



**CENTRAL MAINE
POWER**

An AVANGRID Company

The Handbook of Requirements for Meter Mounting Equipment Requirements and Options



SUPPLEMENT
TO
THE HANDBOOK OF
REQUIREMENTS
for
METER MOUNTING
EQUIPMENT REQUIREMENTS
AND OPTIONS



Effective June 30, 2022

SUPPLEMENT

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Note: This Handbook Supplement may be viewed on line at <http://www.cmpco.com/handbook> then click on CMP's Handbook of Requirements link. Use the "Bookmarks" tab to get to the "Meter Mounting Equipment Requirements and Options" (Supplement).

I. GENERAL REQUIREMENTS

This Supplement dated June 30, 2022 supersedes the Supplement dated April 1, 2018. Changes are indicated by marginal lines. This Supplement is scheduled to be revised annually.

The word "company" as used in this document refers to "Central Maine Power Company":

- 1.1 A **U.L. Label** is required on all meter sockets.
 - 1.2 Meter sockets are required to be the **ringless type**, unless noted otherwise in Section II of this Supplement. For specialized equipment where ring type is listed as acceptable in Section II of this Supplement, the ring must be stainless steel.
 - 1.3 All meter enclosures, instrument transformer cabinets and test switch cabinets must be **sealable** with padlock type seals. The company reserves the right to modify such enclosures or cabinets to add protective locking, or other devices.
 - 1.4 **Hubs** must be specified when required.
 - 1.5 A **triple neutral** is required for all permanent individual self contained meter sockets.
 - 1.6 Meter sockets for use on three wire 120/208 volt **network** must have a fifth terminal located (preferably) in the 9 o'clock position.
 - 1.7 Meter sockets for use on 240 volt, three wire, **three-phase** must have a fifth terminal located in the 6 o'clock position.
 - 1.8 **By-passes** are permitted or required as follows:
 - 1.8.1 A **Residential*** 100, 125, 150 or 200 amp socket does **not** require a bypass; however, a single handle lever operated by pass is permitted. Since it allows for testing and changing out of the meter without interrupting service, a lever operated by pass is **recommended** wherever minimization of possible interruption of service, during normal business hours is important, such as in the case of a home office.
- *Note: The following types of services are considered by the company to be "residential" use:
- Any dwelling unit, garage, storage building shelter/gazebo, water pump, or, other structure or equipment that is used solely for private (non-business) purposes.
- 1.8.2 A **Residential** 320 amp socket **requires** a single handle lever operated by pass which locks the meter blades in the socket jaws.

1.8.3 A **Non-residential** (Industrial or Commercial) self contained meter socket **requires** a by-pass as follows:

METER SOCKET	BY-PASS
Single-Phase:	
100, 125 or 150 amp	*Single handle lever operated by-pass required.
200 amp	*Single handle lever operated by-pass which locks the meter blades in the socket jaws required.
320 amp	Single handle lever operated by-pass which locks the meter blades in the socket jaws required.

* The reason for the by-pass requirement is to enable the company to test or change-out the meter without causing an interruption of service. The clamp jaw type by-pass has the additional benefit of insuring a good electrical connection between the meter blades and socket jaws, thereby preventing loose (HOT) socket. The by-pass is particularly important for use during the company's normal business hours. Therefore, the following types of **non-residential** services (200A or less) are **exempt** from these by-pass requirements and the residential socket (non by-pass) may be utilized:

- Temporary service.
- Outdoor lighting (ball field, tennis court, etc.).
- CATV or Telephone power supply/amplifier.
- Any other non-residential facility that is **not** "in use" during the company's normal business hours.

Note: **a by-pass is required** for traffic signal light power supply services.

METER SOCKET	BY-PASS
Three-Phase:	
100 or 125 amp	Single handle lever operated by-pass required.
200 or 320 amp	Single handle lever operated by-pass which locks the meter blades in the socket jaws required.

1.8.4 For single handle manual by passes, it must not be possible to override the by pass by replacing the cover when the operating handle is in the by passed position. Also, the by pass operating mechanism must be visible when the meter is installed. Automatic, horn type, sliding type, auxiliary straps and jumpers are **not** acceptable as by pass devices.

1.8.5 Lever operated by-passes shall be fully 100% rated for meter socket and enclosure. A 100 amp

1.9 A safety **flash shield** is required on **all non residential** (industrial or commercial) meter positions.

1.10 **Meter socket sizing requirements:**

1.10.1 No meter socket shall be less than 9 inches in height.

1.10.2 All 100, 125 and 150 amp underground sockets must be a minimum of 8 inches in width and have a 2 inch (conduit size) minimum knockout.

NOTE: A 100 amp underground service over 150 feet will require a 200 amp socket. (See "Handbook" paragraph 905 for CMP Standard UG residential service and Illustration No. 31 for customer owned service sizes and lengths).

1.10.3 All 200 amp underground sockets must be a minimum of 11 inches in width and have 2 1/2 inch (conduit size) minimum knockouts. Additionally, underground **Residential** sockets, for use with #4/0 or larger cable, shall be of the "**side-wired**" (or otherwise wired out away from the meter line side terminals) type. The "Side-wired" socket is not required for **non-residential**, nor for "continuous conduit," underground application; however, it is highly recommended since the meter socket base is less likely to be damaged by frost action.

NOTE: A 200 amp underground service over 220 feet will require a 320 amp socket or a special 200 amp socket with 3/8 inch studs and twin lugs for line side connections (See "Handbook" paragraph 905 for CMP Standard UG residential service and Illustration No. 31 for customer owned service sizes and lengths).

1.10.4 All 320 amp underground sockets must be a minimum of 13 inches in width, be the "side-wired" type, and have a 4 inch (conduit size) minimum knockout.

1.10.5 Following is a guideline for typical residential underground meter socket connector accommodations:

SOCKET SIZE	CONNECTOR TYPE	MAXIMUM WIRE SIZE	LUG OPTIONS
100/125 AMP	LAY-IN	2/0	---
150 AMP	LAY-IN	250	---
200 AMP (SW)	LAY-IN	350	---
*200 AMP (SW)	3/8" STUD	350 (2) 350	SINGLE (SM) TWIN (SM)
320 AMP (SW)	3/8" STUD	350	SINGLE (SM)
		600	SINGLE (LG)
		(2) 350	TWIN (SM)
		(2) 600	TWIN (LG)

(SW) indicates a side-wired type socket, which is required for 4/0 and larger UG service cable.

* Asterisk indicates 200 AMP socket with line side 3/8" stud type connectors intended to accommodate twin lugs. (See pages 8 & 11).

1.11 Group or modular metering units:

1.11.1 **The maximum distance allowed between top and bottom meter (center to center) is 43 inches.** The maximum distance allowed from floor to the center of the top meter is 72 inches. Group or modular metering installed indoors may be approved for up to 6 vertical meter positions provided that the center-to-center measurement is **not** more than **45** inches and the center of the top meter is 72 inches from the floor. Outdoor metering must meet the 43 inch requirement.

1.11.2 Each meter position shall have an **individual ringless cover**. Design shall be such that removal of the individual cover will expose the socket terminals and wiring.

1.11.3 Unmetered compartments must be sealable with padlock type seals.

1.11.4 Units to be installed outdoors must be raintight.

1.11.5 Group or modular metering arrangements require prior company approval (see also "Handbook" Illustration No. 12).

1.12 Hot sequence metering is normally required. Other arrangements require advance company approval.

NOTE: Hot sequence metering means the service disconnect is on the load (customer's) side of the meter.

1.13 **Custom built meter centers** and **switchgear** with instrument transformer enclosures must have individual company approval prior to installation. Arrangement drawings must be submitted to the Meter Engineer. See "Handbook" paragraph 814 for further details on "Switchgear Installations."

1.14 **Metered** and **Unmetered** conductors shall not run in the same raceway or gutter.

1.15 All **transformer-rated** meter mounting devices shall have provisions for mounting a test switch.

1.16 Approved Equipment List:

1.16.1 Basic catalog numbers shown herein may have different or additional suffix numbers or letters indicating variations in hubs, addition of fifth terminal, and left or right wiring extension.

1.16.2 Equipment not listed herein will be considered for approval. Drawings and Specs must be submitted to the Meter Engineer. Samples may be required.

1.17 "**Commercial**" includes all non-residential services.

1.18 The following old manufacturer names have been replaced with new manufacturer names throughout the Supplement. Please refer to this cross reference list for older meter mounting equipment.

LEGACY MANUFACTURER	NEW MANUFACTURER
Durham/Square D/ Cutler Hammer/Midwest	Eaton
Cooper B-Line	Eaton/B-Line
Durham	Schneider Electric/Square D
GE	GE by ABB
Square D	Schneider Electric/Square D
Talon/Landis & Gyr/Siemens	Siemens/Talon
Murray	Murray/Siemens
Meter Devices	Brooks

1.19 The Durham Company brand labels metering equipment for the following product lines: Eaton (CH suffix on catalog number). GE (GE suffix on catalog number). Midwest (MEP suffix on catalog number). Schneider/Square D (SQD suffix on catalog number)

II. LIST OF APPROVED EQUIPMENT - RESIDENTIAL

METER SOCKET

SINGLE-PHASE • RESIDENTIAL • RINGLESS

(3-wire 120/240 volt and 3-wire 120/208 volt network)

MANUFACTURER	NO. OF POS.	SERVICE	SERIES OR CATALOG NO.	
100 or 125 AMP:				
Eaton/B-Line	1	OH	EN12L41GRST MS76	
	1	UG	EN12L42GRST	
	1	OH/UG	EN12L43GRST	
	1	OH	EC12L41GR1N (Lever by-pass)	
	2****	OH	VEN10432CGRST	
	2-3	OH	HEN10412LGRST HEN10413LGRST	
	2	OH	HEN10412LGRST MS68	
	3	OH	HEN10413LGRST MS68	
	4	OH	HEN10414LGRST MS68	
	2-4	OH/UG+	HEN10432LGRST thru HEN10434LGRST	
	3-5***	OH/UG	HEN12433CGRSTOL thru HEN12435CGRSTOL	
	Eaton	1	OH	UT-RS101*
		1	OH/UG	UT-RS111*
		2-6	OH/UG	UT-2R1121 thru UT-6R1131*
1		OH	UT-RS101_E	
GE/Midwest	1	OH	UTRS101BMEP	
	2-6	OH/UG	UT2R1121BMEP thru UT6R1131BMEP	

MANUFACTURER	NO. OF POS.	SERVICE	SERIES OR CATALOG NO.	
Siemens/Talon	1	OH	UAT111-BG**	
	1	OH	UAT111-OG**	
	1	UG	UAT111-PG**	
	1	OH	UAT111-XG	
	1	OH/UG	UAT411-XG**	
	2-6	OH/UG	UA23110G thru UA43110G**	
	3-5***	OH/UG	UA3X11ZG thru UA5X11ZG	
	2	OH	UA2B11-XG	
	3	OH	UA3B11-XG	
	3	OH	UA2411-DG thru UA6411-DG	
	2-6	OH	UA2411-XG thru UA6411-XG	
Milbank	1	OH	U7487-RL-TG	
	1	UG	U7487-O-TG	
	1	OH	U2272-RL-5T9-BL (Lever by-pass)	
	1	OH/UG	U2860XL-5T9-QG (Lever by-pass)	
	2****	OH	U2692-XL	
	2-6	OH	U7362DL thru U7366DL	
	2-6	OH/UG+	U8212XL thru U8216XL	
	3-5***	OH/UG	U3763XL thru U3765XL	
	Murray/ Siemens	1	OH	RJ103AXF or WRJ103AXF#
		1	UG	RN102A
2		OH/UG	RN201	
3		OH/UG	RN301	
4		OH/UG	RN401	
150 AMP:				
Eaton	1	OH	UT-RS502*	
	1	UG	UT-RS512*	
	2-6	OH/UG	UT-2R5132 thru UT-6R5352*	
Siemens/Talon	1	OH	UAT314-0G**	
	1	OH/UG	UAT414-0G**	
	2-4	OH/UG	UA2313OG thru UA4313OG**	
	5	OH/UG	UA5719KG**	
	6	OH/UG	UA6719KG**	

MANUFACTURER	NO. OF POS.	SERVICE	SERIES OR CATALOG NO.
200 AMP:			
Eaton/B-Line	1	OH	EN20L41GRST
	1	OH	EN20L43GRST
	1	UG	EN20L44GRST
	2\$	OH/UG	HEN20432CGRST (Line side studs)
	2\$\$	OH	HEN21432LGRST
	2\$\$\$	OH	VEN21432CGRSTOL
Eaton	1	OH	UT-RS202*
	1	OH	UT-RS213*
	1	UG	UT-RS223A*
	2-6	OH/UG	UT-2R2332 thru UT-6R2392*
	1	OH	UTRS213_E
	1	UG	UTRS233CCH
Midwest	1	OH	UTRS202BMEP
	1	OH	UTRS213BMEP
	1	OH	UTRS213CMEP
	2-6	OH/UG	UT2R2332TMEP thru UT6R2392TTMEP
Siemens/Talon	1	OH	UAT317-OG**
	1	OH	UAT417-XG**
	1	OH	40405025 (Lever by-pass)**
	1	OH	4150502QG
	1	UG	UAS278-PG (Line side 3/8" studs)**
	1	UG	UAS27A-PG
	1	OH/UG	UAS817-PG**
	1	OH/UG	UAS877-PG**
	2-3	OH/UG	UA2717YG thru UA3717YG
	4	OH/UG	UA4719YG**
5	OH/UG	UA5719KG**	
6	OH/UG	UA6719KG**	

MANUFACTURER	NO. OF POS.	SERVICE	SERIES OR CATALOG NO.
Milbank	1	OH	U7021-RL-TG
	1	OH	U7040-XL-TG
	1	UG	U1980-O++
	1	UG	U4413-O++
	1	UG	U2569-O (Line side 3/8" studs)\$
	1	UG	U5777-O
	1	OH/UG	U3924-XL (Lever by-pass)
	2	OH/UG	U1252-X-K1
	3	OH/UG	U1253-X-K3
	4	OH/UG	U1254-X-K3
	5	OH/UG	U1255-X-K4
	6	OH/UG	U1256-X-K4
	2\$\$	OH	U2601-XL
2\$\$\$	OH	U2264-XL	
Murray/ Siemens	1	OH	RS103AXF or WRS103AXF#
	1	UG	RL109A
	2-6	OH/UG	RM201AR thru RM601AR

320 AMP: See "Single-Phase Commercial" section of this list.

* Durham catalog numbers (listed above as Eaton): suffix "SQD" is added for Square D, suffix "CH" for CutlerHammer, and suffix "MEP" for Midwest.

** Talon catalog numbers: prefix "S" is added for Siemens.

*** 3 to 5 gang; one position with lever by-pass.

**** 2 gang (vertical) socket for OH application only.

+ May be used for underground application only when line side conductors are #3/0 or smaller; or, #4/0 or larger and in "continuous conduit."

++ Use U4413-O for line side feeds on right hand side and U1980-O for line side feeds on left hand side. Do **NOT** cross line side and load side conductors..

\$ Studs will accommodate twin lugs.

\$\$ 2-gang (horizontal) socket with (1) 100 Amp and (1) 200 Amp position.

\$\$\$ 2-gang (vertical) socket with (1) 100 Amp and (1) 200 Amp position; 200 Amp has a lever by-pass.

Murray: "W" means manufactured as Siemens label.

**COMBINATION METER SOCKET/DISCONNECT
SINGLE-PHASE • RESIDENTIAL • RINGLESS**

(3-wire 120/240 volt and 3-wire 120/208 volt network)

- For all **UG applications**, provisions must be made to run **unmetered** conductors in a separate raceway or sealable gutter from **metered** conductors.

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
100, 125, or 150 AMP:		
Eaton/B-Line	OH/UG	ENCB10L24A3GRST
	OH/UG	EN4C10L24A3GRST
	OH/UG	ENCB15L24A3GRST
Eaton	OH	UP120N0B
	OH/UG	CHMMB100BTS +++++
	OH/UG	CHMMB150BTS +++++
	OH/UG	MBB150BTSC
Schneider Electric/ Square D	OH	UP120W0C
Midwest	OH	R100C
	OH	R101C
Milbank	OH	U3499-XL-100
	OH	U5168-XL-100-BL-NE
Siemens	OH/UG	MM0202L1125RC
	OH/UG	MM0202L1125RLC (Lever by-pass)
	OH/UG	MM0202L1150RLC (Lever by-pass)
Siemens/Talon	OH/UG	UAB111-XG
	OH/UG	UAB111-100
	OH/UG	UAB417-150
	OH	UAB111-0PCH+++++
Leviton	OH/UG	LP815-TMC
	OH/UG	LP815-LMC
Schneider Electric/ Square D	OH/UG	QC816F125C
	OH/UG	QC816F150C
	OH/UG	RC816F150C
	OH/UG	RC1624M125CH +++++

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
200 AMP:		
Eaton/B-Line	OH++	ENCB20L24A3GRST
	UG	ENCB20L24A4GRST
	UG	ENCB20C24A4GRST
Eaton	OH	MBB200BTSC
	OH	MB__B200BTS
	UG	CHMMB200BTS+++++
Midwest	OH	R281C
	OH	R282C
	OH	RS250C
Milbank	OH++	U5168-XL-200-BL-NE
	OH++	U3990-XL-200
	OH++	U2288-RXL
	UG	U3798-O-200
	OH++	U6281-XL-200
	UG	U5898-O-200*
Murray/Siemens	OH++	JR904CZ
Leviton	OH++	LP820-TMC
	OH++	LP820-LMC
Siemens/Talon	OH	UAB317-OPCH+++++
	OH++	UAB417-XG
	OH/UG	UAB417-XPG
Siemens	OH++	MM0406ML1221R
	OH	MC0816B1200RT
	UG	MC0816B1200RTD
	OH++	MM0202L1200RLC (Lever by-pass)
Siemens/Talon	OH	UAB417-200
	UG	UAB877-200
	UG	UAB877-PG
Schneider Electric/ Square D	OH++	QC12L200C
	OH++	QC816F200C
	OH++	RC12L200C
	OH++	RC816F200C+++++
	OH++	RC816D200C+++++
	OH++	RC2040M200CH+++++

* If 5th terminal, bring terminal directly to the neutral bus.

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
320 AMP (120/240 V only):		
Eaton/B-Line	OH++	ELCB32C24A5GR1N
	UG	ELCB32C24A4GRST
GE by ABB	UG	TSDR040UFCU
	UG	TSDR840UFCU
Milbank	OH++	U6227-X-400-K3L
	OH	U6589-X-2/200-BL
	UG	U6584-O-2/200-BL
	OH/UG	U6228-X-400-K3L
Schneider Electric/ Square D	UG	QU12L400CL

++ These units are for OH application **only** (regardless of manufacturer's application notation), unless the line side conductors are in "continuous conduit."

++++ Units acceptable if horn by-passes are removed.

COMBINATION METER SOCKET/TRANSFER (SWITCH OR PANEL) SINGLE-PHASE • RESIDENTIAL • RING OR RINGLESS

(3-wire 120/240 volt)

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
200 AMP:		
Eylander	OH/UG	WMTS-M-200
Ronk	OH	7215-MSL-OH*
	UG	7215-MSL-SS*

* Prior approval of the "authority having jurisdiction" (AHJ) is advised.

METER SOCKET/DISCONNECT PEDESTAL SINGLE-PHASE • RESIDENTIAL • RINGLESS

(3-wire 120/240 volt and 3-wire 120/208 volt network)

- Unless units are solidly attached to a building or other suitable structure, **pedestals** must have a post extension and stabilizer foot to extend to 48" below grade.

- For all meter **pedestals**, provisions must be made to run **unmetered** conductors in a separate raceway or sealable gutter from **metered** conductors (this usually requires the "headpost" design).

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
200 AMP:		
Milbank	UG	U5136-O-200S-NHB
	UG (2 Pos)	U5137-O-200S-NHB
	UG	U5138-O-200S-NHB
	UG (2 Pos)	U5139-O-200S-NHB

GROUP OR MODULAR METERING SINGLE-PHASE • RESIDENTIAL • RINGLESS

(3-wire 120/240 volt and 3-wire 120/208 volt network)

MANUFACTURER	MAX NO. OF POSITIONS HIGH*		SERIES OR CATALOG NO.
	125 AMP	200 AMP	
Eaton/B-Line	3	–	VENMP1243__GRST**
	–	3	VENMP2043__GRST**
Eaton	5	4	1MM__RRL**
	5	4	3MM__RRL**
	5	4	1MP___RRL**
GE by ABB	5	4	Meter Mod III (TMPR___R)**
	5	4	Mini Mod III (TMMR___R)**
Milbank	1	–	U5902XBL thru U5906XBL**
	–	1	U5882XBL thru U5886XBL**
Siemens	–	1	WPK___RJ**
	5	5	WMM_____R
	5	5	WMM_____RJ
Schneider Electric/Square D	5	4	EZM**

* The maximum vertical distance allowed between the centerline of the bottom meter and the centerline of the top meter is 43 inches.

** All meter sockets must be the **ringless** type. Horn Bypass model is **not** approved for use by CMP.

– The underscores are for numbers or letters that may represent: bus rating/# of positions/phase/socket rating/etc...

NOTE: Where a circuit breaker is utilized as a disconnecting means and the handle is operated vertically, the "up" position shall be the "on" position.

III. LIST OF APPROVED EQUIPMENT - COMMERCIAL

SELF-CONTAINED METER SOCKET SINGLE-PHASE • COMMERCIAL • RINGLESS

(3-wire 120/240 volt and 3-wire 120/208 volt network)

CAUTION: For 240/480 volt applications, the meter socket must be 600 volt rated.

- Lever operated by-pass required for single-phase commercial sockets (see paragraph 1.8.3, page 2, for exemptions to this by-pass requirement).

- 200 amp sockets may be used on 200, 150, and 100 amp Services.

- **Jaw release** lever operated by-pass required for 200 amp and 320 amp sockets.

MANUFACTURER	NO. OF POS.	SERVICE	CATALOG NO.
100, 125 or 150 AMP (NOT 600 VAC Rated):			
Milbank	2	OH	U5112-X-5T9-BL
	3	OH	U5113-X-5T9-BL
100, 125 or 150 AMP (600 VAC Rated):			
Eaton/B-Line	1	OH	EC12L41GR1N
	2-4	OH/UG	HEC10432CGR1N thru HEC10434CGR1N
	1	OH/UG	EC12L43GR2N
Eaton	1	OH	UT-C4203/UT-C5203*
	1	OH/UG	UT-C4213/UT-C5213*
Siemens/Talon	1	OH	40205-01NU**
	1	OH/UG	40605-01NU**
	1	OH	48405-02NU
	1	OH	48205-01NU
	2-6	OH/UG	484052-023NU thru 484056-023NU
	4-6	OH/UG	484054-223NU thru 484056-223NU
Milbank	1	OH	U2272-RL-5T9-BL
	1	OH/UG	U2860-XL-5T9-QG
	2-6	OH/UG	U2752-X thru U2756-X

MANUFACTURER	NO. OF POS.	SERVICE	CATALOG NO.
200 AMP (NOT 600 VAC Rated):			
Siemens/Talon	2	OH/UG	404052-023NU**
	3	OH/UG	404053-023NU**
	4	OH/UG	404054-223NU**
	5	OH/UG	404055-223NU**
	6	OH/UG	404056-223NU**
	200 AMP (600 VAC Rated):		
Eaton/B-Line	1	OH	EL20L41GR1N
	1	OH/UG	EL20L43GRST
	1	OH/UG	EL20L43GR2N
	1	UG	EL20L44GRST
	2-4	OH/UG	HEL20432CGR1N thru HEL20434CGR1N
	Eaton	1	OH
1		OH/UG	UT-H4213/UT-H5213*
1		OH/UG	UT-H5233*
1		OH/UG	UTE5213CCH
Midwest	1	OH	UTH5203BMEP
	1	OH/UG	UTH5213CMEP
	1	OH/UG	UTH5233CMEP
Siemens/Talon	1	OH	40804-01NU
	1	OH	40804-016**
	1	OH/UG	40404-015**
	1	OH/UG	40404-02QC**
	1	OH/UG	48804-02NU
	1	OH/UG	42104-02QG
Milbank	1	OH	U9800R-RL-QG
	1	OH/UG	U9801R-XL-QG
	1	OH/UG	U3924-XL-QG
	2-6	OH/UG	U2872-XT thru U2876-XT
Murray/Siemens	1	OH/UG	RH173CR

MANUFACTURER	NO. OF POS.	SERVICE	CATALOG NO.
320 AMP (120/240V only):			
Eaton/B-Line	1	OH/UG	EL32T46GRST
	1	UG	EL32T44GRST
Eaton	1	OH	UT-H4300T-CH
	1	OH	UT-H4300U-CH
	1	OH/UG	UT-H4330T-CH
	1	OH/UG	UT-H4330U-CH
	1	OH/UG	UT-H4336-9T-CH
	1	OH/UG	UT-H4336-9U-CH
GE/Midwest	1	OH	UT-H4300T-MEP
	1	OH/UG	UT-H4330T-GE
	1	OH/UG	UT-H4330T-MEP
	1	OH/UG	UT-H4336-9T-MEP
	1	OH/UG	UT-H4336-9U-MEP
Square D	1	OH	UT-H4300T-SQD
	1	OH/UG	UT-H4330T-SQD
	1	OH/UG	UT-H4330U-SQD
	1	OH/UG	UT-H4336-9T-SQD
Siemens/Talon	1	OH	42704-01NU**
	1	OH/UG	44701-01NU**
	1	OH/UG	44704-01NU**
	1	OH++	47704-01NU**
	1	OH/UG	48704-82GP**
	1	OH/UG	48704-02
	1	OH	47604-02QG
	1	OH/UG	49604-02NU
Milbank	1	OH/UG	U2448-X+++
Murray/Siemens	1	OH	RK173AH
	1	OH/UG	RK178A

* Durham catalog numbers (listed above as Eaton): suffix "SQD" is added for Square D, suffix "CH" for CutlerHammer, and suffix "MEP" for Midwest.

** Talon catalog numbers: prefix "S" is added for Siemens.

**** 2 gang (vertical) socket for OH application only.

++ This unit is for OH application **only**, regardless of manufacturer's application notation.

+++ Milbank U2448-X can also be used at 240/480 V single phase services with 200 Amp maximum load. 240/480 V single phase class 320 is not permitted by CMP.

SELF-CONTAINED METER SOCKET THREE-PHASE • COMMERCIAL • RINGLESS

CAUTION: For 277/480 volt applications, the meter socket must be 600 volt rated.

- Lever operated by-pass required for all three-phase Sockets.
- 200 Amp sockets may be used on 200, 150, and 100 Amp Services.
- **Jaw release** lever operated by-pass required for 200 amp and 320 amp sockets.

MANUFACTURER	NO. OF POS.	SERVICE	240 V ONLY 3-PH, 3-W, 5TH TERM @ 6:00	3-PH, 4-W, Y OR 7-TERM
100 or 125 AMP (600 VAC Rated):				
Eaton/B-Line	1	OH	(use 200A)	EC12L71GRST
Milbank	1	OH	(use 200A)	U7573-RL
200 AMP (600 VAC Rated):				
Eaton/B-Line	1	OH	EL20L51GRST	EL20L71GR1N
	1	OH/UG	EL20L53GRST	EL20L73GRST
	1	OH/UG	–	EL20L73GR2N
	2	OH/UG	–	HEL20732CGR1N
Eaton	1	OH	UTH5203B*	–
	1	OH/UG	UTH5213T*	UTH7213T*
	1	OH/UG	UTE5213-CH	UTE7213-CH
	2	OH/UG	–	UT2H72353TCH
	3	OH/UG	–	UT3H72353TCH
	4	OH/UG	–	UT4H72393UUHLCH
Midwest	5	OH/UG	–	UT5H72393TTCH
	6	OH/UG	–	UT6H72393TTCH
	1	OH	UTH5203BMEP	UTH7203TMEP
	1	OH/UG	UTH5213CMEP	UTH7213UMEP
	1	OH/UG	UTH5233CMEP	–

MANUFACTURER	NO. OF POS.	SERVICE	240 V ONLY 3-PH, 3-W, 5TH TERM @ 6:00	3-PH, 4-W, Y OR 7-TERM
Siemens/ Talon	1	OH	40005-01**	40007-01NU**
	1	OH/UG	40405-015**	40407-01NU**
	1	OH/UG	40405-02QG**	40407-02QG**
	1	OH/UG	40405-025**	–
	2	OH/UG	–	404072-023NU**
	3	OH/UG	–	404073-023NU**
	4	OH/UG	–	404074-223NU**
	5	OH/UG	–	404075-223NU**
	6	OH/UG	–	404076-223NU**
	1	OH/UG	–	48807-02NU
	1	OH/UG	41605-02QG	–
1	OH/UG	40405-0BNU	–	

Milbank	1	OH	U9550RRLQG+++	U9700RRLQG
	1	OH/UG	U9551RXLQG+++	U9701RXLQG
	2-6	OH/UG	–	U2732-XT thru U2736-XT

Murray/ Siemens	1	OH/UG	RH173CR	RH173GR
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MANUFACTURER	NO. OF POS.	SERVICE	3-PH, 4-W, 7-TERM
320 AMP (120/208V Y or 120/240V, 4W Δ):			
Eaton/B-Line	1	OH/UG	EL32T76GRST
Eaton	1	OH	UT-H7300T-CH
	1	OH	UT-H7300U-CH
	1	OH/UG	UT-H7330T-CH
	1	OH/UG	UT-H7330U-CH
	1	OH/UG	UT-H7336-9T-HLCH
	1	OH/UG	UT-H7336-9U-HLCH
GE/Midwest	1	OH/UG	UT-H7330T-GE
	1	OH/UG	UT-H7330T-MEP
	1	OH/UG	UT-H7330U-MEP
	1	OH/UG	UTH7336-9THLMPEP
Square D	1	OH	UT-H7300T-SQD
	1	OH/UG	UT-H7330T-SQD
	1	OH/UG	UT-H7330U-SQD
	1	OH/UG	UTH7336-9THLSQD

MANUFACTURER	NO. OF POS.	SERVICE	3-PH, 4-W, 7-TERM
Siemens/Talon	1	OH	42707-01NU**
	1	OH/UG	44707-01NU**
	1	OH++	47707-01NU**
	1	OH/UG	48707-82GP**
	1	OH/UG	48707-02***
	1	OH	49607-02NU
Milbank	1	OH/UG	U2594-X
	1	OH/UG	U6230-X-400-K7L
Murray/Siemens	1	OH	RK173GH
	1	OH/UG	RK178GS

* Durham catalog numbers (listed above as Eaton): suffix "SQD" is added for Square D, suffix "CH" for CutlerHammer, and suffix "MEP" for Midwest.

** Talon catalog numbers: prefix "S" is added for Siemens.

*** Must be purchased with appropriate lug kit for triple neutral (H68752-1, H56732M, or equivalent).

++ This unit is for OH application **only**, regardless of manufacturer's application notation.

+++ Note: Milbank U9550 and U9551 **must** have the grounding strap removed for 3 phase, 3 wire application.

COMBINATION METER SOCKET/DISCONNECT COMMERCIAL • RINGLESS

- For all **UG applications**, provisions must be made to run **unmetered** conductors in a separate raceway or sealable gutter from **metered** conductors.

- Lever operated by-pass required for commercial sockets (see paragraph 1.8.3, page 2, for single phase exemptions).

- **Jaw release** lever operated by-pass required for 200 amp and 320 amp sockets.

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
100 or 125 AMP, Single-Phase (3-Wire 120/240 V.) or Network (3-Wire 120/208 V.):		
Eaton/B-Line	OH/UG	ECCB10L24A3GR1N

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
Siemens	OH/UG	MM0202L1125RL
	OH/UG	MM0202L1125RLC
	OH/UG	MM0202B1125RLC
	OH/UG	MM0202L1100RLC
	OH/UG	MM0202B1100RLC
Milbank	OH/UG	U3741-XL-100-BL
Leviton	OH/UG	LP815-LMC
200 AMP, Single-Phase (3-Wire 120/240 V) or Network (3-Wire 120/208 V.):		
Eaton/B-Line	OH/UG	ELCB20L24A5GR1N
	OH/UG	EL6C20L24A6GRST
Siemens	OH/UG	MM0202L1200RL
	OH/UG	MM0202B1200RLC
	OH/UG	MM202L1200RLC
Milbank	OH/UG	U3791N-RXL-200BL
	OH/UG	U5140-RXL-200BL
	OH/UG	U3995-XL-200
Leviton	OH/UG	LP820-LMC
100 or 125 AMP, Three-Phase (4-Wire Y, 120/208 Volt, 7-Terminal):		
Eaton/B-Line	OH/UG	ECCB10L27A3GRST
	OH/UG	ECCB10L27A3GR1N
Siemens	OH/UG	MM0303L3100RLC
	OH/UG	MM0303B3100RLC
Milbank	OH/UG	U3771-XL-100-BL
200 AMP, Three-Phase (4-Wire Y, 120/208 Volt, 7-Terminal):		
Eaton/B-Line	OH/UG	ELCB20L27A5GR1N
Siemens	OH/UG	MM0303L3200RLC
	OH/UG	MM0303B3200RLC
Milbank	OH/UG	U5750-RXL-200-BL

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
320 AMP, Single-Phase (3-Wire 120/240 Volt):		
Eaton/B-Line	OH	ELCB32C24A5GR1N
	UG	ELCB32C24A4GRST
Milbank	OH	U6227-X-400-K3L
	OH	U6589-X-2/200-BL
	UG	U6584-O-2/200-BL
	OH/UG	U6228-X-400-K3L
Schneider Electric/Square D	UG	QU12L400CL
Siemens	OH/UG	MK0402L1400RLM

METER SOCKET/DISCONNECT PEDESTAL SINGLE-PHASE • COMMERCIAL • RINGLESS

(3-wire 120/240 volt and 3-wire 120/208 volt network)

- Unless units are solidly attached to a building or other suitable structure, **pedestals** must have a post extension and stabilizer foot to extend to 48" below grade.
- For all meter **pedestals**, provisions must be made to run **unmetered** conductors in a separate raceway or sealable gutter from **metered** conductors (this usually requires the "headpost" design).
- Lever operated by-pass required for commercial sockets (see paragraph 1.8.3, page 2, for single phase exemptions); **jaw release** lever operated by-pass required for 200 and 320 amp sockets.

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
200 AMP:		
Milbank	UG	CP3B_-----
	UG	U5701-O-200S
Siemens/Talon	UG	MP0606L1200R+
	UG	MP0406B1200R+
	UG	MP0606L1200RJL
	UG	MP0406B1200RJL

- + Only permitted at single phase locations that are exempt from lever operated by-pass requirements (see paragraph 1.8.3, page 2).

**GROUP OR MODULAR METERING
COMMERCIAL • RINGLESS**

- 125 Amp meter sockets must have lever operated by-pass (**jaw release** required for 3-phase).

- 200, 225 or 320 Amp meter sockets must have **jaw release** lever operated by-pass (320 Amp for 120/240 volt 1-Phase 3-Wire or 120/208 volt 3-Phase 4-Wire Y only).

MANUFACTURER	MAX. POS. HIGH*	SERIES OR CATALOG NO.
Eaton/B-Line	3	VELMP2043__GRST5K9**
Eaton	4	35MM__R12**
	4	37MM__R12**
	3	WCMS (switchgear)**
GE by ABB	4	Meter Mod III (TMPR____R)**
Milbank	1	U5972-XT-5T9-BL
	1	U5973-XT-5T9-BL
	1	U5974-XT-5T9-BL
	1	U5975-XT-5T9-BL
	1	U5976-XT-5T9-BL
Siemens	4	WML____Rj
	4	WML_____Rj
	2	WML_400 RJ
	3	MMS (switchgear)**
	3	WPL_12RJ
Schneider Electric/ Square D	4	MPL_____**
	4	EZML**
	3	CME (switchgear)**

* The maximum vertical distance allowed between the centerline of the bottom meter and the centerline of the top meter is 43 inches. For all Class 320 units, the "maximum number of positions high" is one (1).

** All meter sockets must be the **ringless** type.

— The underscores are for numbers or letters that may represent: bus rating/# of positions/phase/socket rating/etc.

NOTE: Where a circuit breaker is utilized as a disconnecting means and the handle is operated vertically, the "up" position shall be the "on" position.

TRANSFORMER-RATED METER SOCKET • RINGLESS

(SOCKET WITH PROVISIONS FOR TEST SWITCH)

MANUFACTURER	SERVICE	SERIES OR CATALOG NO.
SINGLE-PHASE:		
Eaton	OH/UG	USTS6-2C*
Siemens/Talon	OH/UG	9837-8203
Brooks	OH/UG	601U3060C6-S008
Milbank	OH/UG	UC7532-XL
POLYPHASE (3-PHASE 3-WIRE DELTA):		
Eaton	OH/UG	USTS8-2C*
Siemens/Talon	OH/UG	9837-8403
Brooks	OH/UG	601U3060C8-S008
Milbank	OH/UG	UC7448-XL
POLYPHASE (3-PHASE 4-WIRE WYE):		
Eaton	OH/UG	USTS13-2C*
Siemens/Talon	OH/UG	9837-8503
Brooks	OH/UG	601U3060C13-S008
Milbank	OH/UG	UC7449-XL

* Durham catalog numbers (listed above as Eaton): suffix "SQD" is added for Square D, suffix "CH" for CutlerHammer, and suffix "MEP" for Midwest.

**TRANSFORMER-RATED OVERALL OUTDOOR
METER CABINET WITH DEMAND RESET COVERS**

- All units must have top hinge, support arms, 3/4" plywood backboard.

- All two position units must have 7" x 7" demand reset Cover.

MANUFACTURER	NO. OF POS.	DIMENSIONS	CATALOG NO.
Milbank	1	34"H x 15"W x 14"D	S2718FB-XL-C
	2	34"H x 28"W x 11"D	S3390FB-XL-C7
Talon	1	26"H x 15"W x 11"D	LG110CW
	2	30"H x 27"W x 11"D	LG210CW

