7
- ☐ 10
- ☐ Other ____

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

- ☐ Yes | Clear ___ Black ___
- ☐ No

Base Size

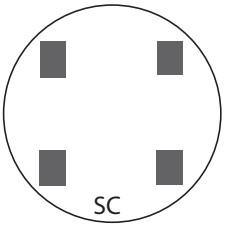
- ☐ 7-Pole
- ☐ 10-Pole

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.

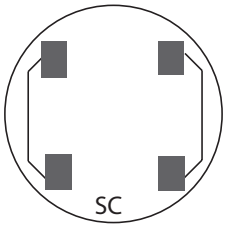
MILBANK® ENERGY AT WORK

Watthour Meter Forms

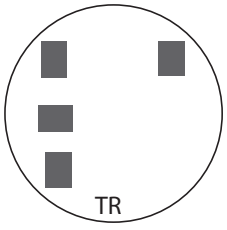
Standard Forms | Transformer Rated or Self-Contained



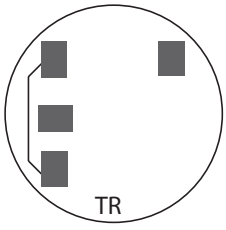
2 and 3-WIRE FORMS
1S & 2S



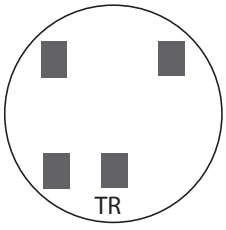
2 and 3-WIRE FORMS
1S & 2S with BYPASS



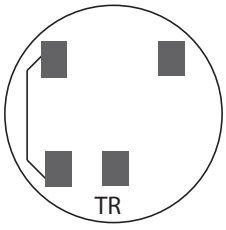
2-WIRE FORM 3S
5th Term. 9 o'clock



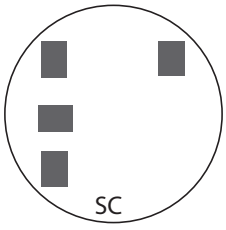
2-WIRE FORM 3S
with BYPASS



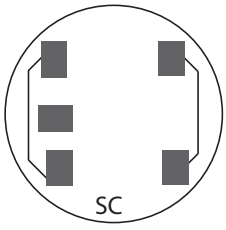
2-WIRE FORM 3S
5th Term. 6 o'clock



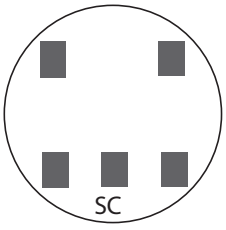
2-WIRE FORM 3S
with BYPASS



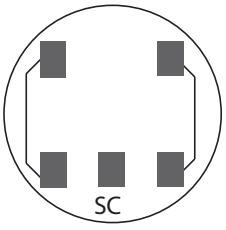
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 9 o'clock



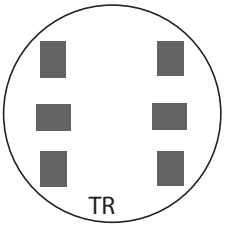
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 9 o'clock



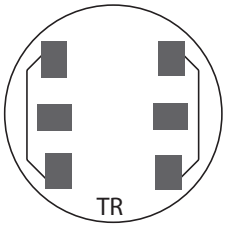
2 ELEMENT
3-WIRE NETWORK
FORM 12S 5th
TERM. 6 o'clock



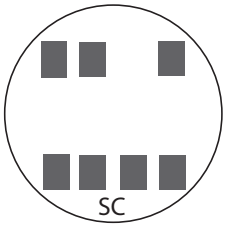
2 ELEMENT 3-WIRE
NETWORK FORM 12S
with BYPASS
5th Term. 6 o'clock



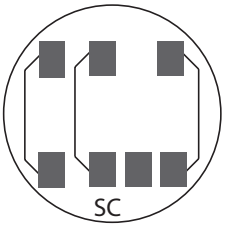
3-WIRE FORM 4S



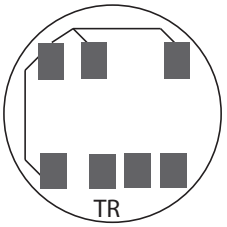
3-WIRE FORM 4S
WITH BYPASS



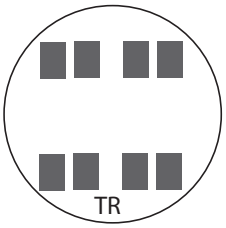
2 or 3 ELEMENT
3Ø4W Y or
Y FORM 14S
FORM 15S
Y FORM 16S



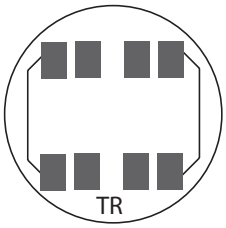
2 or 3 ELEMENT
3Ø4W Y or Δ
FORMS 14S & 15S
with BYPASS



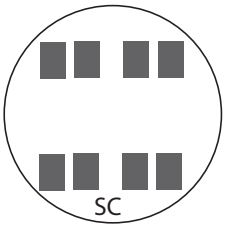
2 ELEMENT
3Ø4W Y or
Y FORM 7S
FORM 24S
with BYPASS



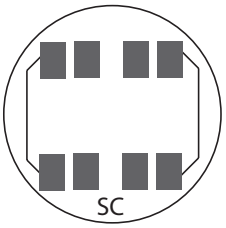
2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 5S



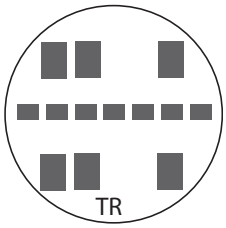
2 ELEMENT Ø3W,
2Ø4W, 3Ø3W
FORM 5S with
BYPASS



2 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S

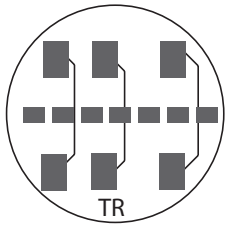


2 or 3 ELEMENT
2Ø3W, 2Ø4W, 3Ø3W
FORM 13S with
BYPASS

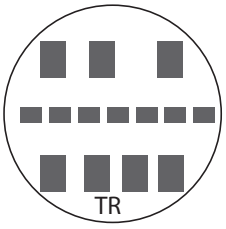


2 or 3 ELEMENT
3Ø4W Y or
Y FORM 9S
FORM 8S

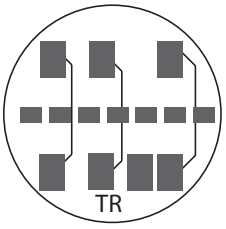
TR = TRANSFORMER RATED
SC = SELF-CONTAINED



2 or 3 ELEMENT



2 ELEMENT



2 ELEMENT

MILBANK
ENERGY AT WORK

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.

Meter Forms

Reference Information

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

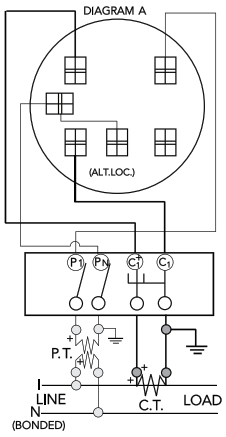


DIAGRAM B
1Ø3W with 1 C.T.
Single Stator Meter (2W1Ø) - Form 3S
5T Socket, Test Switch #TS04-0101

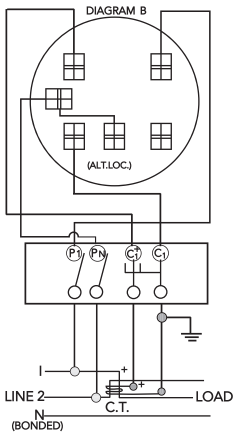


DIAGRAM C
1Ø3W with 2 C.T.'s
Single Stator Meter (3W1Ø) - Form 4S
6T Socket, Test Switch #TS07-0105

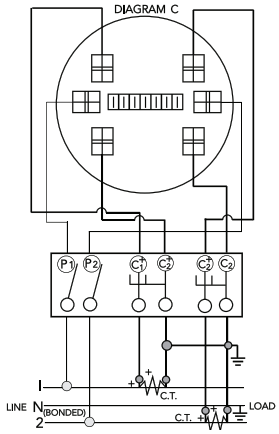


DIAGRAM D
1Ø3W or 3W Network with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

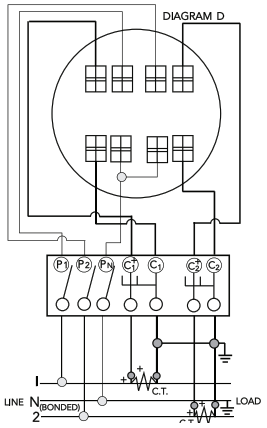


DIAGRAM E
3Ø3W "Δ" with 2 P.T.'s and 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

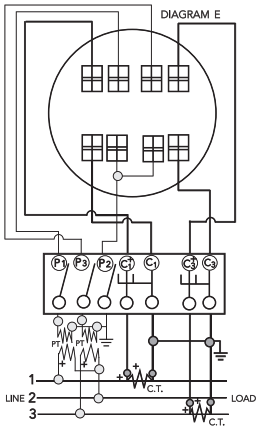


DIAGRAM F
3Ø3W "Δ" with 2 C.T.'s
2 Stator Meter - Form 5S
8T Socket, Test Switch #TS07-0105

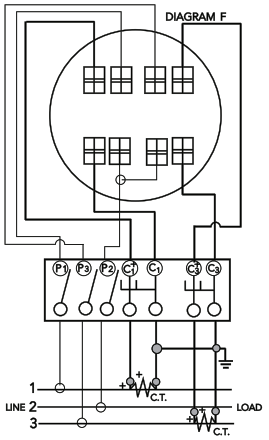


DIAGRAM G
3Ø4W "Y" with 3 C.T.'s
2 ½ Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

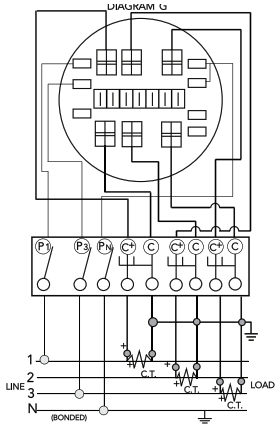


DIAGRAM H
3Ø4W "Y" with 2 P.T.'s and 3 C.T.'s
2 ½ Stator Meter - Form 6S
13T Socket, Test Switch #TS10-0109

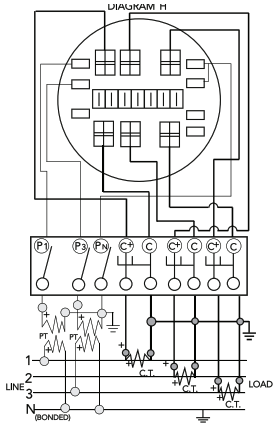


DIAGRAM I
3Ø4W "Y" or "Δ" with 3 C.T.'s
"Y" 3 Stator Meter - Form 9S
"Δ" 2 Stator Meter - Form 8S
13T Socket, Test Switch #TS10-0109

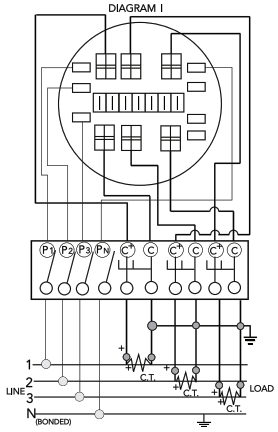
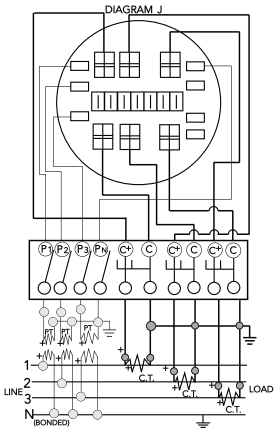


DIAGRAM J
3Ø4W "Y" with 3 P.T.'s and 3 C.T.'s
3 Stator Meter - Form 9S
13T Socket, Test Switch #TS10-0109



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.

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.

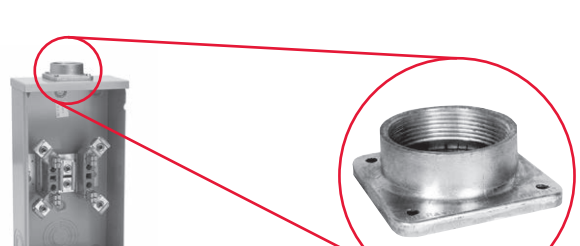
MILBANK
ENERGY AT WORK

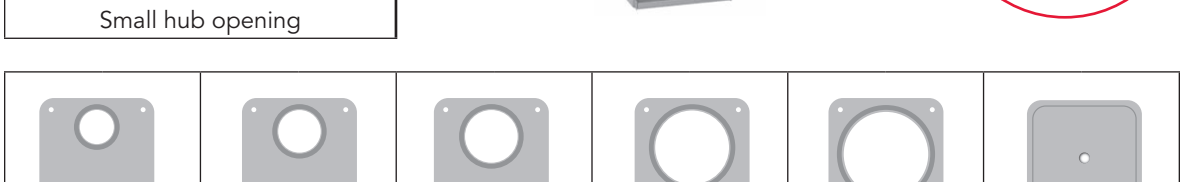
Accessories

Hubs and Closing Plates

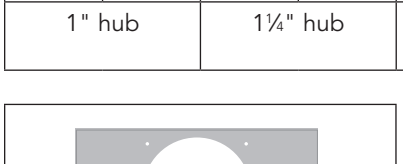


-RL
Small hub opening

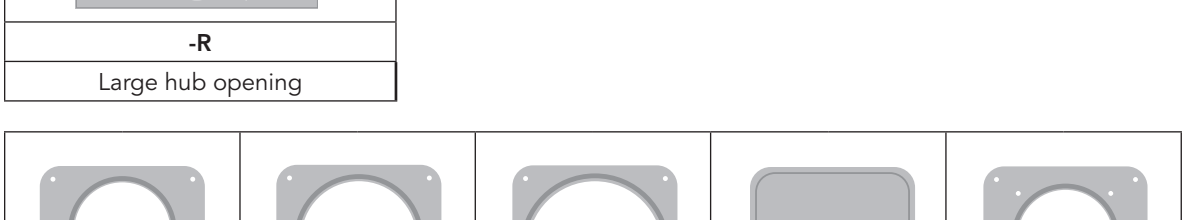




-WL	A7514	-YL	A7515	-ZL	A7516	-DL	A7517	-EL	A7518	-XL	A7551
1" hub		1¼" hub		1½" hub		2" hub		2½" hub		Small closing plate	



-R
Large hub opening



-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).

MILBANK
ENERGY AT WORK

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.

Accessories

Closing Covers, Sealing Rings and Touch-Up Paint

Closing Covers

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

Sealing Rings

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

Touch-Up Paint



A-GP - Light Gray

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.

MILBANK
ENERGY AT WORK

Energization of Electrical Equipment

Important Information for Installers

Important Note

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

Before Energizing

1. Give equipment a thorough visual examination to determine that:
- a) no shipping or installation damage exists.
- b) proper clearances have been maintained.
- c) all connections have been made.
- d) equipment is clean and dry.

2. Make a thorough examination to:
- a) verify tightness of all bolted connections (see table below).
- b) manually operate all circuit breakers, switches, relays, etc.
- c) check rigidity of all mountings, bus bars and components.
- d) use test equipment to check continuity of circuitry and integrity of insulation.

3. All switches and circuit breakers should be in the OFF position.

4. Verify that manual meter bypass (if applicable) is in non-bypass position.

5. Install cover and/or close doors.

6. If installation is not being energized at this time, follow "after-energizing" steps listed below. These steps will secure the installation in case of accidental energization.

When Energizing

1. Use caution and follow established safety procedures:
- a) wear safety apparel.
- b) use safety equipment.
- c) take action to prevent injury to yourself and others in the event of failure of the installation.
- d) take action to prevent/decrease damage to property in the event of failure of the installation.
- e) if you are unsure how to safely energize the installation, get someone who is knowledgeable to do it.

After Energizing

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

Recommended Torque for General Applications*

Nominal Size	Joint Description		Head Type	Torque (Inch Lbs.)
	Screw	Nut		
10	Brass	Brass nut or extruded hole	All	20-25 inch lbs.
10	Steel	Copper or aluminum busbar ≤ 1/8"	All	25-30 inch lbs.
10	Steel	Steel nut or extruded hole; CU or AL busbar > 1/8"	All	30-35 inch lbs.
12	Steel	Aluminum extruded hole	All	30-35 inch lbs.
12	Steel	Steel nut or extruded hole	All	40-50 inch lbs.
1/4	Steel	Aluminum extruded hole	All	40-50 inch lbs.
1/4	Steel	Steel nut or extruded hole; CU or AL busbar	All	50-60 inch lbs.
5/16	Steel	Aluminum extruded hole	Hex	60-70 inch lbs.
5/16	Steel	Steel nut or extruded hole; CU or AL busbar	Hex	100-150 inch lbs.
3/8	Steel	Steel nut	Hex	150-200 inch lbs.
1/2	Steel	Steel nut	Hex	200-250 inch lbs.

* Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first.
CU: Copper
AL: Aluminum

MILBANK
ENERGY AT WORK

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.

Materials and Finishes

Reference Information

Materials

Steel Quality

The meter equipment listed in this catalog is made of galvanized steel (AISI* G90) to maximize weather resistance.
*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 your local Milbank Manufacturers' Representative.

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 otherwise specified on individual product pages. All enclosures with a UL designation are constructed per the appropriate UL standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), Panelboards (UL 67, File E32628) and Pullout Switches (UL 1429, File E133062). Additional standards are utilized as applicable: Meter Sockets (ANSI C12.7), Test Switches (ANSI C12.9) and Panelboards (NEMA PB-1).

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.

MILBANK
ENERGY AT WORK

Index

Symbols

6003 43
6116 43
243210-LC3R-SP 19
303610-LC3R-SP 19
363010-CT3R 20
363016-CT3R 20
363610-CT3R 20
363612-CT3R 20
363616-CT3R 20
423616-CT3R 19
443010-CT3R 20
483612-CT3R 20
483616-CT3R 20
484812-CT3R 20
606013-CT3R 20

A

A-30P44 20
A-30P44W 20
A-36P30 20
A-36P30W 20
A-36P36 20
A-36P36W 20
A-48P36 20
A-48P36W 20
A-48P48 20
A-48P48W 20
A-60P60 20
A-60P60W 20
A7514 42
A7515 42
A7516 42
A7517 42
A7518 42
A7551 42
A8110 42
A8111 42
A8112 42
A9064 42
A-GP 43
AP6014-O-400-NKO 29
AP6015-O-400-NKO 29
APC6209-WL 6
APC6235-XL 12
APC6260-WL 6

C

CT24329-SC 21
CT203611-HC 21
CT242411-SC 21
CT243011-HC 21
CT243011-SC 21
CT243611-HC 21
CT243611-SC 21
CT244811-HC 21
CT244811-SC 21
CT303011-SC 21
CT303611-HC 21
CT303611-SC 21
CT303614-SC 21
CT304811-HC 21
CT363611-HC 21
CT363611-SC 21
CT364211-SC 21
CT364811-HC 21
CT364811-SC 21
CT364814-HC 21
CT364814-SC 21
CT424211-SC 21
CT484811-HC 21
CT484811-SC 21
CT484814-HC 21
CT484814-SC 21

K

K4722 22
K4729 22
K4793 22
K4794 22
K4795 22
K4796 22
K4797 22
K4798 22
K4903 22
K4904 22
K5747 22
K5752 22
K5930 23
K5931 23
K5932 23
K5933 23

M

MR-2 43
MR2-SS 43
MR-4 43

P

PT48AL 19
PT48AR 19

MILBANK®
ENERGY AT WORK

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.

Index

S

S1891-XT 28
S2674-XT 28
S2690-XT 28
S2777-4X 29
S2811-4X 29
S3831-XT 28
S4084-O 32
S8324 42
S9573-RXL 28
SC6010-O-BL-2* 13
SC6011-O-BL-2* 13
SC6128-XL 12
SC6129-O 33
SC6236-XL-41 12
SC6499-XL 11
SC6504-XL 11

T

TS04-0101 38
TS04-0104 38
TS07-0049 38
TS07-0105 38
TS07-0106 38
TS10-0016 38
TS10-0109 38
TS10-0110 38
TS10-0111 38
TS10-0112 38

U

U1855-O-NE 24
U1856-O-NE 24
U2161-XT 30
U2228-XT 30
U2229-XT 30
U3320-R 26
U3322-R 26
U3340-O 26
U3342-O 26
U3555-R 26
U3565-O 26
U4163-XT-11-LI 31
U4166-XT-Z21-LI 31
U4468-XT 25
U4490-XL 14
U4492-XL 14
U4493-XL 14
U4494-XL 15
U4496-XL 15
U4497-XL 15
U4523-X-Z11-K6SP-LI 31
U4523-X-Z11-LI 31
U4554-X-Z21-K6SP-LI 31
U4554-X-Z21-LI 31
U4811-O-21 16
U5944-XT 30
U5990-O 25
UC1290-XL 5
UC1291-RL 5
UC1299-XL 5
UC1300-RL 5
UC3423-XL 9
UC3425-XL 9
UC3426-XL 9
UC3428-XL 9
UC3433-XL 9
UC3434-XL 9
UC3435-XL 9
UC3436-XL 9
UC3438-XL 9
UC3443-XL 13
UC3444-XL 13
UC3453-XL 13
UC3458-XL 13
UC6402-RL 7
UC6403-RL 7
UC7233-XL 5
UC7235-XL 5
UC7237-XL 5
UC7442-RL 7
UC7444-RL 7
UC7445-RL 7
UC7446-RL 8
UC7448-RL 8
UC7449-RL 8
UC7450-RL 8
UC7460-RL 8
UC7461-RL 8
UC7478-RL 7
UC7532-RL 8
UC7544-RL 5
UC7545-RL 5
UC7582-XL 5
UC7636-RL 8
UCSS3423-O 17
UCSS3433-O 17

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.



Milbank Manufacturing | 4801 Deramus Ave., Kansas City, MO 64120 | 877.483.5314
milbankworks.com | @milbankworks

IR 4/26