Meter Mounting Equipment

North & South Carolina Area Including: Duke Power, SCE&G, and Progress Energy approved units















Bill Martin



Robert F. Waldrop 1922-2002



Robert F. Waldrop, II Chairman



Katrina Waldrop Henke Vice Chairman

Milbank-Quality Metering Products for 80 Years

ilbank 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 comprising 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, 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!

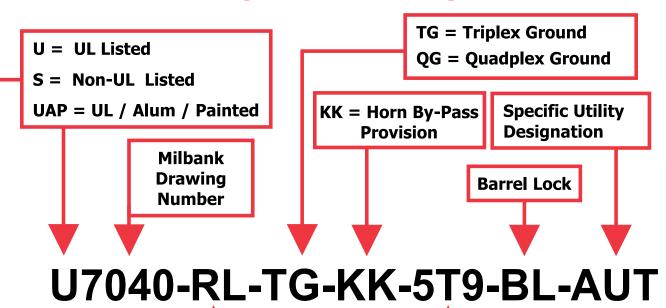




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Catalog Number Logic



HUB OPENINGS / CLOSING PLATES For -RL Opening WL 1" Plain Top For -RL Opening Small Hub Opening YL 11/4" For -RL Opening Large Hub Opening ZL 11/2" Small Closing Plate DL 2" For -RL Opening For -RL Opening EL 21/2" Large Closing Plate Large Hub Opening 3" For -R Opening RXL adapted to small Closing Plate. G 31/2" For -R Opening Large Hub Opening RRL adapted to small Hub Н For -R Opening Opening

Fifth Terminal Designation

- 5T6 installed at 6:00
- 5T9 installed at 9:00

Barrel Lock / Guard Provision

U2448-X-QG-5T9-K3-BLG-ARE

Milbank Drawing Number

TG = Triplex Ground

QG = Quadplex Ground

Specific Utility Designation

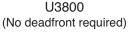
Lugs [1Ø or 3Ø – 350 or 600 kcmil]

- Single [K1, K3, K5, K7]
- Twin [K2, K4, K6, K8]

CNL 01/05











OFF NO

U3860

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	MAX	WT.		LOAD	GROUND WIRE RANGE	DIM	ENSI	ONS	WIRE F	RATING
AWII		NUMBER	H.P.	@ #	CU	AL	CU/AL	D"	W"	H"	CU °C	AL °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	91/4	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°

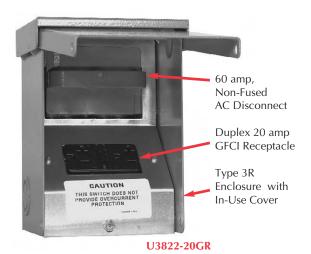
- ✓ U/L listed as Enclosed Pullout Switch
- √ 1Ø, 240 VAC

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





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



- 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	MAX	P. # CU		GROUND CONNECTOR WIRE RANGE	DIM	ENSI	ONS	WIRE F	RATING	
AWII		NUMBER	H.P.	#	CU	AL	CU/AL	D"	W"	Н"	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



- 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



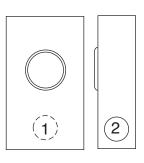


AMP	TYPE	CATALOG	WT.		CONNECTOR RANGE	GROUND CONNECTOR WIRE RANGE	DIM	ENSI	ONS
Awn		NUMBER	#	CU	AL	CU/AL	D"	W"	Н"
_	BREAKER PROVISION	U4881-O	7	#14-1/0	#14-1/0	#14-1/0	3 ¾	71/2	81/2
50	BREAKER	U4881-O-50GB	8	#14-1/0	#14-1/0	#14-1/0	3 ¾	71/2	81/2
60	BREAKER	U4881-O-60GB	8	#14-1/0	#14-1/0	#14-1/0	3 ¾	71/2	81/2











7487 7040



U7487-RL-QG-CAPL U7040-XL-TG

125 AMP-4 & 5 TERMINAL-RINGLESS-OVERHEAD / UNDERGROUND-1Ø3W

NO	UTILITY	CATALOG	HUB	CONNE	CTORS /AL	BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.0.'S	
OF TERM		NUMBER	пов	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
4	DUKE, SCE&G PROGRESS EN	U7487-RL-QG-CAPL	H.O.	#6-2/0	#6-2/0	NONE	3 ⁵ /16	8	11 ¹ / ₂	1 1/2	1 1/2	2	1 1/4	_	1/4
5	DUKE, SCE&G PROGRESS EN	U7487-RL-TG-5T	H.O.	#6-2/0	#6-2/0	NONE	3 ⁵ /16	8	11 1/2	1 1/2	1 1/2	2	1 1/ ₄	_	1/4

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

FIFTH TERMINAL: For field mounted fifth terminal order catalog number 5T8K2.

CONNECTORS: Extruded aluminum connectors are tin plated. Units are supplied with duplex neutral and quadplexground.

200 AMP-4 & 5 TERMINAL-RINGLESS-OVERHEAD / UNDERGROUND-1Ø3W

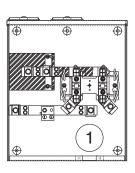
NO OF	UTILITY	CATALOG	HUB	CONNE		BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.o.'s	
TERM	_	NUMBER	пов	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
4	DUKE, SCE&G	U7040-XL-TG	C.P.	#6-350	#6-350	NONE	41/8	11	141/2	21/2	21/2	21/2	21/2	1/4, 1/2	1/4
5	DUKE, SCE&G	U7040-XL-TG-5T*	C.P.	#6-350	#6-350	NONE	41/8	11	141/2	21/2	21/2	21/2	21/2	1/4, 1/2	1/4

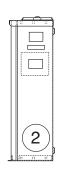
HUBS: For proper hub selection see the hub suffix chart on the accessory page.

*FIFTH TERMINAL: For field mounted fifth terminal, order catalog number K5T for U7040 – must be used with a #10 white wire.

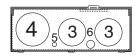
CONNECTORS: Extruded aluminum connectors are tin plated. Units are supplied with duplex neutral and triplex ground.

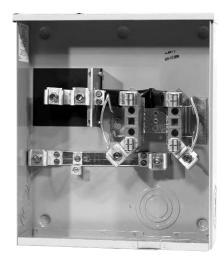






1980

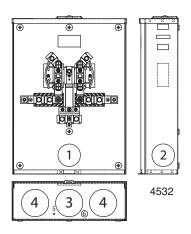




U1980-XTL-QG-CAPL



U4532-XL



200 AMP-4 TERMINAL-SIDE WIREWAY-OVERHEAD / UNDERGROUND-RINGLESS

UTILITY	CATALOG	нив	CONNE CU	CTORS /AL	BY-	DIM	ENSI	SNC		CON	CENT	RIC K	.O.'S	
OTILITY	NUMBER	пов	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
PROGRESS	U1980-XTL-QG-CAPL	TWIN C.P.	#6-350	#6-350	NONE	4 ¹ / ₂	13	15 ¹ / ₄	21/2	21/2	21/2	3	1/4	1/4, 1/2

FIFTH TERMINAL: For field mounted fifth terminal order catalog number **K5T**.

CONNECTORS: Extruded aluminum connectors are tin plated. Units are supplied with quadplexneutral.

200 AMP-4 TERMINAL-OVERHEAD / UNDERGROUND-RINGLESS

UTILITY	CATALOG	HUB	CII	CTORS /AL	BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.o.'s	
OTILITY	NUMBER	ПОВ	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
DUKE	U4532-XL	C.P	#6-350	DUAL #6-350	NONE	4 ⁷ / ₈	15	201/2	21/2	21/2	3	3	1/4	1/4, 1/2

FIFTH TERMINAL: For field mounted fifth terminal order catalog number K5T.

CONNECTORS: Extruded aluminum connectors are tin plated.

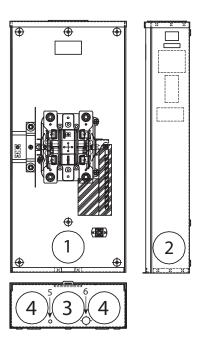
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Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.





U4363-X-QG-K3-K2 (shown without connectors)



320 AMP-4 TERMINAL-OVERHEAD / UNDERGROUND-RINGLESS-1Ø3W

UTILITY	CATALOG	HUB	CONNE CU	CTORS /AL	BY-	DIM	ENSI	SNC		CON	CENT	RIC K	.o.'s	
OTILITY	NUMBER	1100	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
DUKE	U4363-X-QG-K3-K2	C.P	#4-600 or (2) 250	TWIN 350	LEVER	4 ⁷ / ₈	13	28 ¹ / ₄	3	3	3	3	1/4	1/4, 1/2

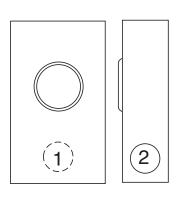
CONNECTORS: Extruded aluminum connectors are tin plated. Supplied with quadplexground.

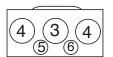
LEVER BYPASS: Lever supplies clamping action on meter spades and also operates bypass device.

FIFTH TERMINAL: For field installed fifth terminal order catalog number K3865.









4551 4701 2145



U4701-RXL

200 AMP-5 TERMINAL-RINGLESS-OVERHEAD / UNDERGROUND-1Ø OR 3Ø3W

UTILITY	CATALOG	HUB	CII	CTORS /AL	BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.0.'S	
OTILITI	NUMBER	IIOD	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
DUKE, SCE&G	U4551-RXL-5T9	C.P.	#6-350	#6-350	LEVER	4 ⁷ / ₈	13	19	3	21/2	3	3	1/4	1/4, 1/2

200 AMP-7 TERMINAL-RINGLESS-OVERHEAD / UNDERGROUND-3Ø4W

UTILITY	CATALOG	нив		CTORS /AL	BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.o.'s	
OTILITY	NUMBER	пов	LINE	LOAD	PASS	D"	W"	H"	1	2	3	4	5	6
DUKE, SCE&G	U4701-RXL	C.P.	#6-350	#6-350	LEVER	4 ⁷ / ₈	13	19	3	21/2	3	3	1/4	1/4, 1/2
PROGRESS EN	U2145-RXL-CAPL	C.P.	#6-350	#6-350	LEVER	4 ⁷ / ₈	13	19	3	21/2	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 **CONNECTORS:** Units supplied with extruded aluminum connectors and bonded neutral.

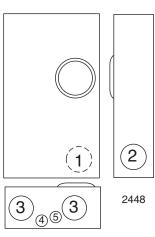


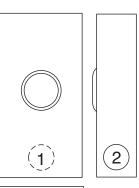


320 AMP CONTINUOUS **400 AMP MAX**



U5740-X-K3L-K2L-CAPL









U2448-X

320 AMP-4 TERMINAL-SIDE WIREWAY-OVERHEAD / UNDERGROUND-RINGLESS-1Ø3W

UTILITY	CATALOG	HUB		CTORS /AL	FIFTH	BY-		ENSI	ONS		CON	CENT	RIC K	.o.'s	
OTILITI	NUMBER	IIIOD	LINE	LOAD	TERM.	PASS	D"	W"	Н"	1	2	3	4	5	6
DUKE	U2448-X	C.P.	3/8"-16 STUD	3/8"-16 STUD	K3865	LEVER	6 ¹ / ₂	17 ³ / ₄	341/8	3	3	4	1/4	1/2,3/4,1	_

320 AMP-4 TERMINAL-OVERHEAD / UNDERGROUND-RINGLESS-1Ø3W

UTILITY	CATALOG	HUB	CONNECTORS CU/AL		FIFTH BY-		DIMENSIONS			CONCENTRIC K.O.'S						
OTILITY	NUMBER	пов	LINE	LOAD	TERM. KITS	PASS	D"	W"	Н"	1	2	3	4	5	6	
PROGRESS	U5740-X-K3L-K2L-CAPL	C.P.	#4-600 (2)1/0-250	(2) #6-350	K3865	LEVER	4 ⁷ /8	15	3111/16	3	3	3	3	1/4	1/4, 1/2	

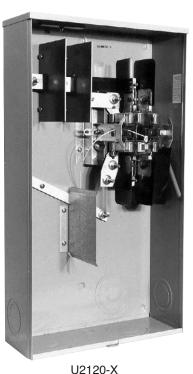
HUBS: For proper hub selection see the hub suffix chart on the accessory page.

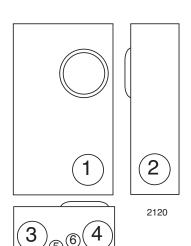
BYPASS: The lever supplies clamping action on meter spades and also operates bypass device.

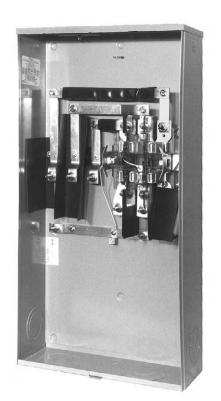
CONNECTORS: Stud type units supplied with 3/8"-16 hex head nuts with Belleville washers. For U2448-X connector kits, order as extra K1540 (600 kcmil). For twin lug connectors order as extra K1350 (350 kcmil). Separate kits are required for both line and load. Connectors for the U5740-X-K3L-K2L-CAPL are factory installed.

FIFTH TERMINAL: For field installed fifth terminal order kit number K3865 for the U2448-X and U5740-X-K3L-K2L-CAPL.









U2594-X

320 AMP-SIDE WIREWAY-7 TERMINAL-RINGLESS-3Ø4W

UTILITY	AMD	SERVICE	CATALOG	HUB	CONNEC CU/A		BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.o.'s	
OTILITI	AIVIE	SERVICE	NUMBER	1100	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6
PROGRESS ENERGY,	320	UG	U2120-X	C.P.	3/8"-16 STUD	3/8"-16 STUD	LEVER	61/2	17 ³ / ₄	31 ³ / ₄	4	3	4	4	1/4	1/2,3/4,1
DUKE	320	OH/UG	U2594-X	C.P.	3/8"-16 STUD	3/8"-16 STUD	LEVER	61/2	19	34 1/8	_	3	4	4	1/4	1/2,3/4,1

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

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

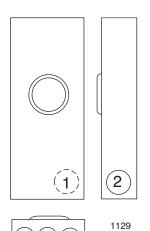
CONNECTORS: Stud type units supplied with 3/8"-16 hex head nuts with Belleville washers. For single lug connector kits, order as extra **K3441** (600 kcmil). For twin lug connectors order as extra **K3442** (350 kcmil). Separate kits are required for both line and load.







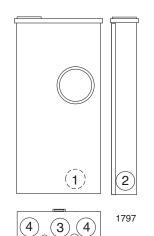
U1129-O-K3L-K2L



(3



U1797-O-K3L-K2L



320 AMP CONTINUOUS-4 TERMINAL-RINGLESS-1Ø3W-600 VAC

SERVICE	CATALOG HUE		CONNE CU		BY-	DIMENSIONS			CONCENTRIC K.O.'S						
DERVICE	NUMBER	пов	LINE	LOAD	PASS	D"	W"	Н"	1	2	3	4	5	6	
UG	U1797-O-K3L-K2L	BLANK	#4-600 or (2)1/0-250	(TWIN) #6-350	LEVER	4 ⁷ / ₈	15	30	3	3	3	3	1/4	1/4, 1/2	
UG	U1129-O-K3L-K2L	BLANK	#4-600or (2)1/0-250	(TWIN) #6-350	LEVER	4 ⁷ / ₈	15	30	3	3	3	3	1/4	1/4, 1/2	

BYPASS: On the U1797 & U1129, the lever supplies clamping action and also operates bypass device.

CONNECTORS: Connectors are factory installed on U1797-O-K3L-K2L & U1129-O-K3L-K2L

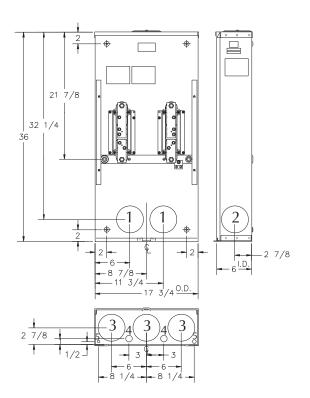
FIFTH TERMINAL: For field installed fifth terminal, order catalog # K3865.



PROVISION FOR BOLT-IN BYPASS



U4664-X-8507



4 TERMINAL-RINGLESS-1Ø3W-OVERHEAD / UNDERGROUND

UTILITY SEF		SERV	CATALOG	L&G	HUB	CONNECTOR CU/AL		DIMENSIONS			CONCENTRIC K.O.'S (INCHES)					
	OTILITI	OLIIV.	NUMBER	NUMBER	l llob	LINE	LOAD	D"	W"	H"	1	2	3	4	5	
	SCE&G	OH/UG	U4664-X-8507	9810-8507	(1) Large C.P. (-X)	1/2"-20 STUD	1/2"-20 STUD	6	17¾	36	3,3½,4	3,3½,4	3,3½,4	1/2,3/4	1/4	

APPLICATION: For use with 1Ø3W self-contained type MS-K watthour meters.

CAPACITY: 480 amperes continuous / 600 amp max.

TERMINALS: 1/2"-20 steel studs with nuts and captive Belleville washers to accommodate various bolt-on type lugs for conductors from #6 to 800 kcmil. All units come with ground lugs factory installed.

ENCLOSURE: Constructed of 14 gauge galvanized steel suitable for indoor or outdoor installations. Ringless cover. Bar suffix provides Lexan® barrier.

BYPASS: Rated 50%, separate manual type, order Milbank kit #K4687 (Kit includes 2 bypasses.)

METER MOUNTING: Two position stud type. One set of studs provides out-of-service storage. The in-service studs are positioned so the meter cannot be installed upside-down. Full travel meter opening slide plate eliminates the need for repositioning the slide plate for the "IN" or "OUT OF SERVICE" position.

BLOCKS: Glass fiber reinforced polyester plastic. High arc withstand strength and track resistant. Provisions for lightning arresters.

WEIGHT: 58 lbs.—approximate.

CONNECTORS: Phase and neutral connectors not included. For lug connector kit explanation see accessories on page 16.

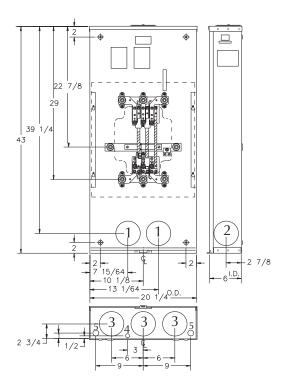




PROVISION FOR BOLT-IN BYPASS



U4667-XT-BAR-9572 (Shown without connectors)



U4667-XT-BAR-9572 UA4667-XT-9504

7 TERMINAL-RINGLESS-3Ø4W-OVERHEAD / UNDERGROUND

UTILITY	CATALOG	PHASE	LILID	CONNECTORS	GROUND	DIM	ENSI	ONS	CC	NCE	NTRI	C K.O	.'S
OTILITI	NUMBER	PHASE	пов	LINE/LOAD	LUG	D"	W"	Н"	1	2	3	4	5
PROGRESS ENERGY	U4667-XT-BAR-9572	3	C.P.(2)	704693 / 704694	#12 – 1/0	6	201/4	43	4	4	4	1/4	1/2,3/4
SCE&G	UA4667-XT-9504	3	C.P.(2)	1/2"-20 STUD	#12 – 1/0	6	201/4	43	4	4	4	1/4	1/2,3/4

APPLICATION: For use with self-contained Type MT-K watthour meters on 3Ø4W wye or 4-wire delta services.

CAPACITY: 480 amperes continuous / 600 amperes maximum.

TERMINALS: 1/2"-20 plated steel studs with nuts and captive Belleville washers to accommodate various bolt-on type lugs for conductors from #6 to 800 kcmil CU or AL. Use 3/4" insulated wrench to fasten connectors to block.

ENCLOSURE: Constructed of 14 gauge galvanized steel suitable for indoor or outdoor installations. Ringless cover.

UA4667-XT-9504 has aluminum enclosure. Consult factory. (-BAR) suffix provides Lexan[®] barrier.

BYPASS: Rated 50%, separate manual type, order Milbank kit #K4688 (Kit includes 3 bypasses.)

METER MOUNTING: The meter is mounted on 6 studs using 5/16"-24 studs with nuts with captive Belleville washers. The upper studs are positioned so that the meter cannot be installed upside down. Use 1/2" insulated wrench. Another set of studs provides on site out-of-service storage. Full travel meter opening slide plate eliminates the need for re-positioning the slide plate for the "IN" or "OUT OF SERVICE" position.

WEIGHT: 71 lbs.—approximate.

CONNECTORS: Phase and neutral connectors included on U4667-XT-BAR-9572. Socket with 1/2"-20 studs require (8) connectors for line & load. For Lug connector kit explanation refer to chart on page 16.



SCE&G APPROVED K4 & K7 METER SOCKET CONNECTORS (FOR USE WITH 201-600A 1∅ & 201-600A 3∅ SERVICE)

Milbank Catalog Number

U4664-X-8507

400 amp-4 Terminal-1Ø3W-OH / UG-K4 (for use on 201-600A 120 / 240V 1Ø service)

Lug Requirements:

Option 1: Overhead

Line Side (2) **Z705545-AC** – Single 3/0-800 kcmil side entry Load Side (2) **Z708124-AC** – Single 3/0-800 kcmil bottom entry (2) **Z703921-AC** – Single 3/0-800 kcmil front entry Neutral

Option 2: Underground

Line Side (2) **Z703917-AC** – Parallel #6-350 kcmil side entry Load Side (2) **Z705456-AC** – Parallel #6-350 kcmil bottom entry Neutral (1) **Z705420-AC** – Quad #6-350 kcmil front entry

Milbank Catalog Number

U4667-XT-9504

480 amp continuous-600 amp max-7 Terminal-3Ø4W 600V-WYE or DELTA-OH / UG-K7

Lug Requirements:

Option 1: Overhead

(8) **Z703921-AC** – Single 3/0-800 kcmil front entry

Option 2: Underground

(3) **Z703916-AC** – Single 3/0-800 kcmil side entry

(5) **Z703921-AC** – Single 3/0-800 kcmil front entry

Option 3: Overhead

(8) **Z703918-AC** – Parallel #4-350 kcmil front entry

Option 4: Underground

(3) **Z703919-AC** – Parallel #6-350 kcmil side entry

(5) **Z703918-AC** – Parallel #4-350 kcmil front entry

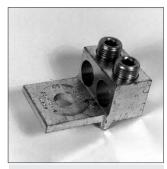
CONNECTOR CATALOG NUMBER	WIRE RANGE	TYPE	WIRE ENTRY
Z703916-AC	3/0-800 kcmil	SINGLE	SIDE
Z703921-AC	3/0-800 kcmil	SINGLE	FRONT
Z703918-AC	#4-350 kcmil	TWIN	FRONT
Z703919-AC	#6-350 kcmil	TWIN	SIDE
Z704693-AC	#2-500 kcmil	TWIN	SIDE
Z704694-AC	#4-500 kcmil	TWIN	FRONT
Z705545-AC	3/0-800 kcmil	SINGLE	SIDE
Z708124-AC	3/0-800 kcmil	SINGLE	воттом
Z703917-AC	#6-350 kcmil	TWIN	SIDE
Z705456-AC	#6-350 kcmil	TWIN	воттом
Z705420-AC	#6-350 kcmil	QUAD	FRONT



#Z703916-AC #58852



#Z703921-AC #56476



#Z703918-AC #56732



#Z705420-AC #56426



#Z703919-AC #58853

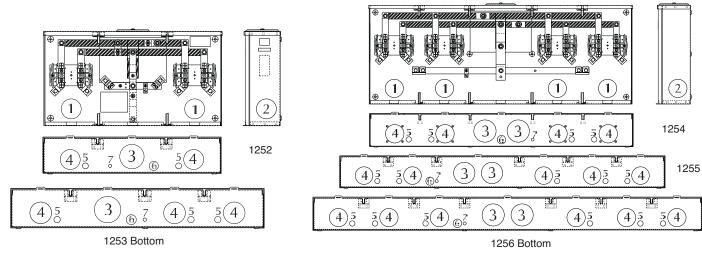


Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.





U1252-X-K1-CAPL



200 AMP / POSITION-4 TERMINAL-RINGLESS-1Ø3W-OH/UG*

UTILITY	TILITY AMPS OF CATALOG		HUB	CONNECTOR CU/AL		BY-	DIMENSIONS		ONS	CONCENTRIC K.O.'S								
OHEHH	AWII 3	POS.	NUMBER	1100	LINE	LOAD	PASS	D″	W″	H″	1	2	3	4	5	6	7	
DUKE, SCE&G PROGRESS EN	200	2	U1252-X-K1-CAPL	C.P.	350	#6-350	NONE	51/8	261/2	14	21/2	21/2	3	21/2	1/2	1	1/4	
DUKE, SCE&G PROGRESS EN	200	3	U1253-X-K1-CAPL	C.P.	350	#6-350	NONE	51/8	3411/16	14	21/2	21/2	3	21/2	1/2	1	1/4	
DUKE, SCE&G PROGRESS EN	200	4	U1254-X-K2-CAPL	C.P.	(2)350	#6-350	NONE	51/8	427/8	16	21/2	21/2	3	21/2	1/2	1	1/4	
DUKE, SCE&G PROGRESS EN	200	5	U1255-X-K2-CAPL	C.P.	(2)350	#6-350	NONE	51/8	54 ⁷ / ₈	16	21/2	21/2	3	21/2	1/2	1	1/4	
DUKE, SCE&G PROGRESS EN	200	6	U1256-X-K2-CAPL	C.P.	(2)350	#6-350	NONE	51/8	63 ¹ / ₁₆	18	21/2	21/2	3	21/2	1/2	1	1/4	

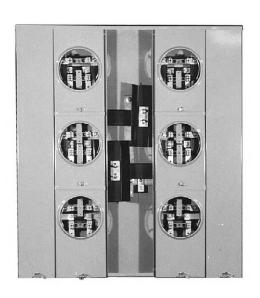
All units are configured for underground service.

CONNECTORS: Extruded aluminum connectors are tin plated.

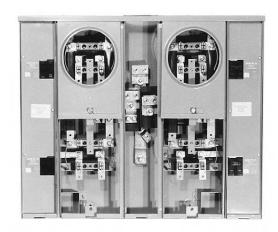
BUSSING: Bussing is 5/16" x 1" aluminum except for the 4, 5 & 6 position units where 3/8" x 1" aluminum bussing is supplied.

*FOR OVERHEAD SERVICE: The U1254-56 units are factory assembled for underground service. If overhead service is desired, an extension kit is required. Order catalog number K3923 for the U1254 & U1255 units, and K3955 for the U1256 unit. FIFTH TERMINAL: Fir field installed fifth terminal, order catalog number K5T.





U2866-X



U2854-X-4/125 (Order circuit breakers as extra)

125 AMP/POSITION

LINE	
NNECTOR	

200 AMP/POSITION

NO. OF POS.	CATALOG NUMBER	MAIN BUS RATING	LINE CONNECTOR SIZE
2	U2852-X	200 AMP	*3/8"-16 STUD
3	U2853-X	200 AMP	*3/8"-16 STUD

NO. OF POS.	CATALOG NUMBER	MAIN BUS RATING	LINE CONNECTOR SIZE					
2	U2862-X	250 AMP	*3/8"-16 STUD					
3	U2863-X	300 AMP	*3/8"-16 STUD					

125 AMP/POSITION

RECTANGULAR

VERTICAL

200 AMP/POSITION

NO. OF POS.	CATALOG NUMBER	MAIN BUS RATING	LINE CONNECTOR SIZE
4	U2854-X	400 AMP	*3/8"-16 STUD
5	U2855-X	400 AMP	*3/8"-16 STUD
6	U2856-X	400 AMP	*3/8"-16 STUD

OF POS.	CATALOG NUMBER	MAIN BUS RATING	LINE CONNECTOR SIZE
4	U2864-X	400 AMP	*3/8"-16 STUD
5	U2865-X	600 AMP	*3/8"-16 STUD
6	U2866-X	600 AMP	*3/8"-16 STUD

CONNECTOR KITS *

SIZE	SUFFIX	KIT NUMBER	COMPATIBLE WITH	WIRE RANGE
SINGLE	-K1	K1539	U2852-56 U2862-66	#6-350 or 2-1/0 / 250
OMGEE	-K3	K1540	U2854-56 U2864-66	#4-600
TWIN	-K2	K1350	U2854-56 U2863-66	#6-350
1 77114	-K4	K1541	U2864-66	#2-600

*CONNECTORS: For line wire connector kits, order separately.

FIFTH TERMINALS: For field mounted fifth terminal order catalog number K2381. Order one per meter position (9 o'clock position

BREAKERS: Units have provision for one double pole main per meter position. Breakers not included. Order as extra Milbank.

PLUG-IN BREAKER COMPATIBILITY CHART

AMPS	CUTLER-HAMMER (WESTINGHOUSE)	(ITF)	SIEMENS MURRAY / CROUSE-HINDS	G.E.	SQ-D
125-200	HQP / BR / WBJ	_	MD	THQ	_
≤ 100	QP / BR / HQP	QP	MP	THQ	HOMELINE



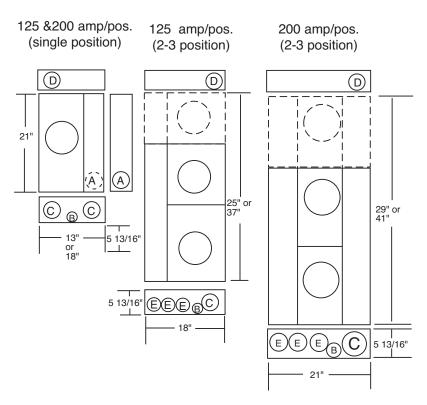
U2852-X

METERING BANKS

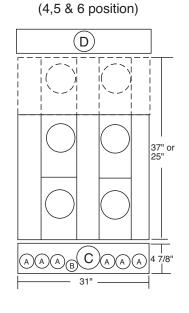
CONDOMINIUM

FIG. **DIMENSIONS** Α $1\frac{1}{4}$ " CONCENTRIC K.O. 1/4, 1/2" CONCENTRIC K.O. В С 3" CONCENTRIC K.O. D 4" HUB OPENING Ε 2" CONCENTRIC K.O.

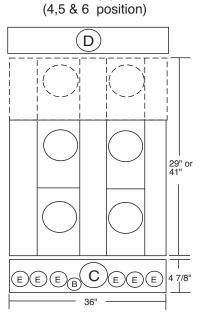
VERTICAL



RECTANGULAR



125 amp/pos.

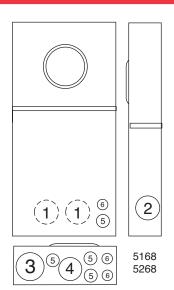


200 amp/pos.









200 AMP-4 TERMINAL-METER MAIN-OVERHEAD / UNDERGROUND-22K AIC-120/240 VOLT-1Ø3W

	AMPS	NO. OF	CATALOG	HUB	CONNE	CTORS	BY-	DIM	ENSIC	ONS		CON	CENT	RIC K	.0.'S	
	AIVIPS	CIRCUITS	NUMBER	пив	LINE	LOAD	PASS	D"	W"	H"	1	2	3	4	5	6
*	100	8	U5168-XTL-100 ^①	C.P.	#6-350	#1/0-300 Breaker*	NONE	41/2	14 ¹ / ₈	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	100	8	U5168-XTL-100-KK ^①	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	14 ¹ / ₈	32	2	2	3	21/2	1/2,3/4, 1	1/2,3/4
	100	8	U5168-XTL-100-KK-5T ^①	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
	150	8	U5168-XTL-150	C.P.	#6-350	#1/0-300 Breaker*	NONE	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	150	8	U5168-XTL-150-KK	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	150	8	U5168-XTL-150-KK-5T	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	200	8	U5168-XTL-200	C.P.	#6-350	#1/0-300 Breaker*	NONE	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	200	8	U5168-XTL-200-KK	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	200	8	U5168-XTL-200-KK-5T	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
	150	20	U5268-XTL-150	C.P.	#6-350	#1/0-300 Breaker*	NONE	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
	150	20	U5268-XTL-150-KK	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	200	20	U5268-XTL-200	C.P.	#6-350	#1/0-300 Breaker*	NONE	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4
*	200	20	U5268-XTL-200-KK	C.P.	#6-350	#1/0-300 Breaker*	HORN	41/2	141/8	32	2	2	3	21/2	¹ / ₂ , ³ / ₄ , 1	1/2,3/4

① Amperage rating is limited to main breaker rating. Interior has 10 branch circuit breaker provisions.

HUB: Supplied with (2) closing plates packed inside. Order hubs as a separate item. See accessory page for hub options.

INTERIOR: U5168 units have 8-circuit interior; U5268 units have 20-circuit interior.

FIFTH TERMINAL: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.

BREAKERS: Rated 22K AIC with Milbank QNR2200H main installed.

INTERLOCK KIT: For generator auxiliary circuit breaker interlock, order K5815 for large QN with small frame Q; order K5820 for large frame QN with large frame QN. Also Q to Q order K5830

SUB-FEED LUGS: #6-350 kcmil sub-feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.

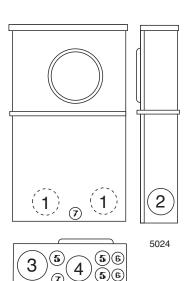
*STOCK ITEMS

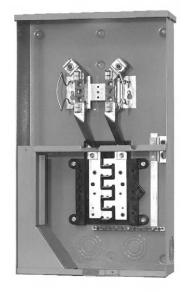
MAIN CIRCUIT BREAKER CHART

Amperage	100	150	200
Catalog no.	Q2100H	QN2150RH	QN2200RH

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







UAP5024-XL

4 TERMINAL-RINGLESS-METER SOCKET / CB COMBO

AMPS S	SERVICE	CATALOG	HUB	CONNECTORS CU/AL	BY-	DIMENSIC		NSIONS		CONCENTRIC K.O.'S						
AWPS	SERVICE	NUMBER	пов	LINE	PASS	D"	W"	Н"	1	2	3	4	5	6	7	
200	OH/UG	UAP5024-XL	C.P.	#6-350 kcmil	NONE	4 1/2	14 ¹ / ₈	24	2	2	3	21/2	1/2,3/4,1	1/2,3/4	1/4,1/2	

BUSSING: Load side bus bars and circuit breaker interior are made from plated copper

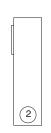
WIREWAY: Provided with underground pull section wireway with removable cover

BREAKERS: Breaker section has provision for six double pole plug-in circuit breakers. All circuit breakers will be parallel. To comply with NEC wire bending space requirements, the maximum single breaker amperage is 200 amps restricted to 3/0 copper conductor.

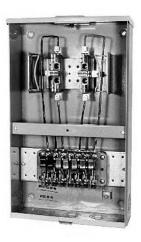














UC7449-XL

UC7532-RL-TS10-0109 (shown prewired with Milbank Test Switch)

UC7478-YL

1 PIECE COVER-RINGLESS-WITH TEST SWITCH PROVISION *

NO.	OF METER CATALOG HUB COM		CONNECTORS	BY-	DIMENSIONS			CONCENTRIC K.O.'S							
TERMS	FORM	NUMBER	пов	CU	PASS	D"	W"	Н"	1	2	3	4	5	6	
5	3S	UC7442-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1/4, 1/2	
6	4S	UC7478-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1/4, 1/2	
8	5S	UC7444-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1/4, 1/2	
13	6, 8, 9 & (ALT) 10S	UC7445-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 1/4	1 ¹ / ₄	1 1/4	1 1/4	1/4, 1/2	

2 PIECE COVER-RINGLESS & RING TYPE-WITH TEST SWITCH PROVISION *

NO.	RINGLESS	RING TYPE CATALOG	HUB	CONNECTORS	BY-	DIM	ENSI	ONS		CON	CENT	RIC K	.0.'S	
OF TERMS	CATALOG NUMBER	NUMBER	пов	CU	PASS	D"	W"	Н"	1	2	3	4	5	6
5	UC7446-RL	UC7450-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1 ¹ / ₄	1/4,1/2
6	UC7532-RL	UC7636-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1/4,1/2			
8	UC7448-RL	UC7460-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1/4,1/2
13	UC7449-RL	UC7461-RL	H.O.	#14 - #4 MAX	NONE	41/8	12	20	1 ¹ / ₄	1 ¹ / ₄	1 1/4	1 1/4	1 1/4	1/4,1/2

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

SEALING RINGS: Ring type units are supplied with one MR-2, snap type, sealing ring.

PREWIRING: If standard factory pre-wiring is required, refer to wiring diagrams in the general engineering section of this catalog. Determine appropriate diagram and send copy with order. If custom factory prewiring is required, specify on order. Be sure to include meter socket catalog number, test switch model and number, and meter form number. Please be sure to provide a copy of your wiring diagram.

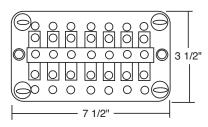
CONNECTORS: Units are supplied with sleeve type connectors (#4 max.) If compression type connectors (#10) are preferred, change catalog prefix to "S" (i.e. UC7445-XL becomes S7445-XL.) The "S" prefix also designates non-UL.

*TEST SWITCH COVER: Units on this page are not designed for use with test switch covers.

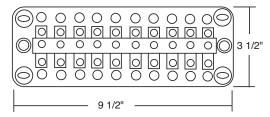
SERVICE: Units are rated for overhead or underground service.



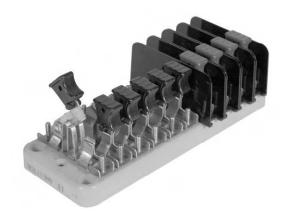




4 & 7 Pole Base



7 & 10 Pole Base



CATALOG NUMBER			4-1	POI	LE		
TS04-0101	Х	Р	Pn	Χ	C+	С	Х
TS04-0103	Х	Р	Pn	Х	С	C+	Х
TS04-0104	Х	C+	С	Х	Р	Pn	Х

	KEY
Р	Potential Switch
C+	Line side current switch with short circuit assembly
С	Load side current switch with test jack assembly
N	Neutral bar (no switch)
Pn	Neutral potential switch
Х	Unused position on base
	Insulating barrier, isolates both sides of switch

CATALOG NUMBER			7 -l	POI	LE		
TS07-0105	LP.	Р	Pn	C+	С	C+	С
TS07-0107	Р	Р	Pn	С	C+	С	C+

CATALOG NUMBER	7-	PO	LE	ON	A 1	0 F	POL	E E	BAS	E
TS07-0049	Р	Х	Р	Χ	Pn	Χ	C+	С	С	C+
TS07-0106	Х	Р	C+	С	P	C+	С	Pn	Χ	Х

CUSTOM POLE ARRANGEMENTS:

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

CATALOG NUMBER				1	0-P	OL	E			
TS10-0109	Р	LP	Р	Pn	C+	С	C+	С	C+	С
TS10-0110	Р	C+	С	Р	C+	С	Р	C+	С	Pn
TS10-0111	Р	Р	Р	Pn	С	C+	С	C+	С	C+
TS10-0112	C+	С	C+	С	C+	С	Р	Р	Р	Pn

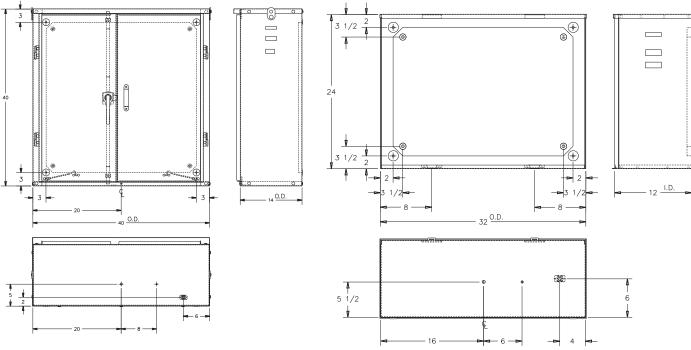


U4408-O

- Designed as a housing for instrument current transformers which are required for transformer-rated watthour metering. Additional applications include use as a junction or service box, and meter transformer, relay, or terminal assembly housing
- Rainproof top
- Weld in Ground Stud
- Pad-locking door handle
- Wood Back Panel
- Type 3R

CATALOG	GAUGE	DIMENSIONS			PANEL BOARD		
NUMBER	STEEL	H" W" D"		Н"	W"		
U4408-O	12	40	40	14	34	34	



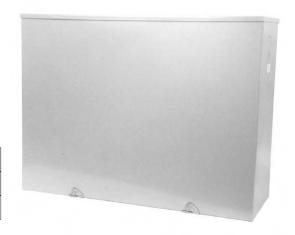


U4410-O

- Designed as a housing for instrument current transformers which are required for transformer-rated watthour metering. Additional applications include use as a junction or service box, and meter transformer, relay, or terminal assembly housing
- Rainproof top
- Weld in Ground Stud
- Removable cover
- Mounting embossments on back of enclosure
- · Wood back panel
- Type 3R

(UL

CATALOG	GAUGE	DI	MENSIO	NS	PANEL	BOARD
NUMBER	STEEL	H" W" D		D"	Н"	W"
U4410-O	14	24	32	12	20	28



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



APPLICATIONS

These units are ideal for controlling and metering:

- Traffic signals
- Street lighting
- Irrigation / sprinkler systems
- Cell towers / telephone vaults
- · Pump stations
- Temporary power for fairgrounds, swap meets, outdoor markets, portable offices, holiday lights, etc.
- Outdoor lighting for athletic fields, tennis and basketball courts, parking lots, landscaping and subdivision entrances, etc.





AVAILABLE FACTORY-INSTALLED OPTIONS

- Meter sockets ring type or ringless, to 400 amp (unmetered pedestals also available)
- Main and branch breakers or T fuses
- Distribution copper load centers & panel boards
- Clocks / timers / relays
- Photoelectric cells and controls
- Power receptacles pin & sleeve, twist lock or straight blade
- Contactors definite purpose, electrical or mechanically held, IEC and mercury types
- Surge protection & lightning arrestors
- Reserve inlet generator receptacle with interlocked circuit breakers

- Motor starters, relays
- Push button controls
- Thermostat controls, fans and heating strips
- · Power blocks and terminal blocks
- Steel, aluminum and plywood back boards
- Transformers
- Interlock devices for circuit breakers
- Available in steel, aluminum (raw painted or anodized) or stainless steel construction with powder-coated finish available in 8 standard colors or special ordered RAL colors.
- Available for applications up to 400 amp, 120V, 208V, 240V, 277V, 480V – 1Ø or 3Ø.

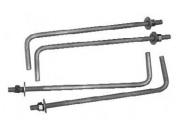
ACCESSORIES





CP-TC7D

7-day time clock kit CP-TC24H 24-hour time clock kit **CP-TCWIRE** Male four-pin connector and wiring harness for use with time clocks other than shown



CP-ABK5/8

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



CP-16PDMNT-CALT

Pedestal mounting base for 16" pedestal **CP-24PDMNT-CALT**

Pedestal mounting base for 24" pedestal (includes mounting hardware)



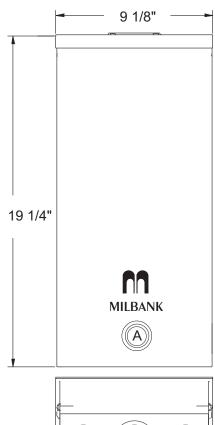
CP-PE-HOA-3POS HOA switch - for field installation

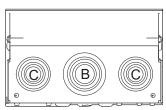
Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog.

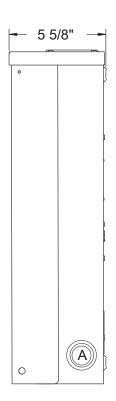












A=1/2, 3/4, 1, 1 1/4 B=3/4, 1, 1 1/4, 1 1/2, 2 C=1/2, 3/4, 1, 1 1/4, 1 1/2

SPECIFICATIONS:

- UL Listed 125 Amp, 120/240 Volt, 1\infty Power Outlet.
- Short circuit current withstand rating 10,000 RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- ASA 61 grey polyester powder coat finish.
- Convenient concentric knock-out configurations and mounting embosses.
- Hub opening with closure plate allows for meter or light kit retrofit.
- Wire terminations accept copper or aluminum conductors for loop feed wiring. Line: (2) 1/0-#12 Ground: (2) 1/0-#14 & (4) #6-#14 Neutral: (2) 1/0-#14 & (4) #6-#14
- Six circuit plated copper interior accepts standard plug-in type circuit breakers. Rated up to 125 amps.
- Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and dead front are removable for installation and maintenance. Stay-open hinge cover has safety interlock on dead front. Dead front cover must be removed before hinge cover can be removed.
- Low wattage, 120 volt fluorescent site light available. Factory or field installable.
- Unit weight: 21 lbs.





	U5000 STANDARD MODELS					
CATALOG #	RECEPTACLES		CIRCUIT BREAKERS			
◆U5000-XL-41	(1) TT30R (1) 5-20R GFI		(1) 30A, 1P, 120V (1) 20A, 1P, 120V			
◆U5000-XL-332	(2) TT30R (1) 5-20R GFI		(2) 30A, 1P, 120V (1) 20A, 1P, 120V			
◆U5000-XL-55	(1) 14-50R (1) 5-20R GFI		(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V			
<i>♦U5000-XL-75</i>	(1) 14-50R (1) TT30R (1) 5-20R GFI		(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V			
U5000-XL-75GB	(1) 14-50R (1) TT30R (1) 5-20R		(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V, GFI			

U5000 STANDARD BASE MODEL

Order up to (3) receptacle / breaker kits. Sold separately for field installation.

DESCRIPTION CATALOG

♦*U5000-XL* Base model without receptacles or circuit breakers.

RECEPTACLE & CIRCUIT BREAKER KITS						
CATALOG #	RECEPTACLES	CIRCUIT BREAKERS	CONDUCTORS	CONFIGURATION		
◆K5400-520GR	5-20R Duplex GFI	20 Amp, 1 Pole	12 Awg	GFI Rec.		
◆K5400-520GB	5-20R Duplex	20 Amp, 1 Pole GFI	12 Awg	● GFI CB		
◆K5400-TT30	TT30R	30 Amp, 1 Pole	10 Awg			
K5400-TT30GB	TT30R	30 Amp, 1 Pole GFI	10 Awg	○ GFI CB		
◆K5400-1450	14-50R	50 Amp, 2 Pole	8 Awg			

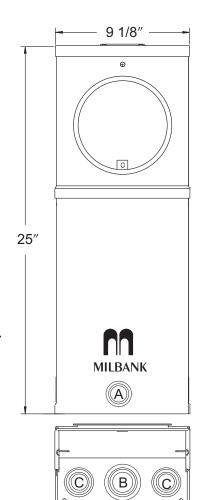
◆ Stock model. Availability subject to prior sale. Note: 20 Amp GFI required at each RV site by UL and NEC 551-71

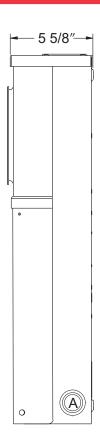
INTERNAL LIGHT KITS Factory or field installed. See accessory page.





Loop feed not available.





A=1/2, 3/4, 1, 1 1/4 B=3/4, 1, 1 1/4, 1 1/2, 2 C=1/2, 3/4, 1, 1 1/4, 1 1/2

SPECIFICATIONS

- UL Listed 125 Amp, 120/240 Volt—1Ø Power Outlet.
- Short circuit current withstand rating 10,000 RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- ASA 61 grey polyester powder coat finish.
- Convenient concentric knock-out configurations and mounting embosses.
- Hub opening with closure plate allows for pagoda light kit retrofit.
- Wire terminations accept copper or aluminum conductors. Loop feed not available. Line: (1) #6-250 kcmil Ground: (2) 1/0-#14 & (4) #6-#14 Neutral: (2) 1/0-#14 & (4) #6-#14
- Six circuit plated copper interior accepts standard plug-in type circuit breakers. Rated up to 125 amps.
- Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Four terminal, drawn ring type meter socket with aluminum sealing ring. Ringless type meter socket available. Use **U5101** prefix.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and dead front are removable for installation and maintenance.
 Stay-open hinge cover has safety interlock on dead front. Dead front must be removed before hinge cover can be removed.
- Low wattage, 120 volt fluorescent site light available. Factory or field installable.
- Unit weight: 26 lbs.



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



		U5100 STAN	DARD MODELS	
CATALOG #	RECEPTACLES		CIRCUIT BREAKERS	
◆U5100-XL-41 U5100-XL-41GB	(1) TT30R (1) 5-20R GFI (1) TT30R (1) 5-20R		(1) 30A, 1P, 120V (1) 20A, 1P, 120V (1) 30A, 1P, 120V (1) 20A, 1P, 120V	
◆U5100-XL-55	(1) 14-50R (1) 5-20R GFI		(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	
◆U5100-XL-75 U5100-XL-75GB	(1) 14-50R (1) TT30R (1) 5-20R GFI (1) 14-50R (1) TT30R (1) 5-20R		(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V (1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V, GFI	
U5100-XL-552GR	(2) 14-50R (1) 5-20R GFI		(2) 50A, 2P, 120/240V (1) 20A, 1P, 120V, GFI	

U5100 STANDARD BASE MODELS

Order up to (3) receptacle / breaker kits. Sold separately for field installation.

CATALOG # DESCRIPTION

◆U5100-XL
 ♦U5101-XL
 Ring-type base model without receptacles or circuit breakers.
 Ringless-type base model without receptacles or circuit breakers.

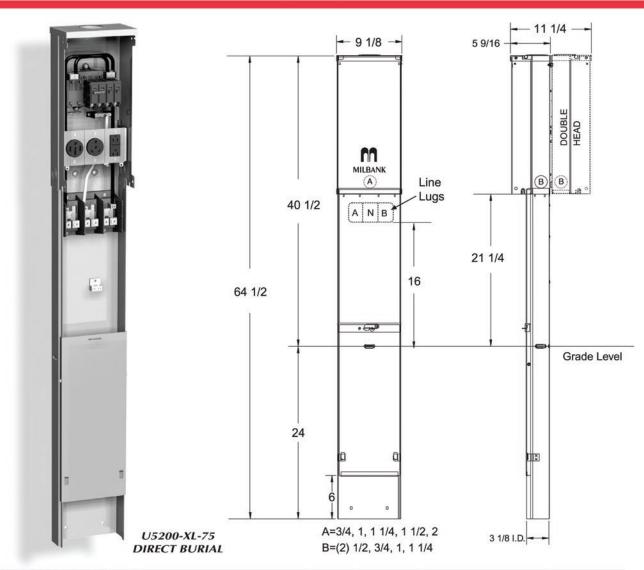
	RECEF	PTACLE & CIRCUIT BI	REAKER KITS	
CATALOG #	RECEPTACLES	CIRCUIT BREAKERS	CONDUCTORS	CONFIGURATION
◆K5400-520GR	5-20R Duplex GFI	20 Amp, 1 Pole	12 Awg	GFI Rec.
◆K5400-520GB	5-20R Duplex	20 Amp, 1 Pole GFI	12 Awg	⊕ GFI CB
♦ <i>K</i> 5400-TT30	TT30R	30 Amp, 1 Pole	10 Awg	
K5400-TT30GB	TT30R	30 Amp, 1 Pole GFI	10 Awg	● GFI CB
◆K5400-1450	14-50R	50 Amp, 2 Pole	8 Awg	

◆ Stock model. Availability subject to prior sale.

Note: 20 Amp GFI required at each RV site by UL and NEC 551-71

INTERNAL LIGHT KITS Factory or field installed. See accessory page.





SPECIFICATIONS

- UL Listed 125 Amp, 120/240 Volt—1Ø Power Outlet.
- Short circuit current withstand rating 10,000 RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- Direct burial or pad mounted post constructed with 16 gauge galvanized steel. Two removable front covers for ease of installation. Accepts up to (3) 2 1/2" conduits.
- ASA 61 grey polyester powder coat finish.
- Convenient concentric knock-out configurations. See note A & B above.
- Hub opening with closure plate allows for meter or light kit retrofit.
- Wire terminations accept copper or aluminum conductors for loop feed wiring.
 - Line: (2) #6-350 kcmil Ground: (2) #14-2/0
- Neutral: (2) #6-350 kcmil
- Six circuit plated copper interior accepts standard plug-in type circuit breakers. Rated up to 125 amps.
- Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and dead front are removable for installation and maintenance.
 Stay-open hinge cover has safety interlock on dead front. Dead front must be removed before hinge cover can be removed.
- Low wattage, 120 volt fluorescent site light available. Factory or field installable.
- Unit weight: Single–48 lbs. Double–70 lbs.





		U5200 STANDARD MC	DDELS
SINGLE HEAD CATALOG #	DBL. HEAD CATALOG#	RECEPTACLES	CIRCUIT BREAKERS
◆U5200-XL-41	◆U5220-XL-41	(1) TT30R (1) 5-20R GFI	(1) 30A, 1P, 120V (1) 20A, 1P, 120V
U5200-XL-41GB		(1) TT30R (1) 5-20R	(1) 30A, 1P, 120V (1) 20A, 1P, 120V, GFI
◆U5200-XL-332		(2) TT30R (1) 5-20R GFI	(2) 30A, 1P, 120V (1) 20A, 1P, 120V
♦ U5200-XL-75	◆U5220-XL-75	(1) 14-50R (1) TT30R (1) 5-20R GFI	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V
U5200-XL-75GB		(1) 14-50R (1) TT30R (1) 5-20R	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V,GFI

U5200 STANDARD BASE MODELS

Order up to (3) receptacle / breaker kits. Sold separately for field installation.

CATALOG #	DESCRIPTION
◆U5200-XL	Single head base model on direct burial post.
◆U5210-XL	Single head base model on pad mount post. Order K5410 pad mount base separately.
◆U5220-XL	Double head base model on direct burial post.
◆U5230-XL	Double head base model on pad mount post. Order K5410 pad mount base separately.

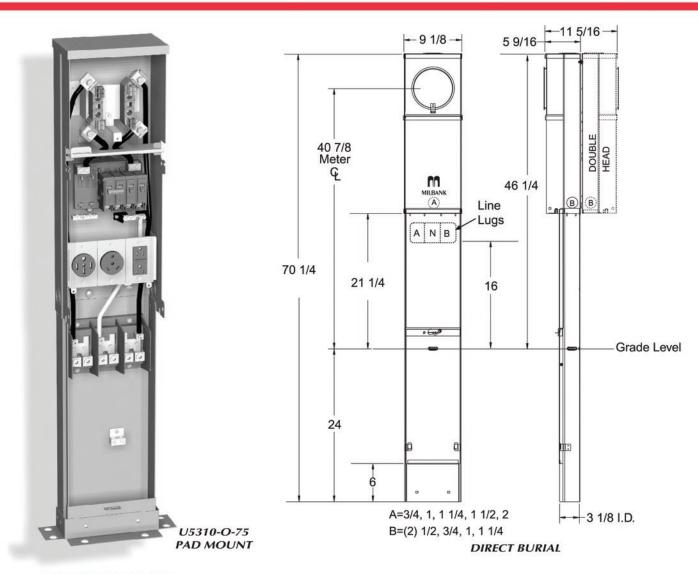
RECEPTACLE & CIRCUIT BREAKER KITS					
CATALOG #	RECEPTACLES	CIRCUIT BREAKERS	CONDUCTORS	CONFIGURATION	
◆K5400-520GR	5-20R Duplex GFI	20 Amp, 1 Pole	12 Awg	GFI Rec.	
♦ <i>K</i> 5400-520GB	5-20R Duplex	20 Amp, 1 Pole GFI	12 Awg	⊕ GFI CB	
♦ K5400-TT30	TT30R	30 Amp, 1 Pole	10 Awg		
K5400-TT30GB	TT30R	30 Amp, 1 Pole GFI	10 Awg	GFI CB	
◆K5400-1450	14-50R	50 Amp, 2 Pole	8 Awg		

◆ Stock model. Availability subject to prior sale.

Note: 20 Amp GFI required at each RV site by UL and NEC 551-71

INTERNAL LIGHT KITS Factory or field installed. See accessory page.





SPECIFICATIONS

- UL Listed 125 Amp, 120/240 Volt—1Ø Power Outlet.
- Short circuit current withstand rating 10,000 RMS symmetrical amperes.
- Type 3R welded enclosure for durable outdoor use.
- Enclosure constructed with galvanized 16 gauge steel.
- Direct burial or pad mounted post constructed with 16 gauge galvanized steel. Two
 removable front covers for ease of installation. Accepts up to (3) 2 1/2" conduits.
- ASA 61 grey polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors for loop feed wiring.
 - Line: (2) #6-350 kcmil Ground: (2) #14-2/0 Neutral: (2) #6-350 kcmil
- Six circuit plated copper interior accepts standard plug-in type circuit breakers. Rated up to 125 amps.
- Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates.
- Four terminal, drawn ring type meter socket with aluminum sealing ring.
- Components factory wired with stranded copper wire.
- Lockable hinge cover and dead front are removable for installation and maintenance.
 Stay-open hinge cover has safety interlock on dead front. Dead front must be removed before hinge cover can be removed.
- Low wattage, 120 volt fluorescent site light available. Factory or field installable.
- Unit weight: Single–53 lbs. Double–80 lbs.





U5300 STANDARD MODELS				
SINGLE HEAD CATALOG #	DBL. HEAD CATALOG#	RECEPTACLES	CIRCUIT BREAKERS	
◆U5300-O-41		(1) TT30R (1) 5-20R GFI	(1) 30A, 1P, 120V (1) 20A, 1P, 120V	
◆U5300-O-55		(1) 14-50R (1) 5-20R GFI	(1) 50A, 2P, 120/240V (1) 20A, 1P, 120V	
◆U5300-O-75	♦ <i>U5320-O-75</i>	(1) 14-50R (1) TT30R (1) 5-20R GFI	(1) 50A, 2P, 120/240V (1) 30A, 1P, 120V (1) 20A, 1P, 120V	
◆ <i>U5300-O-552GR</i>		(2) 14-50R (1) 5-20R GFI	(2) 50A, 2P, 120/240V (1) 20A, 1P, 120V	

U5300 STANDARD BASE MODELS

Order up to (3) receptacle / breaker kits. Sold separately for field installation.

CATALOG # DESCRIPTION

<i>♦U5300-O</i>	Single head base model on direct burial post.
<i>♦U5310-O</i>	Single head base model on pad mount post. Order K5410 pad mount base separately.
<i>♦U5320-O</i>	Double head base model on direct burial post.
<i>♦U5330-O</i>	Double head base model on pad mount post. Order K5410 pad mount base separately.

RECEPTACLE & CIRCUIT BREAKER KITS						
CATALOG #	RECEPTACLES	CIRCUIT BREAKERS	CONDUCTORS	CONFIGURATION		
◆K5400-520GR	5-20R Duplex GFI	20 Amp, 1 Pole	12 Awg	GFI Rec.		
♦ <i>K</i> 5400-520 <i>GB</i>	5-20R Duplex	20 Amp, 1 Pole GFI	12 Awg	⊙ GFI CB		
♦ <i>K</i> 5400-TT30	TT30R	30 Amp, 1 Pole	10 Awg			
K5400-TT30GB	TT30R	30 Amp, 1 Pole GFI	10 Awg	⊙ ■ GFI CB		
◆K5400-1450	14-50R	50 Amp, 2 Pole	8 Awg			

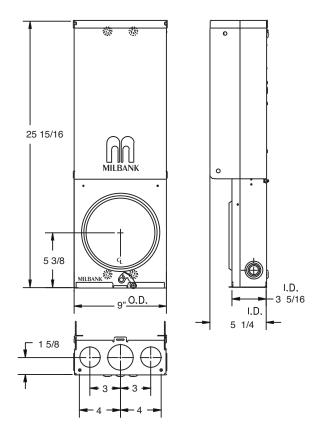
♦ Stock model. Availability subject to prior sale.

Note: 20 Amp GFI required at each RV site by UL and NEC 551-71 INTERNAL LIGHT KITS Factory or field installed. See accessory page.









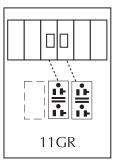
SPECIFICATIONS

- Available in ringless style (**U4908** series) or ring type (**U4909** series)
- UL Listed 100 Amp, 120/240 Volt − 1Ø Underground Service Power Outlet
- Short circuit current withstand rating 10K RMS symmetrical amperes
- Type 3R welded enclosure for durable outdoor use
- Enclosure constructed with galvanized 16 gauge steel
- ASA 61 grey polyester powder coat finish
- Convenient concentric knock-out configurations and mounting embosses
- Wire terminations accept copper or aluminum conductors
 Service–Line & Neutral: (1) #6-2/0 Load Ground: (2) 1/0-#14 & (4) #6-#14
 Load Neutral: (2) 1/0-#14 & (4) #6-#14 Service Ground: #2-#8
- Six circuit plated copper interior accepts standard plug-in type circuit breakers
- Three position self-grounded receptacle bridge accepts most standard NEMA receptacles with mounting plates
- Four terminal, ringless meter socket with stainless steel locking hasp. Ring type socket has aluminum MR-2 snap action sealing ring
- Lockable hinge cover and deadfront are removable for installation and maintenance. Stay-open hinge cover has safety interlock on deadfront. Deadfront must be removed before hinge cover can be removed.
- Tamper proof fastening available

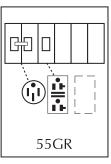




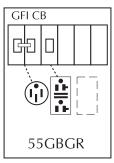
U4908 / U4909 STANDARD CONFIGURATIONS



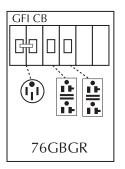
2-20A /125V



1-20A/125V 1-50A/125-250V



1-20A/125V 1-50A/125-250V



2-20A/125V 1-50A/125-250V

ORDERING INFORMATION

CATALOG #	SOCKET TYPE	DESCRIPTION
◆ U4908-O	Ringless	Order base model and up to three factory installed receptacle/breaker kit separately
		from list below. Other kits available. Consult factory.
◆ U4908-O-11GR	Ringless	
U4908-O-55GBGR	Ringless	
U4909-O	Ring type	Order base model and up to three factory installed receptacle/breaker kit separately
		from list below. Other kits available. Consult factory.
◆ U4909-O-11GR	Ring type	
◆ U4909-O-55GBGR	Ring type	

DECEDTA	CIFR	CIRCUIT	BRFAKFR	KITC
A FU FF I A		CINCLIII	DAFAREA	$\mathbf{A} \mathbf{I} \mathbf{I} \mathbf{J}$

CATALOG						
NUMBER	AMP	BLADE	VOLTAGE	CONFIG.	TYPE	CIRCUIT BREAKER TYPE
◆ K5400-520	20	Straight	120	5-20	Std. Duplex	20 Amp 1 Pole
◆ K5400-520GR	20	Straight	120	5-20	GFI Duplex	20 Amp 1 Pole
K5400-620	20	Straight	240	6-20	Single	20 Amp 2 Pole
◆ K5400-620GB	20	Straight	240	6-20	Single	20 Amp 2 Pole GFI
◆ K5400-1450	50	Straight	120/240	14-50	Single	30 Amp 2 Pole
◆ K5400-1450GB	50	Straight	120/240	14-50	Single	30 Amp 2 Pole GFI

Flat cover may not close completely with twist locking devices in use.

Order slope-front 3R cover # 1107681 separately to use with twist lock type receptacles.

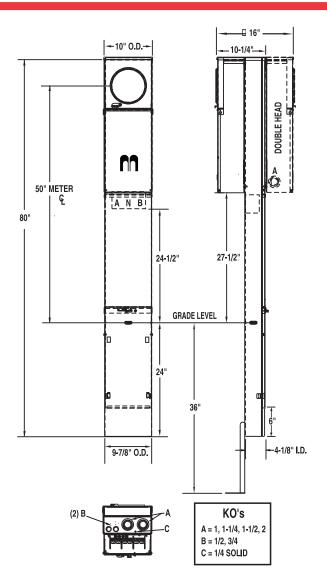
◆ Stock item – availability subject to prior sale.

Non-stock items - minimum order quantity required





U5136-O-200S with series wired main & **K5400-520GR** kit



SPECIFICATIONS

- UL Listed conforms to EUSERC drawing number 307
- 200 amp maximum, 120/240 volt, single phase, three wire meter socket
- Ringless meter socket with horn bypass and stainless steel latch
- Short circuit withstand rating 22K AIC.
- Type 3R construction for durable outdoor use, one piece post lockable and sealable
- Milbank grey polyester powder coat finish
- Wire terminations accept copper or aluminum conductors
- Line & Neutral: (2) #6-350 kcmil per phase
- Line Ground: (4) #14-1/0
- Load (CB): 2/0 to 300 kcmil per pole
- Load Neutral: (1) #6-350 kcmil
- Load Ground: (2) #14-1/0, (4) #14/6
- Milbank plug-in main circuit breaker. Available in 100, 125, 150 & 200 amp. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) 2-pole or (4) 1-pole standard plug-in type circuit breakers up to a total of 125 amps maximum. Acceptable manufacturers: Cutler-Hammer, GE or Siemens
- Factory or field installable receptacle bridge and receptacle / circuit breaker kits available. See accessories.





SINGLE PEDESTAL (Direct Burial)

CATALOG NUMBER	MAIN BREAKER	MAIN CB	<u>BRANCH</u>	WEIGHT (lbs)
◆ U5136-O-100S	◆ UQFPH-M-100	100	4 Circuit	82
◆ U5136-O-200S	◆ UQFPH-M-200	200	4 Circuit	82
◆ U5136-O (parallel wired)	provision for UQFPH-M Series	_	4 Circuit	80
SINGLE PEDESTAL (Pad M	ount)			

U5138-O-200S	UQFPH-M-200	200	4 Circuit	82
U5138-O (parallel wired)	provision for UQFPH-M Series	_	4 Circuit	80

DOUBLE PEDESTAL (Direct Burial)

CATALOG NUMBER	MAIN BREAKER	MAIN CB	BRANCH	WEIGHT (lbs)
◆ U5137-O-100S	(2) UQFPH-M-100	100	4 Circuit	115
◆ <i>U5137-O-200S</i>	(2) UQFPH-M-200	200	4 Circuit	115
U5137-O (parallel wired)	provision for (2) UQFPH-M Serie	es —	4 Circuit	111

RECEPTACLE / CIRCUIT BREAKER KITS AND ACCESSORIES (ORDER SEPARATELY)

<u>CATALOG #</u>	<u>RECEPTACLE</u>	CIRCUIT BREAKER	CONDUCTOR	CONFIGURATION				
◆ K5400-520GR	5-20R Duplex GFI	20 Amp, 1 Pole	12 Awg	⊕ GFI Rec.				
◆ K5400-TT30	TT30R	30 Amp, 1 Pole	10 Awg					
◆ K5400-1450	14-50R	50 Amp, 2 Pole	8 Awg					
◆ K5400-BRIDGE-1POS	Self-grounded one position receptacle bridge with hardware							
◆ K5400-BRIDGE-2POS	Self-grounded two position receptacle bridge with hardware							
◆ K5415	Stabilizer Foot with hard	ware						
♦ <i>K</i> 5035	Pad Mount Kit with hard	ware for U5138/39 pa	d mount pedesta	ls required				
♦ <i>K5T</i>	5th Terminal for 208y / 1	20 volt 3-wire service						
◆ K5193	Bus kit to convert series-v	wired main breaker to	parallel					
◆ K5194	Wire kit to convert parallel-wired main breaker to series							
◆ K3450	Telephone / CATV moun	ting bracket (mounts l	eft or right					
♦ <i>K</i> 5039	Penta bolt utility cover							

- Up to two receptacle / circuit breaker kits can be field-installed in each powerhead. Order mounting bridge and receptacle kits separately from above. For three receptacles or factory-installed kits, contact factory.
- Receptacle / circuit breaker kits include receptacle, circuit breaker, connected wire, cover plate and mounting screws. Other receptacle / circuit breaker kits available.
- K5415 Stabilizer Foot sold separately. Recommended for double pedestals.
- Pad mount pedestals require **K5035** pad mount kit. Order separately.
- ◆ Stock item availability subject to prior sale.

Non-stock items – minimum order quantity required.



TELEPHONE AND CABLE TV KIT



Application:

• Mounts to rear of pedestal series U5200 & U5300. May also be adaptable to a wooden or similar structure

Features:

- Single: 16" galvanized raceway, (1) RJ11 telephone jack & (1) Type F coaxial CATV jack
- Dual: 16" galvanized raceway, (2) RJ11 telephone jack & (1) Type F coaxial CATV jack
- Includes mounting hardware & instructions

Ordering:

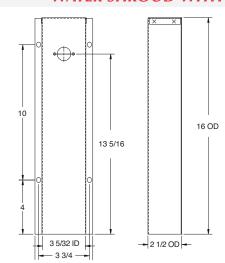
- Single Line Telephone & Cable TV kit order catalog number K4709-02
- Weatherproof Type 3R "in-use" cover available. Add -3R to catalog numbers above.

NOTE:

• Confirm acceptability with Cable TV & Telephone provider before ordering or installing these devices.

WATER SHROUD WITH HARDWARE





Application:

• Used to cover water pipe and provide means to mount hose bib to rear of pedestal

Features:

- Includes mounting hardware and instructions
- Matches **K4709** kits when mounted side by side

Ordering:

• Order catalog number K4709-WS

*SINGLE RECEPTACLE ONLY POWER OUTLET



($^{f r})$ P-10GR P-23 20A 120V 20A 120V GFI 30A 120V 20A 3P3W 50A 120/250V

Application:

• Overhead/Underground Power Outlet Receptacle, suitable for RV, temporary service, campground, marina & boatyard equipment

Features:

- Type 3R, 120/240 volt single phase
- · Lockable cover

Ordering:

• Order catalog number from chart shown to the left.

WARNING: Always disconnect power prior to installing these devices.

Utility requirements for this equipment may vary. Always consult the serving utility for their requirements before ordering or installing equipment in this catalog. *38*



INTERCHANGEABLE UNIT HUBS



HUB ADAPTER PLATE (Converts 4" opening to $2^{1/2}$ ") S8324



SMALL "RL" **OPENING (STANDARD)**

SUFFIX	SIZE	MILBANK NO.
WL	1″	A7514
YL	1 1/4"	A7515
ZL	1 ½″	A7516
DL	2"	A7517
EL	21/2"	A7518



LARGE "R" **OPENING (HEAVY DUTY)**

SUFFIX	SIZE	MILBANK NO.
F	3″	A8110
G	31/2"	A8111
Н	4"	A8112



REMOVABLE HUB CLOSING PLATE

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

CLOSING COVERS



METER CLOSING PLATE (Ring type / Ringless) 6003 (Gray Plastic) 6116 (Clear Plastic)



METAL CLOSING PLATE (For Ringless sockets) **CP-21**

(For Ring type sockets) MCP

HUB SUFFIX CHART

0	Plain Top	WL	1"	For -RL Opening
RL	Small Hub Opening	YL		For -RL Opening
R	Large Hub Opening	ZL	1 1/2"	For -RL Opening
XL	Small Closing Plate	DL	2″	For -RL Opening
X	Large Closing Plate	EL	21/2"	For -RL Opening
RXL	Large Hub Opening	F	3″	For -R Opening
	adapted to small Closing Plate	G	31/2"	For -R Opening
RRL	Large Hub Opening adapted to small Hub Opening	Н	4"	For -R Opening

CONNECTOR KITS

LOAD TAP CONNECTORS (3 per set)



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

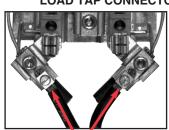
SINGLE

(2) 1/0-250 kcmil

SUFFIX	CATALOG#	(3 per set) - 1 Ø
K1	K1539	6-350 kcmil
140	1/4540	4-600 kcmil or
K3	K1540	(2) 1/0-250 kcmil
		4-600 kcmil or
K3L	K1540L	(2) 1/0-250 kcmil
		Non-rotating
SUFFIX	CATALOG #	(4 per set) - 3 Ø
K5	K3082	6-350 kcmil
K 7	K2441	4-600 kcmil or



SUFFIX	CATALOG #	(3 per set) − 1 Ø
K2	K1350	6-350 kcmil
1401	1/40501	6-350 kcmil
K2L	K1350L	Non-rotating
K4	K1541	4-600 kcmil
SUFFIX	CATALOG #	(4 per set) – 3 Ø
K6	K3442	6-350 kcmil
K8	K3083	4-600 kcmil





Replaces the load side slide-in nut assembly on Milbank 200 amp sockets. Allows for a 100 amp tap location in addition to the #6-350 kcmil load-side connector.

K5022 Includes Safety Barrier Extensions- for applications over 300 VAC.

> K4977-INT **INTERNAL HEX** K5022-INT **INTERNAL HEX**

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



FIFTH TERMINALS

Consult factory for 5th terminal selection



100-200 amp
"PLUG-IN" FIFTH TERMINAL
5T8K2



HEAVY DUTY JAW CLAMPING K3865

(K3866 w/out neutral wire)



200 amp FIFTH TERMINAL K5T

(New style block with square hole)



FOR CONDO METERING BANKS (125-200 amp) K2381

ANTI-INVERSION CLIP



SEALING RINGS



SNAP ACTION MR-2



SCREW TYPE (Stainless Steel) MR-4

STAINLESS STEEL MR2-SS

ISOLATED NEUTRAL KIT

K1047



(Kit isolates existing neutral)

BYPASS LINK



(Bypass links sold in pairs)

DISCONNECT SLEEVE *

M5-144 (*NOT TO BE USED WITH LEVER BYPASS SOCKETS)



TRIPLEX GROUND



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

PLUG-IN BREAKER COMPATIBILITY CHART

AMPS	MILBANK	CUTLER-HAMMER (WESTINGHOUSE)	(ITE)	SIEMENS MURRAY / CROUSE-HINDS	G.E.	SQ-D
125-200	Q / QN	HQP / BR / WBJ	Q/QN	MD	THQ	_
≤ 100	Q	QP / BR / HQP	QP	MP	THQ	HOMELINE



MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT*

	CONDUCTOR SIZE	CONDUIT TRADE SIZES (INC				ICHE	CHES)				
TYPE	AWG,MCM	1/2	3/4	1	1 1/4	1 1/2	2	21/2	3	31/2	4
	14	6	10	16	29	40	65	93	143	192	
	12	4	8	13	24	32	53	76	117	157	
RHW & RHH	10	4	6	11	19	26	43	61	95	127	163
(without outer covering)	8	1	3	5	10	13	22	32	49	66	85
THW	6	1	2	3	7	10	16	23	36	48	62
	3	1	1	2	4	6	10	15	23	31	40
	1/0		1	1	2	3	5	8	12	16	21
TW	2/0		1	1	1	3	5	7	10	14	18
THW	3/0		1	1	1	2	4	6	9	12	15
FEPB (6 thru 2),	4/0			1	1	1	3	5	7	10	13
RHW and	250			1	1	1	2	4	6	8	10
RHH	300			1	1	1	2	3	5	7	9
(without outer covering)	350				1	1	1	3	4	6	8
RH, THHW	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)

*0	*CU		-Clad AL
A	В	A	С
18 16 14 12 10 8	 20† 25† 35† 50	- - 12 10 8	 20† 30† 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 UL 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 UL Listed gang sockets meet or exceed these diversity factor/demand factor requirements. Standard overall ampacity ratings for UL Listed and non UL Listed gang sockets are as shown in the chart below. Ampere ratings of meter sockets are based on the meter socket being wired with 75° C insulated wire conductor, sized in accordance with Table 310-16 of the National Electric Code.

GANG SOCKET OVERALL AMPACITIES

NO. OF METER POSITIONS			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.

All meter sockets are 600 Volt rated unless otherwise noted.

All meter socket ampacity ratings are continuous duty unless otherwise noted.



IMPORTANT NOTE

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

BEFORE ENERGIZING

- A. Give equipment a thorough visual examination to determine that:
 - 1) No shipping or installation damage exists.
 - 2) Proper clearances have been maintained.
 - 3) All connections have been made.
 - 4) Equipment is clean and dry.
- B. Make a thorough examination to:
 - 1) Verify tightness of all bolted connections (see table below).
 - 2) Manually operate all circuit breakers, switches, relays, etc.
 - 3) Check rigidity of all mountings, 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	JOINT	DESCRIPTION	HEAD TYPE	TORQUE (INCH LBS.)	
SIZE	SCREW	NUT	HEAD ITPE		
10	BRASS	Brass Nut or Extruded Hole	ALL	20-25 in. lbs.	
10	STEEL	CU or AL Busbar ≤1/8"	ALL	25-30 in. lbs	
10	STEEL	STEEL Steel Nut or EH; CU or AL Busbar >1/8"		30-35 in. lbs	
12	STEEL Aluminum Extruded H STEEL Steel Nut or Extruded I		ALL	30-35 in. lbs	
12			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 Ste 3/8 STEEL		Steel Nut or EH; CU or AL Busbar	HEX	100-150 in. lbs.	
		Steel Nut	HEX	150-200 in. lbs.	
1/2	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



MATERIALS

STEEL QUALITY

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

STEEL SHEET

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

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

ALUMINUM EXTRUSION

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

Bus Bar: Alloy; 6101-o & 6063-O

ALUMINUM SHEET

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

COPPER SHEET & BUS

Electrolytic copper with tin plating in most applications.

INSULATING MATERIALS

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

FINISH

PROCESS

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

METAL FASTENERS

Zinc-coated with a chromate dip.

RATING

NEMA RATING

All Milbank meter sockets, CT cans and meter socket / breaker units have a type 3R rating.



DIAGRAM A

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

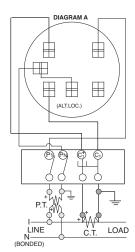


DIAGRAM E

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

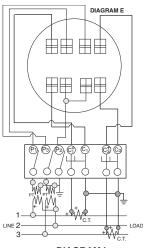


DIAGRAM I

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

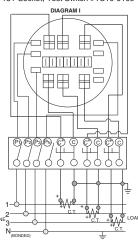


DIAGRAM B

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

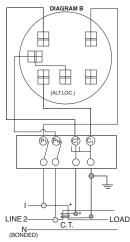


DIAGRAM F

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

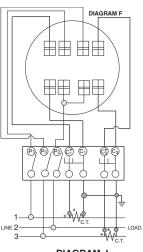


DIAGRAM J

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

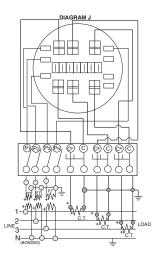


DIAGRAM C

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

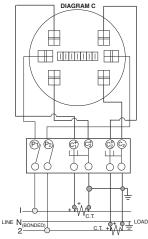


DIAGRAM G

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

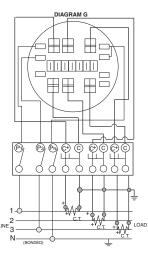


DIAGRAM D

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

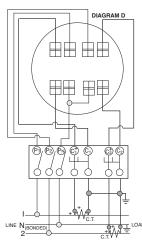
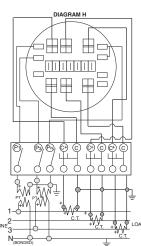


DIAGRAM H

3Ø4W "Y" with 2 P.T.'s & 3 C.T.'s 2 ½ Stator Meter - Form 6S 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.



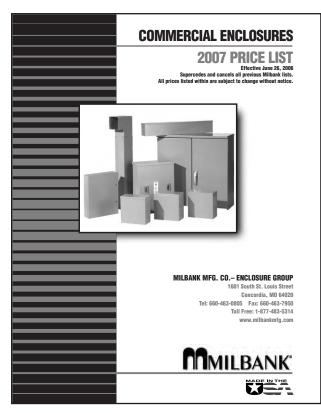
NORTH & SOUTH CAROLINA CATALOG SKU INDEX BY PAGE

SKU PAGE#	SKU PAGE#	SKU PAGE #
105J25	TS04-010123	U5136-O37
5T8K2	TS04-010323	U5136-O-100S
A7514	TS04-0104	U5136-O-200S
A751539	TS07-004923	U5137-O37
A7516	TS07-010523	U5137-O-100S
	TS07-0106	U5137-O-200S
A751739		
A751839	TS07-010723	U5138-O
A755139	TS10-010923	U5138-O-200S
A811039	TS10-011023	U5168-XLT-150 20
A811139	TS10-011123	U5168-XTL-100 20
A811239	TS10-011223	U5168-XTL-100-KK 20
A9064	U1129-O-K3L-K2L13	U5168-XTL-100-KK-5T 20
CP-16PDMNT-CALT 25	U1252-X-K1-CAPL 17	U5168-XTL-150-KK 20
CP-24PDMNT-CALT 25	U1253-X-K1-CAPL 17	U5168-XTL-150-KK-5T 20
CP-ABK5/825	U1254-X-K2-CAPL	U5168-XTL-200 20
CP-PE-HOA-3POS	U1255-X-K2-CAPL	U5168-XTL-200-KK 20
		U5168-XTL-200-KK-5T 20
CP-TC24H	U1256-X-K2-CAPL17	
CP-TC7D 25	U1797-O-K3L-K2L13	U5200-XL31
CP-TCWIRE25	U1980-XTL-QG-CAPL8	U5200-XL-332
K104740	U2120-X12	U5200-XL-41
K119040	U2145-RXL-CAPL 10	U5200-XL-41GB
K1350	U2448-X11	U5200-XL-75
K1350L	U2594-X12	U5200-XL-75GB
K1539	U2852-X	U5210-XL
K1540	U2853-X	U5220-XL
· · · · · · · · · · · · · · · · · · ·		
K1540L39	U2854-X18	U5230-XL
K1541	U2855-X18	U5268-XTL-150 20
K238140	U2856-X	U5268-XTL-150-KK 20
K308239	U2862-X18	U5268-XTL-200 20
K308339	U2863-X	U5268-XTL-200-KK 20
K3441	U2864-X	U5300-O
K3442	U2865-X	U5300-O-41
K345037	U2866-X	U5300-O-5533
K3865	U3800	U5300-O-552GR
K3866	U38015	U5300-O-352GH
K470938	U38305	U5310-O
K4709-02	U38605	U5320-O
K4709-02-3R	U3822-20GR 6	U5320-O-7533
K4709-WS	U4363-X-QG-K3-K2 9	U5330-O33
K480240	U4408-O	U5740-X-K3L-K2L-CAPL11
K4977-INT	U4410-O	U7040-XL-TG7
K5022-INT	U4532-XL	U7040-XL-TG-5T7
K5035	U4551-RXL-5T910	U7487-RL-TG-5T7
K503937	U4664-X-8507	U7487-RL-QG-CAPL7
K519337	U4667-XT-BAR-9572	114 4007 VT 0504
K519437	U4701-RXL	UAP5024-XL
K5400-1450	U4881-O	UC7442-RL
K5400-1450GB	U4881-O-50GB 6	UC7444-RL
K5400-520-GB27	U4881-O-60GB 6	UC7445-RL
K5400-520GR 27	U4908-O35	UC7446-RL
K5400-520GR	U4908-O-11GR	UC7448-RL22
K5400-620	U4908-O-55GBGR35	UC7449-RL
K5400-620GB	U4909-O	UC7450-RL
K5400-BRIDGE-1POS37	U4909-O-11GR	UC7460-RL
K5400-BRIDGE-2POS37	U4909-O-55GBGR35	UC7461-RL
(5400-TT30	U5000-XL	UC7478-RL22
K5400-TT30GB 27	U5000-XL-332 27	UC7532-RL
K541537	U5000-XL-41 27	UC7636-RL
K5T37, 40	U5000-XL-55 27	Z703916-AC16
K818040	U5000-XL-75 27	Z703918-AC16
M5-144	U5000-XL-75GB27	Z703919-AC16
P-10	U5100-XL	Z703921-AC16
P-10GR	U5100-XL-41	Z704693-AC16
P-13	U5100-XL-41GB	Z704694-AC
P-23	U5100-XL-55	Z705420-AC
P-54	U5100-XL-552GR29	Z705456-AC16
Q2100H	U5100-XL-75	Z705545-AC16
QN2150RH20	U5100-XL-75 29	Z708124-AC16
QN2200RH20	U5100-XL-75GB29	Z903917-AC16
S832439	U5101-XL29	



Other quality products available from Milbank







In addition to your local utility's meter mounting equipment, Milbank also manufactures supporting products, such as...

> **Air Conditioner Disconnects Hot Tub Disconnects RV/Mobile Home Power Outlets Terminal Boxes Temporary Power Outlets Commercial Pedestals Commercial Enclosures CT Enclosures Circuit Breakers Enclosed Circuit Breakers Safety Switches Test Switches**

Contact your local distributor or go to www.milbankmfg.com to find additional product literature.



Meter Mounting Equipment & More!

Commercial Electrical Enclosures

Residential & Commercial Metering

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Disconnect Devices

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RV/MH Pedestals

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Circuit Breakers

Enclosed Circuit Breakers

Safety Switches

Test Switches



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