

Meter Mounting Equipment

LIPA
National Grid



MILBANK[®]





Charles A. Milbank
1879-1966



Bill Martin
1916-1998



Robert F. Waldrop
1922-2002



Robert F. Waldrop, II
Chairman



Katrina Waldrop Henke
Vice Chairman

Milbank—Quality Metering Products for 80 Years

Milbank Manufacturing Company was established in 1927 by Charles A. Milbank. Originally, the company manufactured high voltage switches; however, by 1941 Milbank devoted itself primarily to the manufacture of sheet metal enclosures and related equipment for the electrical generation and distribution industry. Today we are an industry leader in the manufacture of electrical meter sockets. Through a national network of manufacturer's representatives we provide wholesale electrical distributors with quality electrical products for the utility, contractor, industrial and OEM markets.

As the meter standards have changed, Milbank has been successful in adapting its product line to these changes. Our full scale engineering department designs products to meet customer specifications and satisfy all utility requirements. Milbank's employee base of over 1,000 workers, along with our five manufacturing facilities com-

prising almost 550,000 square feet give us the flexibility to schedule, produce, and ship orders quickly. Currently, Milbank manufactures over 10,000 different catalog items, and this list continues to grow. Our unique product offering includes: Residential & Commercial Meter Sockets; Residential & Commercial Meter Pedestals; RV/MH Power Outlets, Service Pedestals, and Transformers; Commercial & Industrial Electrical Enclosures; Circuit Breakers; Disconnects & Safety Switches; Safety Sockets; Utility & Residential Secondary Pedestals; Hubs, and related accessories. If you don't find a unit in this catalog to service your needs, send us your specifications and we will be happy to work with you.

Our success has come from a loyal customer base that can rely on us to build quality products at a fair price in a timely manner. Our willingness and ability to design and produce new products to meet our customer demands is

an important factor to remain competitive in today's electrical market.

Milbank has been serving the electric utility & wholesale distribution industries for 80 years with innovative, quality engineered products. So remember us for all of your meter mounting and related requirements, and we will be happy to serve you as we have in the past—with dependable service and quality products!

We take great pride in being one of the few family-owned businesses left in our industry. We are a third generation run business and truly believe that...

***FAMILY MAKES A
DIFFERENCE!***

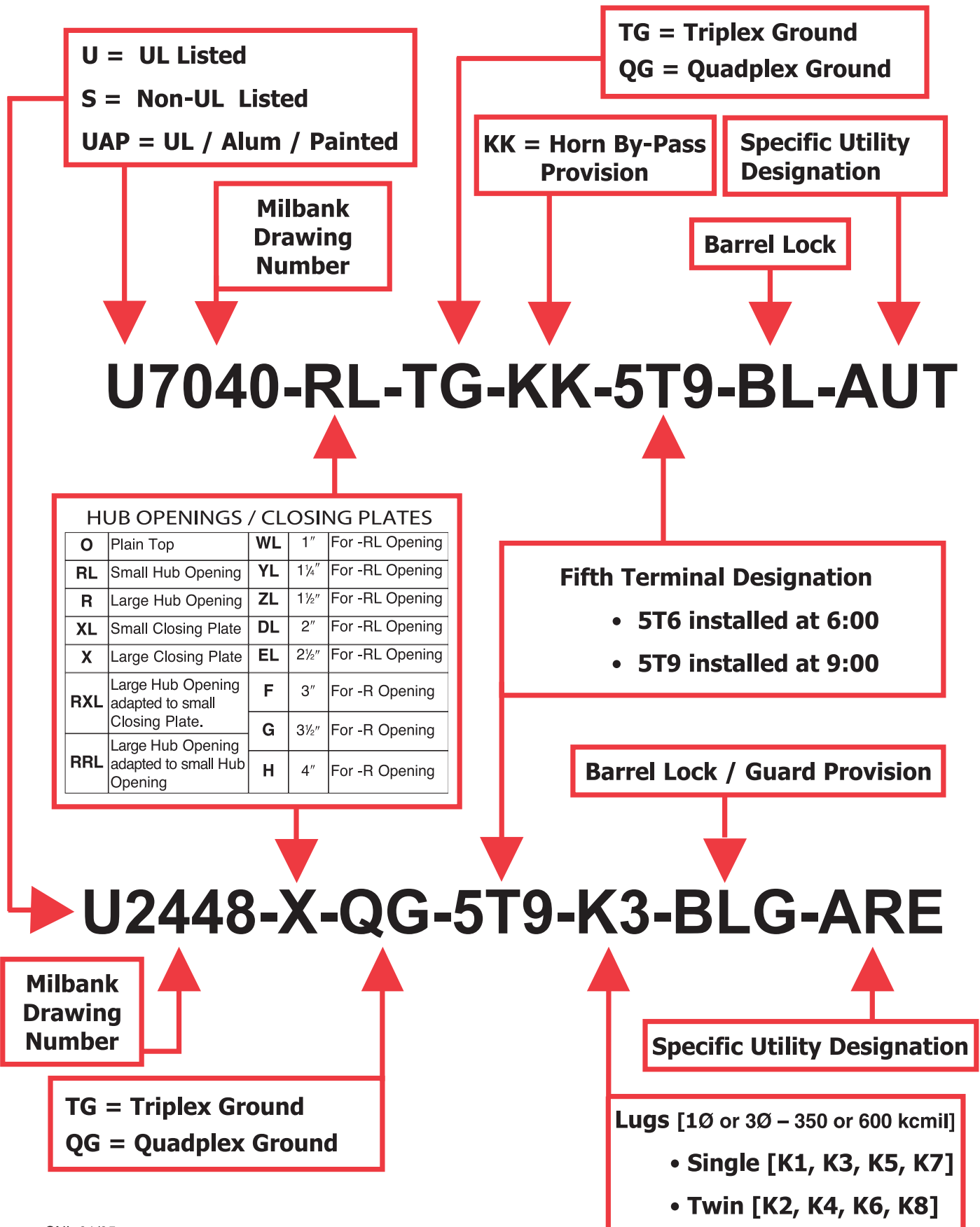


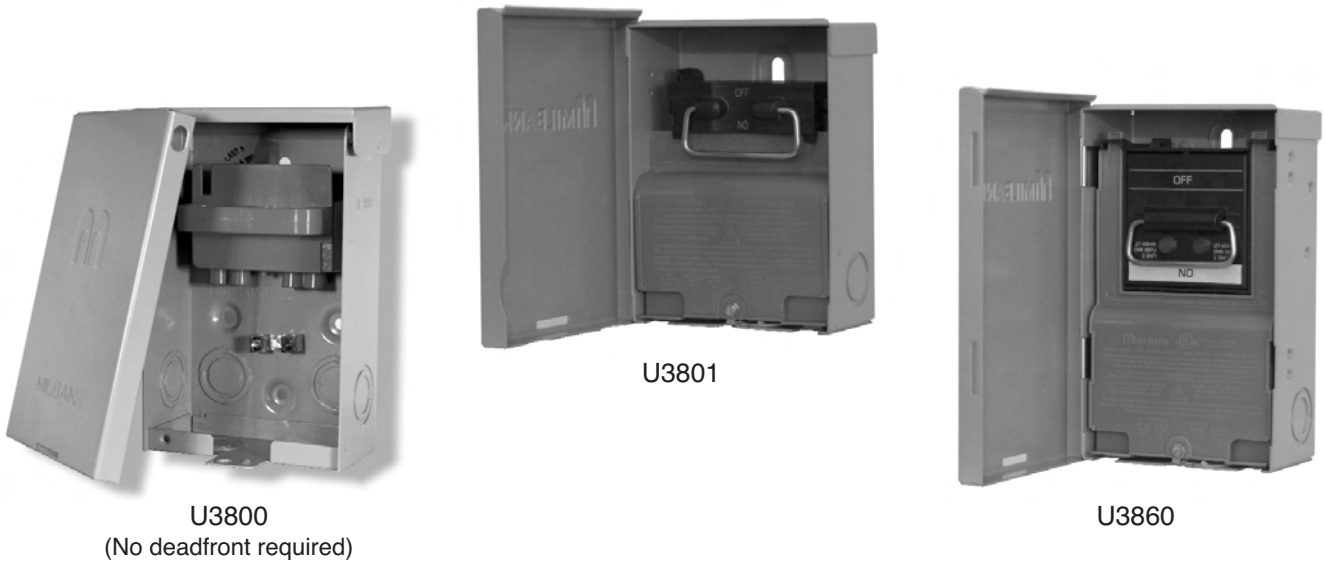
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Catalog Number Logic





PROFILE

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

TECHNICAL INFORMATION

AMP	TYPE	CATALOG NUMBER	MAX H.P.	WT. @ #	LINE & LOAD WIRE RANGE		GROUND WIRE RANGE	DIMENSIONS			WIRE RATING	
					CU	AL		CU/AL	D"	W"	H"	CU °C
30	FUSIBLE	U3830	3	2.7	#14-#3 AWG	#14-#3 AWG	#14-3 AWG	2-5/8	5	7	60°/75°	60°/75°
60	FUSIBLE	U3860	10	3.3	#14-#3 AWG	#14-#3 AWG	#14-3 AWG	3	5	9¼	60°/75°	60°/75°
60	NONFUSIBLE	U3800	10	3.25	#14-#2 AWG	#12-#2 AWG	#14-3 AWG	3	5	8	60°/75°	60°/75°
60	NONFUSIBLE	U3801	10	2.5	#14-#3 AWG	#14-#3 AWG	#14-3 AWG	2-3/8	5	6-3/4	60°/75°	60°/75°

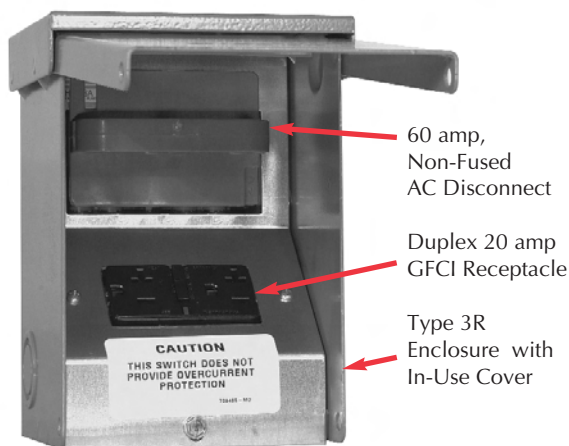
- ✓ U/L listed as Enclosed Pullout Switch
- ✓ 1Ø, 240 VAC

- ✓ Type 3R Rainproof
- ✓ Six one-inch concentric knockouts

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.



Combination AC Disconnect / 20 Amp GFCI Receptacle—Together in 1 Box



U3822-20GR

- Meets NEC # 210.63 Requirements *
- UL Listed as Power Outlet
- Type 3R Enclosure
- In-Use Cover**
- Duplex Ground Connector
- 1" Concentric Knockouts

AC DISCONNECT

- 1Ø, 240 Volt
- 60 amp, Non-Fused

GFCI RECEPTACLE

- 20 amp
- Reset/Test Button
- Padlock provision

* NEC® #210.63 Heating, Air-Conditioning and Refrigeration Equipment Outlet. ...The receptacle shall be located on the same level and within 7.5 m (25 ft.) of the heating, air-conditioning and refrigeration equipment.

** NEC® #210.08 Ground-Fault Circuit- Interruptor protection for personnel.

AMP	TYPE	CATALOG NUMBER	MAX H.P.	WT. @ #	LINE & LOAD CONNECTOR WIRE RANGE		GROUND CONNECTOR WIRE RANGE	DIMENSIONS			WIRE RATING	
					CU	AL	CU/AL	D"	W"	H"	CU °C	AL °C
60	NONFUSIBLE	U3822-20GR	10	6	#14-#2 AWG	#12-#2 AWG	#14-4 AWG	4.8	5.25	7.4	60°/75°	60°/75°

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

****Note:** U3822-20GR cover rated as *IN-USE COVER* (Cover may be closed with cords plugged into receptacle).

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Hot Tub Disconnect or Sub Panel Breaker Enclosure—Type 3R

Spa Box with GFCI Protection



U4881-O-50GB

- 240 volt ground fault protection
- UL listed, Type 3R rainproof
- Milbank reliability
- Easy installation
- 2 pole, 50 or 60 amp GFCI breaker protection
- Compact size:
8-1/2" H x 7-1/2" W x 3-3/4" D
- 3 or 4 wire installation
- 1Ø, 120 / 240 VAC
- Standard package of 12
- 2 extra one-pole breaker spaces
- 100 amp overall rating

Sub Panel Breaker Enclosure

- Use as a 100 amp, 4 circuit sub panel enclosure
- U4881-O has provision for (2) 2-pole or (4) 1-pole small frame breakers



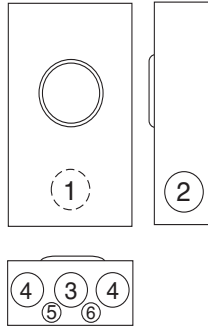
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.

AMP	TYPE	CATALOG NUMBER	WT. @ #	LINE & LOAD CONNECTOR WIRE RANGE		GROUND CONNECTOR WIRE RANGE	DIMENSIONS		
				CU	AL	CU/AL	D"	W"	H"
—	BREAKER PROVISION	U4881-O	7	#14-1/0	#14-1/0	#14-1/0	3 3/4	7 1/2	8 1/2
50	BREAKER	U4881-O-50GB	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	7 1/2	8 1/2
60	BREAKER	U4881-O-60GB	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	7 1/2	8 1/2





U3042-XL-QG-BLG-LIS



U1854-XL-QG-BLG-LIS

SINGLE POSITION

200 AMP-5 TERMINAL-RINGLESS-1Ø3W

AMP	SERVICE	CATALOG NUMBER	HUB	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
				LINE	LOAD		D"	W"	H"	1	2	3	4	5	6
200	OH/UG	U3042-XL-QG-BLG-LIS	C.P.	#6-350 kcmil	#6-350 kcmil	LEVER	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	3	3	1/4	1/4, 1/2

HUBS: For proper hub selection see the hub suffix chart on the accessory page.

BYPASS: Lever on the **U3042** supplies clamping action on meter spades and also operates bypass device.

INSULATED NEUTRAL: For field installed insulated neutral order as extra catalog number **K1047**.

BARREL LOCK (-BLG): Has provision for barrel lock with guard.

200 AMP-7 TERMINAL-RINGLESS-3Ø4W

AMP	SERVICE	CATALOG NUMBER	HUB	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
				LINE	LOAD		D"	W"	H"	1	2	3	4	5	6
200	OH/UG	U1854-XL-QG-BLG-LIS	C.P.	#6-350 kcmil	#6-350 kcmil	LEVER	4 ⁷ / ₈	13	19	3	2 ¹ / ₂	3	3	1/4	1/4, 1/2

HUBS: For proper hub selection see the hub suffix chart on the accessory page.

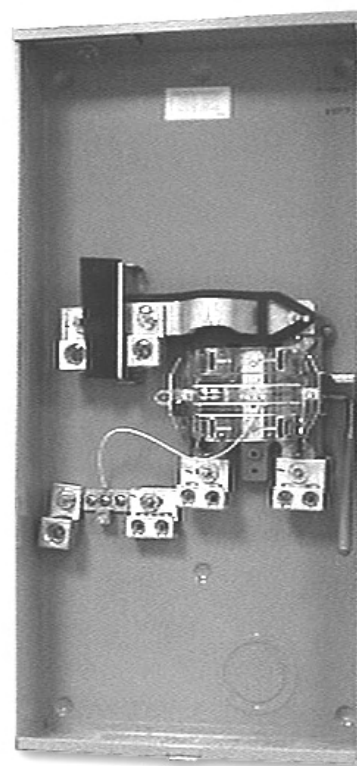
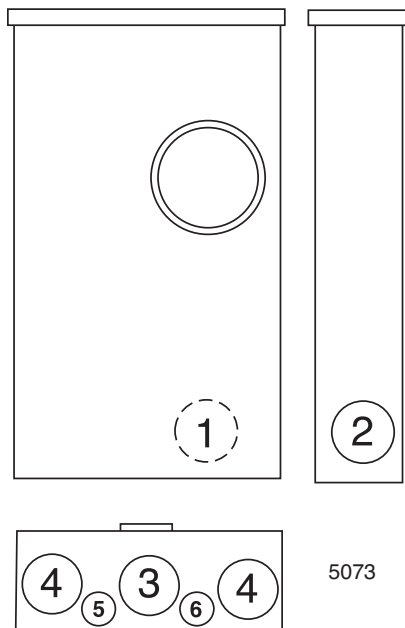
BYPASS: Lever supplies clamping action on meter spades and also operates bypass device.

INSULATED NEUTRAL: For field installed insulated neutral order as extra catalog number **K1047**.

BARREL LOCK (-BLG): Has provision for barrel lock with guard.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.

SINGLE POSITION



U5073-X-K3L-K2L-LIS

320 AMP-5 TERMINAL-RINGLESS-1Ø3W-600 VAC

SERVICE	CATALOG NUMBER	HUB	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
			LINE	LOAD		D"	W"	H"	1	2	3	4	5	6
OH/UG	U5073-X-K3L-K2L-LIS*	C.P.	#4-600 or (2) 1/0 -250	(twin) 350	LEVER	4 ⁷ / ₈	15	31 ¹ / ₂	3	3	3	3	1/4	1/4, 1/2

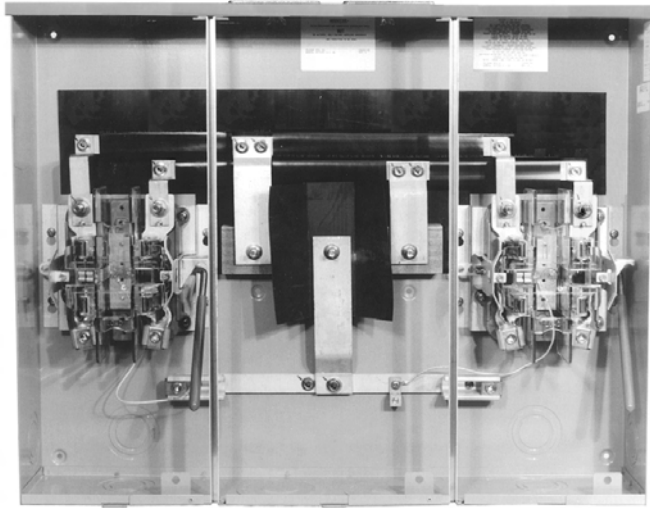
BYPASS: The lever supplies the clamping action and also operates bypass device.

CONNECTORS: Factory installed connectors - line side - single conductor #4-600 kcmil or 2 conductors 1/0 - 250 kcmil - load side - twin connectors #6-350 kcmil

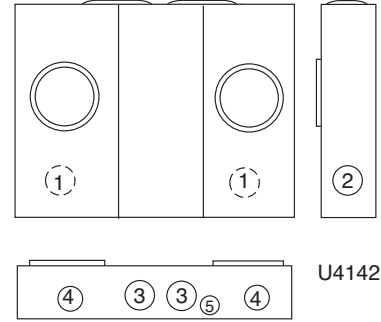
* **UL LISTED** based on parallel 250 kcmil connectors maximum.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.





U4142-XT-LIS



U4142

MULTIPLE POSITION

100 / 200 AMP PER POSITION-5 TERMINAL-RESIDENTIAL / COMMERCIAL

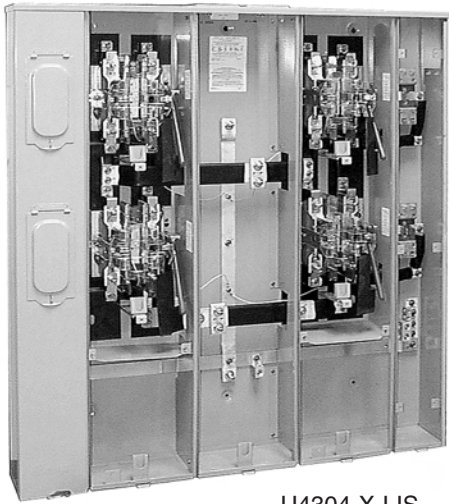
AMP	CATALOG NUMBER	NO. OF POS.	HUB	SERVICE	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
					LINE	LOAD		D"	W"	H"	1	2	3	4	5	6
100/200	U4142-XT-LIS	2	C.P.	OH/UG	3/8 x 16" STUDS	#6-350 kcmil	LEVER	6	32 ¹ / ₈	25 ¹ / ₄	2 ¹ / ₂	2 ¹ / ₂	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	-
100/200	U4143-XT-LIS	3	C.P.	OH/UG	3/8 x 16" STUDS	#6-350 kcmil	LEVER	6	42 ³ / ₁₆	25 ¹ / ₄	2 ¹ / ₂	2 ¹ / ₂	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	-
100/200	U4144-XT-LIS	4	C.P.	OH/UG	3/8 x 16" STUDS	#6-350 kcmil	LEVER	6	52 ¹ / ₄	25 ¹ / ₄	2 ¹ / ₂	2 ¹ / ₂	4	2 ¹ / ₂	1 ¹ / ₄ , 1 ¹ / ₂	-

HUBS: Units are supplied with two closing plates as standard. To order hubs as extra refer to the hub chart on the accessory page.

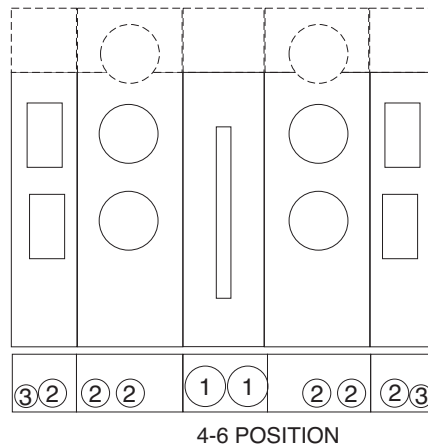
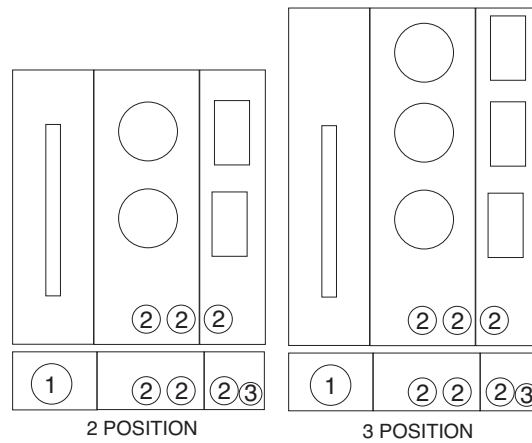
LEVER BYPASS: Lever supplies clamping action on meter spades and also operates bypass device.

CONNECTORS: Line wire sections are supplied with 3/8" - 16 hex head nuts with Belleville washers. For single lug connector kits, order as extra: **K1539** (350 kcmil) or **K1540** (600 kcmil). For twin lug connectors: **K1350** (350 kcmil) or **K1541** (600 kcmil).

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.



U4304-X-LIS



200 AMP-5 TERMINAL-RINGLESS-LEVER BYPASS-CONDO METER MAIN-1Ø3W

CATALOG NUMBER	BYPASS	HUB	CONNECTORS		DIMENSIONS			CONCENTRIC K.O.'S		
			LINE	LOAD	D"	W"	H"	1	2	3
U4302-X-LIS*	LEVER	C.P.	3/8"-16 STUD	BREAKER	6	27 3/4	48	4	2	1/4, 1/2
U4303-X-LIS	LEVER	C.P.	3/8"-16 STUD	BREAKER	6	27 3/4	60	4	2	1/4, 1/2
U4304-X-LIS	LEVER	C.P.	3/8"-16 STUD	BREAKER	6	45	48	4	2	1/4, 1/2
U4305-X-LIS	LEVER	C.P.	3/8"-16 STUD	BREAKER	6	45	60	4	2	1/4, 1/2
U4306-X-LIS	LEVER	C.P.	3/8"-16 STUD	BREAKER	6	45	60	4	2	1/4, 1/2

HUBS: Units are supplied with 2 closing plates as standard. To order hubs as extra refer to the hub chart on the accessory page.

CONNECTORS: Line wire sections are supplied with 3/8" - 16 hex head nuts with Belleville washers. For single lug connector kits, order as extra: **K1539** (350 kcmil) or **K1540** (600 kcmil). For twin lug connectors: **K1350** (350 kcmil) or **K1541** (600 kcmil.)

LEVER BYPASS: Lever supplies clamping action on meter spades and also operates bypass device.

REPLACEMENT LOCKING PIN: For replacement locking pin order part number **Z816559-SC** (1 pin).

BREAKERS: Units have provision for (1) double pole main per meter position. **Breakers NOT included** – order as extra. See chart below.

* 2 Position Condominium meter main has additional 3" knockout (bottom left section).

PLUG-IN BREAKER COMPATIBILITY CHART

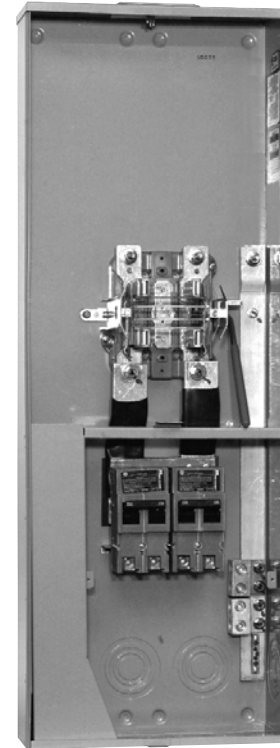
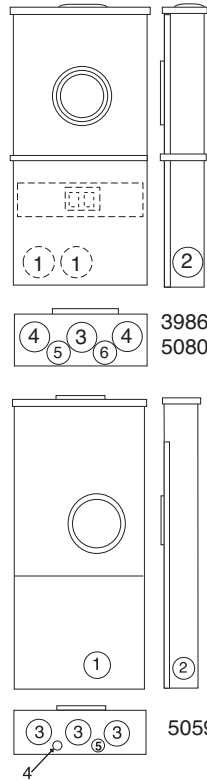
AMPS	MILBANK	CUTLER-HAMMER (WESTINGHOUSE / BRYANT)	SIEMENS (ITE)	SIEMENS MURRAY / CROUSE-HINDS	G.E.	SQ-D
125-200	Q	BR / BJ / HQP	—	MD	Q LINE	—
≤ 100	Q	QUICKLAG P / BR / HQP	QP	MP	Q LINE	HOMELINE

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.





U3986-XL-200-LIS



U5059-X-2/150-K3L-LIS

SINGLE POSITION

100 / 150 / 200 / 320 AMP—5 & 7 TERMINAL—WITH MAIN BREAKER—RINGLESS—LEVER BYPASS

NO. OF TERM.	AMP	CATALOG NUMBER	HUB	SERVICE	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
					LINE	LOAD		D"	W"	H"	1	2	3	4	5	6
5	100	U3986-XL-100-LIS	C.P.	OH/UG	#6-350 kcmil	#1-300 kcmil	LEVER	4 ⁷ / ₈	13	34	2 ¹ / ₂	2 ¹ / ₂	3	3	1/4	1/4, 1/2
5	150	U3986-XL-150-LIS	C.P.	OH/UG	#6-350 kcmil	#1-300 kcmil	LEVER	4 ⁷ / ₈	13	34	2 ¹ / ₂	2 ¹ / ₂	3	3	1/4	1/4, 1/2
5	200	U3986-XL-200-LIS	C.P.	OH/UG	#6-350 kcmil	#1-300 kcmil	LEVER	4 ⁷ / ₈	13	34	2 ¹ / ₂	2 ¹ / ₂	3	3	1/4	1/4, 1/2
7	150	U5080-RXL-150-LIS	C.P.	OH/UG	#6-350 kcmil	#1-300 kcmil	LEVER	4 ⁷ / ₈	13	34	2 ¹ / ₂	2 ¹ / ₂	3	3	1/4	1/4, 1/2
7	200	U5080-RXL-200-LIS	C.P.	OH/UG	#6-350 kcmil	#1-300 kcmil	LEVER	4 ⁷ / ₈	13	34	2 ¹ / ₂	2 ¹ / ₂	3	3	1/4	1/4, 1/2
5	320	U5059-X-2/150-K3L-LIS*	C.P.	UG	#4600 kcmil	#1/0-300 kcmil	LEVER	4 ⁷ / ₈	15	42	3	3	3	1/4	1/4, 1/2	---

HUBS: Unit is supplied with closing plates as standard. To order hubs as extra, refer to the hub chart on the accessory page.

LEVER BYPASS: Lever supplies clamping action on meter spades and also operates bypass device.

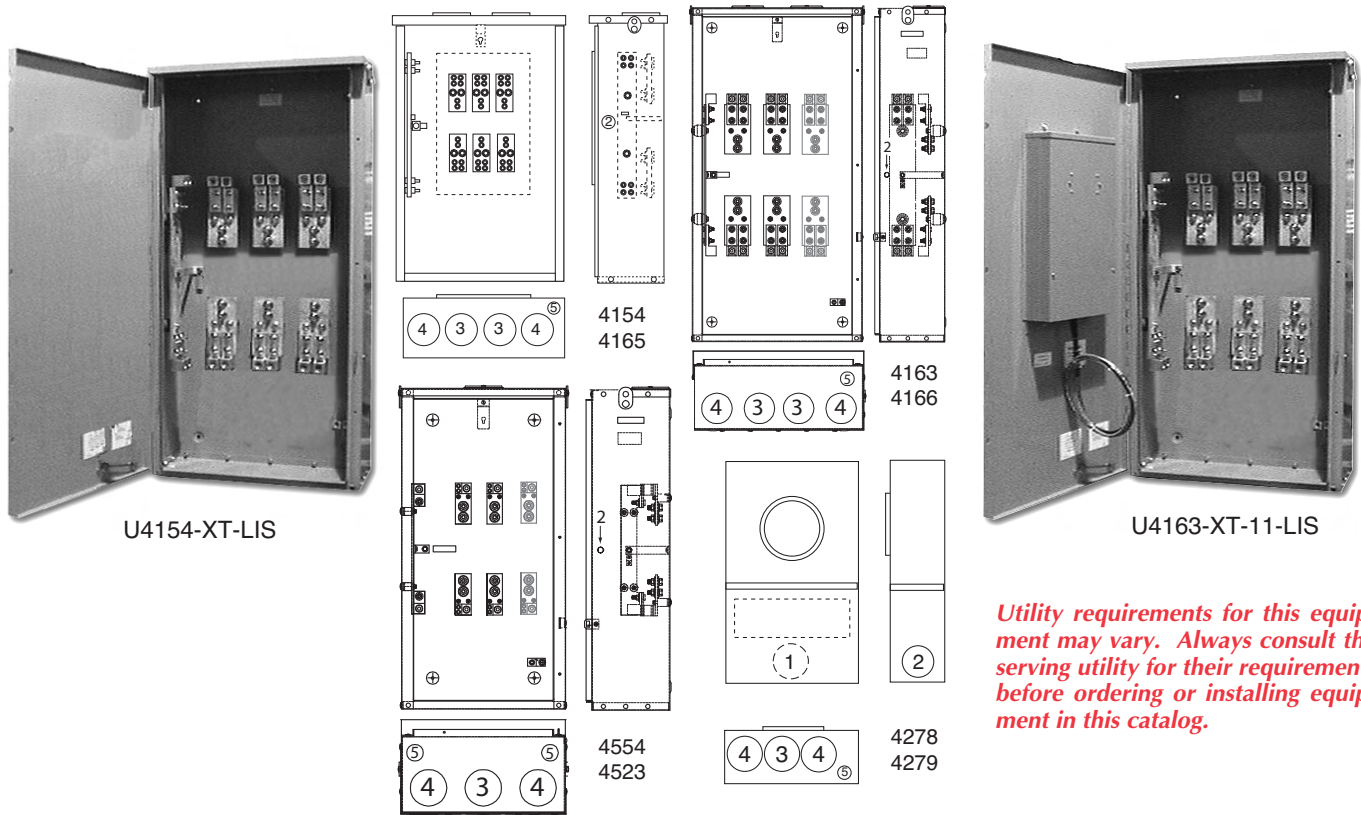
CONNECTORS: Line wire sections are supplied with #6-350 kcmil lay-in connectors.

BREAKER: U3986 has factory installed double pole Milbank **UQFB-100-X1**, **UQFB-150-X1** or **UQFB-200-X1** main breaker.

U5080 has factory installed 3 pole Milbank **UQFB-3200** main breaker.

* Side Wireway

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.



Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.

200 / 400 / 800 AMP—METERED—TRANS-S CABINET—1Ø3W OR 3Ø3W—600 VAC

PHASE	TERM	CATALOG NUMBER	HUB	SERVICE	AMP	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
						LINE	LOAD		D"	W"	H"	1	2*	3	4	5	6
1Ø	6	U4554-X-Z21-LIS	C.P.	OH/UG	200/400	SEE NOTE*	#4-600 kcmil	NONE	10	21	41	—	3/8	4	4	1 1/4	—
1Ø	6	U4166-XT-Z21-LIS	C.P.	OH/UG	400/800	#4-600 kcmil	#4-600 kcmil	NONE	10	26	51	—	3/8	4	4	1 1/4	—
3Ø	13	U4523-X-Z11-LIS	C.P.	OH/UG	200/400	SEE NOTE*	#4-600 kcmil	NONE	10	21	41	—	3/8	4	4	1 1/4	—
3Ø	13	U4163-XT-11-LIS	C.P.	OH/UG	400/800	#4-600 kcmil	#4-600 kcmil	NONE	10	26	51	—	3/8	4	4	1 1/4	—

* This is a 3/8" hole with plastic plug, not a concentric knock-out.
 Lugs provided – rated up to single 600 kcmil - #4 awg.
 Short circuit current withstand capability is 50K symmetrical amps.
 Furnished with 1/2" - 13 studs, washers and hex nuts with conical sems for CT mounting.
 *Only 200/400 amp units have elliptical lug - 1-#4-600 kcmil or up to 2-1/0-250 kcmil.

400 / 800 AMP—UNMETERED ENCLOSURE

PHASE	CATALOG NUMBER	HUB	SERVICE	CONNECTORS CU/AL		BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
				LINE	LOAD		D"	W"	H"	1	2*	3	4	5	6
1Ø	U4165-XT-LIS	C.P.	OH/UG	#4-600 kcmil	#4-600 kcmil	NONE	10	26	51	—	3/8	4	4	1 1/4	—
3Ø	U4154-XT-LIS	C.P.	OH/UG	#4-600 kcmil	#4-600 kcmil	NONE	10	26	51	—	3/8	4	4	1 1/4	—

* This is a 3/8" hole with plastic plug, not a concentric knock-out.
 Lugs provided – rated up to single 600 kcmil - #4 awg.

20 AMP—1 PIECE COVER—REMOTE SOCKETS—RINGLESS—1Ø—3Ø *

PHASE	TERM	CATALOG NUMBER	HUB	SERVICE	CONNECTORS CU/AL	BY-PASS	DIMENSIONS			CONCENTRIC K.O.'S					
							D"	W"	H"	1	2	3	4	5	6
1Ø	6	UC4278-XL-21-LIS	BLANK	UG	#14-#2 MAX	NONE	4 1/8	12	20	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4, 1/2	—
3Ø	13	UC4279-XL-21-LIS	BLANK	UG	#14-#2 MAX	NONE	4 1/8	12	20	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4, 1/2	—

* These units are prewired per LIPA specifications.



TRANSFORMER RATED

INTERCHANGEABLE UNIT HUBS



SMALL "RL" OPENING (STANDARD) **LARGE "R" OPENING (HEAVY DUTY)**

SUFFIX	SIZE	MILBANK CAT. NO.
-WL	1"	A7514
-YL	1 1/4"	A7515
-ZL	1 1/2"	A7516
-DL	2"	A7517
-EL	2 1/2"	A7518

SUFFIX	SIZE	MILBANK CAT. NO.
-F	3"	A8110
-G	3 1/2"	A8111
-H	4"	A8112



HUB ADAPTER PLATE
(Converts -R opening to -RL)
S8324

HUB SUFFIX CHART

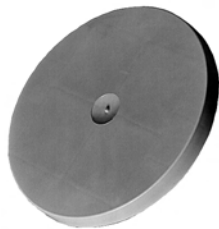
SUF-FIX	HUB SIZE	APPLICATION
WL	1"	For -RL Opening
YL	1 1/4"	For -RL Opening
ZL	1 1/2"	For -RL Opening
DL	2"	For -RL Opening
EL	2 1/2"	For -RL Opening
F	3"	For -R Opening
G	3 1/2"	For -R Opening
H	4"	For -R Opening

REMOVABLE HUB CLOSING PLATE

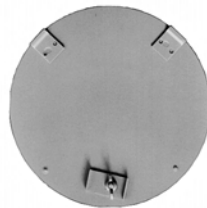


DESCRIPTION	SUFFIX	CAT. #
STANDARD (for -RL opening)	-XL	A7551
LARGE (for -R opening)	-X	A9064

CLOSING COVERS

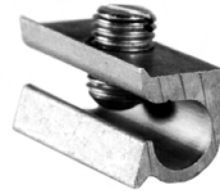


METER CLOSING PLATE
(Gray Plastic)
6003



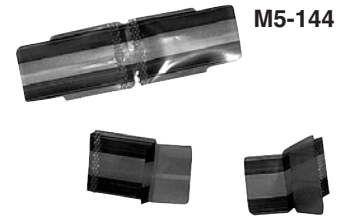
METAL CLOSING PLATE
(For ringless sockets)
CP-21

TRIPLEX GROUND



K1190
(For factory installed triplex ground add suffix "TG" to the catalog number.)

DISCONNECT SLEEVE



BYPASS LINK



K8180
(Bypass links are sold in pairs)



CONNECTOR KITS

For use with 3/8"-16 stud type units only

SINGLE



TWIN

SUFFIX	CATALOG #	(3 per set) - 1 Ø
K1	K1539	350 MCM (MAX)
K3	K1540	600 MCM (MAX)

SUFFIX	CATALOG #	(4 per set) - 3 Ø
K5	K3082	350 MCM (MAX)
K7	K3441	600 MCM (MAX)

SUFFIX	CATALOG #	(3 per set) - 1 Ø
K2	K1350	350 MCM (MAX)
K4	K1541	600 MCM (MAX)

SUFFIX	CATALOG #	(4 per set) - 3 Ø
K6	K3442	350 MCM (MAX)
K8	K3083	600 MCM (MAX)

MISCELLANEOUS

TYPE	CONDUCTOR SIZE AWG, MCM	CONDUIT TRADE SIZES (INCHES)									
		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	3 1/2	4
RHW & RHH (without outer covering) THW	14	6	10	16	29	40	65	93	143	192	
	12	4	8	13	24	32	53	76	117	157	
	10	4	6	11	19	26	43	61	95	127	163
	8	1	3	5	10	13	22	32	49	66	85
	6	1	2	3	7	10	16	23	36	48	62
TW THW FEPB (6 thru 2), RHW and RHH (without outer covering) RH, THHW	1/0		1	1	2	3	5	8	12	16	21
	2/0		1	1	1	3	5	7	10	14	18
	3/0		1	1	1	2	4	6	9	12	15
	4/0			1	1	1	3	5	7	10	13
	250			1	1	1	2	4	6	8	10
	300			1	1	1	2	3	5	7	9
	350				1	1	1	3	4	6	8
	400				1	1	1	2	4	5	7
	500				1	1	1	1	3	4	6
	600					1	1	1	3	4	5
	700					1	1	1	2	3	4
	750					1	1	1	2	3	4

*This table is for concentric stranded conductors only. For cables with compact conductors refer to N.E.C.

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

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

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

AMPACITY CORRECTION FACTORS

AMBIENT TEMP. C°	CORRECTION FACTOR	AMBIENT TEMP. F°
21 - 25	1.05	70 - 77
26 - 30	1.00	79 - 86
31 - 35	.94	88 - 95
36 - 40	.88	97 - 104
41 - 45	.82	106 - 113
46 - 50	.75	115 - 122
51 - 55	.67	124 - 131
56 - 60	.58	133 - 140
61 - 65	.33	142 - 158
66 - 70	—	160 - 176

Overall ampere ratings of U/L listed Milbank multiple position meter sockets are based on **1993 N.E.C. Manual article 220-32** and **ANSI / UL-414** (except where restricted by line connector size.) These requirements provide for a diversity factor / demand factor being utilized in determining the overall (main bus / lug) rating of a gang socket. All Milbank U/L listed gang sockets meet or exceed these diversity factor/demand factor requirements. Standard overall ampacity ratings for U/L listed and non U/L listed gang sockets are as shown in the chart below. Ampere ratings of meter sockets are based on the meter socket being wired with 75° C insulated wire conductor, sized in accordance with **Table 310-16** of the **National Electric Code**.

GANG SOCKET OVERALL AMPACITIES

NO. OF METER POSITIONS	100A / POS. AMPACITY	125A / POS. AMPACITY	150A / POS. AMPACITY	200A / POS. AMPACITY
2	200A	200A	200A	200A
3	200A	225A	225A	270A
4	200A	250A	270A	360A
5	225A	285A	338A	450A
6	270A	330A	396A	528A

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

MISCELLANEOUS

BEFORE ENERGIZING

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

WHEN ENERGIZING

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

AFTER ENERGIZING

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

RECOMMENDED TORQUE FOR GENERAL APPLICATIONS*

NOMINAL SIZE	JOINT DESCRIPTION		HEAD TYPE	TORQUE (INCH LBS.)
	SCREW	NUT		
10	BRASS	Brass Nut or Extruded Hole	ALL	20-25 in. lbs.
10	STEEL	CU or AL Busbar $\leq 1/8"$	ALL	25-30 in. lbs.
10	STEEL	Steel Nut or EH; CU or AL Busbar $> 1/8"$	ALL	30-35 in. lbs.
12	STEEL	Aluminum Extruded Hole	ALL	30-35 in. lbs.
12	STEEL	Steel Nut or Extruded Hole	ALL	40-50 in. lbs.
1/4	STEEL	Aluminum Extruded Hole	ALL	40-50 in. lbs.
1/4	STEEL	Steel Nut or EH; CU or AL Busbar	ALL	50-60 in. lbs.
5/16	STEEL	Aluminum Extruded Hole	HEX	60-70 in. lbs.
5/16	STEEL	Steel Nut or EH; CU or AL Busbar	HEX	100-150 in. lbs.
3/8	STEEL	Steel Nut	HEX	150-200 in. lbs.
1/2	STEEL	Steel Nut	HEX	200-250 in. lbs.

*Interior labels typically indicate the required torque for wire connectors and studs, and should be referenced first.

EH: Extruded Hole

CU: Copper

AL: Aluminum

“Ask your local Milbank Enclosure Distributor for the current Milbank Enclosure Catalog or find it on-line at www.milbankmfg.com”

Type 1 Enclosures

Screw Cover–SC1

Hinge Cover–HC1

Telephone Cabinet Covers–TSC

Telephone Cabinet Flush Mount Covers–TFLC

Type 3R Enclosures

Screw Cover–SC3R

Hinged Cover–HC3R

Telephone Cabinet Hinged Cover–TC3R

2 Door Current Transformer Cabinet–CT3R

Wireway–Type 1

Screw Cover Wireway–GSC1

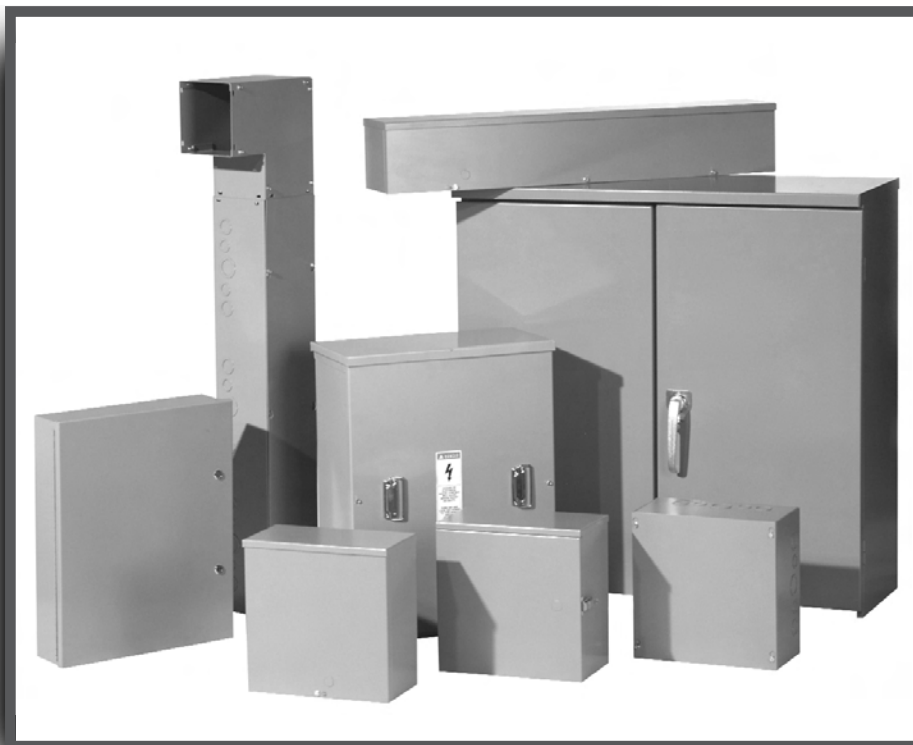
Hinged Cover Wireway–GHC1

Wireway–Type 3R

Screw Cover Wireway Trough–GSC3R

Miscellaneous

Accessories



MISCELLANEOUS

COMMERCIAL METER PEDESTAL

The commercial pedestal is a pad mounted, weatherproof meter pedestal which contains an underground utility pull section, a utility meter section, and a customer compartment with pull section.

Typical uses are street and area lighting control, pump and irrigation control, remote power, and temporary power needs.

It is designed to provide a vandal resistant enclosed meter socket and a customer section in a single enclosure. The three sections are isolated and can be padlocked and sealed for security. The customer section is designed to include distribution as well as control components. A deadfront is used to provide safety and protect interior parts.

The pedestal is UL listed as an Enclosed Industrial Control, suitable only for use as service equipment (File Number E113855.) Most units comply with EUSERC drawing #308.



MISCELLANEOUS

Meter Mounting Equipment & More!

Commercial Electrical Enclosures

Residential & Commercial Metering

Disconnect Devices

Current Transformer Enclosures

RV/MH Pedestals

Power Outlets

Circuit Breakers

Enclosed Circuit Breakers

Safety Switches

Test Switches



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