

## AREA Maryland, District of Columbia, North Virginia Area Product Catalog



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

### **Milbank Overview**

Energy At Work Since 1927

Milbank designs and manufactures electrical solutions that move and manage power for the residential, commercial, industrial, utility and transportation sectors. With nearly a century of expertise in electrical engineering design and manufacturing, Milbank's portfolio includes metering equipment, enclosures and enclosed controls. Founded in 1927, Milbank is a family-owned, American manufacturer headquartered in Kansas City, Mo. For more information, please visit milbankworks.com.



#### Metering

Milbank has been a market leader in electrical metering equipment, setting the standard in quality, for 95 years and counting. Hundreds of configurations are available, including many sizes, knockout configurations, terminals configurations, bypass options, hubs, locks and connectors. Milbank has the socket you need with thousands of active products to meet your utility's requirements.



#### Enclosures

Milbank's line of enclosures include commercial junction boxes, panel mount enclosures, transformer cabinets, wireway and troughs. Enclosures are built with high-quality craftsmanship and materials, designed to meet or exceed industry standards. Each unit is engineered to protect controls and equipment from dust, dirt and other harmful elements, based on various NEMA ratings.



#### **Enclosed Controls**

Milbank doesn't just build empty enclosures, we can design and craft the entire package. Our enclosed controls are custom control equipment that's built to your exact specifications by our engineers. Milbank enclosed controls are an attractive, secure, easy-to-install and cost-effective solution. These units can replace unsightly and insufficient strut and backboard structures when underground remote site power distribution and control equipment is required.



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

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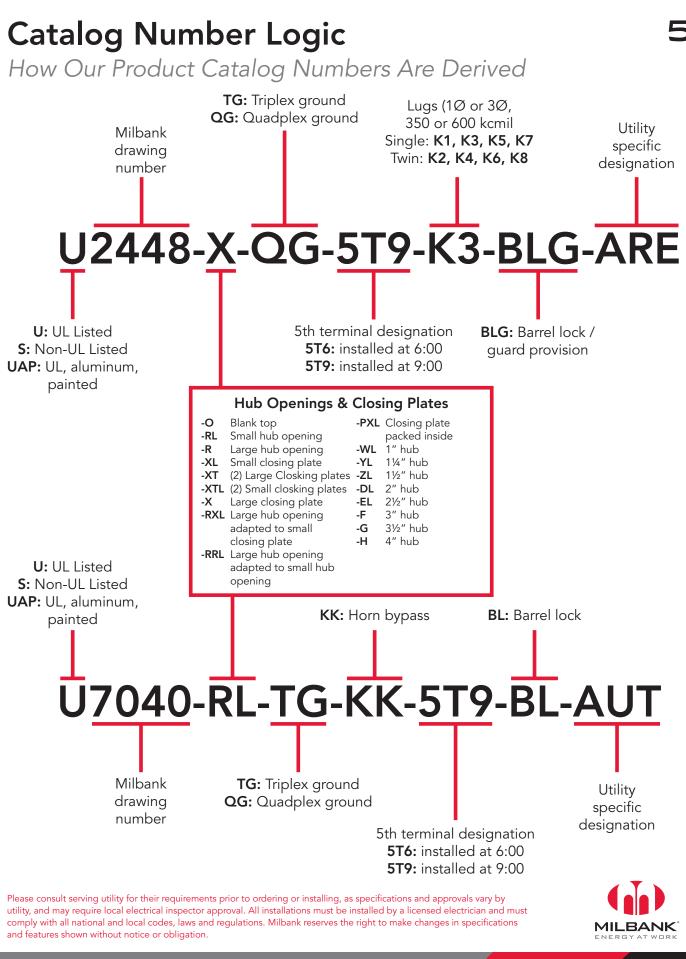
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30-60 Amps



Milbank's air conditioner disconnect has a removable hinged cover which makes wiring a breeze. Our compact design meets NEC wiring space requirements and also complies with NEC article 440-14. For safe working conditions, our disconnect pullers may be removed and reinstalled in the OFF position. Additionally, padlock provisions are included on the front cover. As with other Milbank products, our enclosure is constructed of G90 galvanized steel and electrostatically finished with an attractive, light gray, baked powder coating. Our epoxy/polyester resin blend offers a finish that is both durable and fade-resistant.

#### 30-60 Amps | 1Ø 240V | Air Conditioner Disconnects

Catalog Number	Amps	Туре	Max H.P.	Weight	Line/Load Wire Range		Ground Wire Range	Dimensions		Wire I	Rating	
Number			п.г.	(lbs.)	CU	AL	CU/AL	D"	W"	H"	CU °C	AL °C
U3802	60	Non-Fusible	10	3.25	#14-#2	#12-#2	#14-4	<b>21</b> / <sub>2</sub>	5	<b>7</b> ½	60°/75°	60°/75°
U3812	60	Non-Auto	10	3.25	#14-#2	#12-#2	#14-4	<b>21</b> / <sub>2</sub>	5	<b>7</b> ½	60°/75°	60°/75°
U3832	30	Fusible	3	2.5	#14-#3	#14-#3	#14-3	21/8	5	7	60°/75°	60°
U3862	60	Fusible	10	3.3	#14-#3	#14-#3	#14-3	21/8	5	9	60°/75°	60°/75°

#### Notes

• UL-listed as Enclosed Pullout Switch

Uj

- NEMA 3R rain resistant
- One-inch concentric knockout



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### **Air Conditioner Disconnects**

60 Amps | With 20 Amps GFCI Receptacle



U3822-20GWR

#### **Specifications**

- Meets NEC #406.8 requirements
- Meets NEC #210.63 requirements
- UL-listed as Power Outlet
- NEMA 3R enclosure
- In-use cover\*
- Duplex ground connector

- 1" concentric knockouts
- 1Ø, 240V
- 60 Amps, non-fused
- 20 Amps GFCI receptacle
- Reset/test button
- Weather and tamper resistant

#### 60 | 1Ø, 240V | Air Conditioner Disconnect with GFCI Receptacle

Catalog Number	Туре	Max H.P.	Weight		ad Wire 1ge	Ground Wire Range CU/AL	Di	mensio	ons	Wire I	Rating
	H.P. (lbs.)		CU	AL	Range CU/AL	D"	W"	H"	CU °C	AL °C	
U3822-20GWR	Non-Fusible	10	6	#14-#2	#12-#2	#14-4	44⁄5	51⁄4	7²⁄5	60°/75°	60°/75°

#### Notes

- **Disconnect Pullers:** To ensure the safest conditions, Milbank disconnect pullers are reversible so they may be reinstalled in the OFF position.
- Padlock Provision: All units are designed with a padlock provision on the cover for security.

\*In-Use Cover: Cover is rated as an in-use cover (cover may be closed with cords plugged into receptacle).



### Hot Tub Disconnect

NEMA 3R Enclosures



U4881-O-50GB

#### **Specifications**

- 240V ground fault protection
- UL-listed, NEMA 3R rain resistant
- Two-pole, 50 Amps GFCI breaker protection
- Compact size
- Three or four wire installation

- 1Ø, 120/240V
- Standard package of 12
- Two extra one-pole breaker spaces
- 100 Amps overall rating
- Easy to install

#### Hot Tub Disconnect or Sub Panel Breaker Enclosure | NEMA 3R

Catalan Number	A	Time	Weight	Line/Loac	Wire Range	Ground Wire	Dir	nensio	ns
Catalog Number	Amps	Туре	(lbs.)	CU	AL	Range CU/AL	D"	W"	H"
U4881-O	_	Breaker Provision	7	#14-1/0	#14-1/0	#14-1/0	3 3⁄4	<b>7</b> ½	81/2
U4881-O-50GB	50	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3⁄4	<b>7</b> ½	81/2
U4881-O-60GB	60	Breaker	8	#14-1/0	#14-1/0	#14-1/0	3 3/4	71/2	81/2



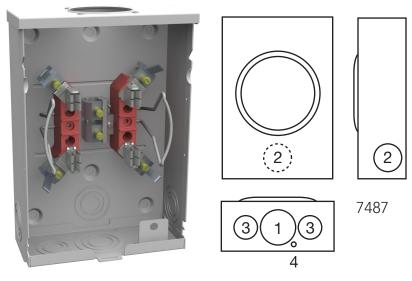
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U4881-O-60GB

### **Single Position Sockets**

125 Amps | 4 Terminals | Ringless



U7487-RL-TG-KK-BLG

125 Amps	Single Position	4 Terminals	Ringless	1Ø3W	Horn Bypass
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Catalan Number	Utility	Dunana	Service	Hub	Connectors	Di	mensi	ons		Knock	couts	
Catalog Number	Approval	Bypass	Service	dun	CU/AL	D"	W"	H"	1	2	3	4
U7487-YL-TG-KK-BLG*	F.E.	Horn	ОН	11⁄4	#6-2/0	35⁄16	8	111/2	2	11/2	11⁄4	1⁄4
U7487-XL-KK-SMECO	SMECO	Horn	OH/UG	C.P.	#6-2/0	35/16	8	111/2	2	11/2	11/4	1⁄4
U7487-RL-TG-KK-BLG*	FE	Horn	OH/UG	H.O.	#6-2/0	35⁄16	8	111/2	2	11/2	11/4	1⁄4

#### Notes

- Fifth Terminal: For field-mounted fifth terminal, order catalog number **5T8K2** to fit into round opening at the 9 o'clock position.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors Extruded aluminum connectors are tin-plated.

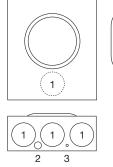
\* Barrel lock with guard provision (suffix -BLG).

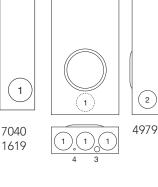


### **Single Position Sockets**

200 Amps | 4 Terminals | Ringless

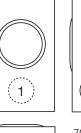






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U7040-RL-TG-KK-BLG

#### 200 Amps | Single Position | Horn Bypass | 4 Terminal | Ringless | 1Ø3W

	Utility			Connectors	Di	mensio	ons		Knock	outs	
Catalog Number	Approval	Service	Hub	CU/AL	D"	W"	Н"	1	2	3	4
U7021-RL-KK-BLG*	PECO	ОН	H.O.	#6-350 kcmil	41⁄8	8	151/2	21/2	1/4,1/2	1⁄4	—
U7021-RL-TG-KK-BLG*	F.E.	ОН	H.O.	#6-350 kcmil	41⁄8	8	151/2	21/2	1/4,1/2	1⁄4	
S1619-XL	PEPCO	ОН	H.O.	#6-350 kcmil	41/8	11	151/2	21/2	21/2	1⁄4	—
U7040-RL-KK-DPL	DPL	ОН	H.O.	#6-350 kcmil	41⁄8	11	151/2	21/2	<b>2</b> <sup>1</sup> / <sub>2</sub>	1⁄4	
U7040-XL-KK-SMECO	SMECO	OH/UG	C.P.	#6-350 kcmil	41/8	11	151/2	21/2	1/4,1/2	1⁄4	
U4979-XL-SMECO	SMECO	OH/UG	C.P.	(2) #6-350 kcmil	427/32	13	24	3	<b>2</b> <sup>1</sup> / <sub>2</sub>	1/2	1⁄4

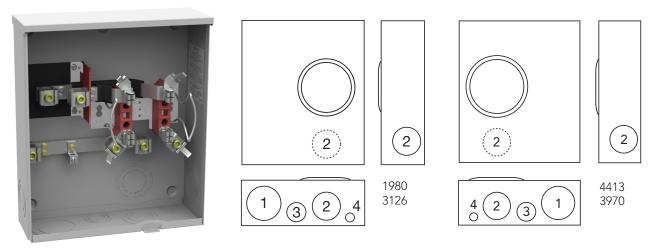
#### Notes

- Fifth Terminal: For field-mounted fifth terminal, order catalog number K5T to fit into square opening at the 9 o'clock position of the new style block (#6-350 kcmil).
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin-plated.
- Bypass: Units provided with horn-type bypass (suffix -KK).
- S1619-XL is non-UL-listed.
- \* Barrel lock with guard provision (suffix -BLG).



### Single Position Side Wireway

200 Amps | 4 Terminals | Side Wireway | Ringless | Horn Bypass



U1980-O-KK-DPL

#### 200 Amps | 4 Terminals | Single Position | Horn Bypass | 1Ø3W | Ringless

	Utility			Connectors	Di	mensi	ons		Knoc	kouts	
Catalog Number	Approval	Service	Hub	CU/AL	D"	W"	Н"	1	2	3	4
U1980-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	41⁄2	13	15¼	3	21/2	11/2	1/4, 1/2
U2986-O-PEP	PEPCO	UG	Blank	#6-350 kcmil	41⁄2	13	151⁄4	3	21/2	11/2	1/4, 1/2
U1980-O-KK-DPL	DPL	UG	Blank	#6-350 kcmil	41/2	13	15¼	3	21/2	11/2	1/4, 1/2
U3126-O-KK-BLG*	FE	UG	Blank	#6-350 kcmil	4½	13	15¼	3	21/2	11/2	1/4, 1/2
U4413-O-KK-BLG*	FE	UG	Blank	#6-350 kcmil	4½	13	15¼	3	21/2	11/2	1/4, 1/2
U4413-O-KK-BL**	PECO	UG	Blank	#6-350 kcmil	41/2	13	151⁄4	3	21/2	11/2	1/4, 1/2

#### Notes

• Fifth Terminal: For field-mounted fifth terminal, order catalog number K5T to fit into square opening at the 9 o'clock position.

• Connectors Extruded aluminum connectors are tin-plated.

• Bypass: Units provided with horn-type bypass (suffix -KK) except U2986-O-PEP.

\* Barrel lock with guard provision (suffix -BLG).

\*\* Barrel lock provision (suffix -BL)

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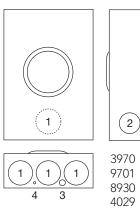


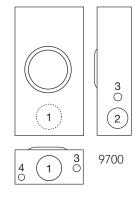
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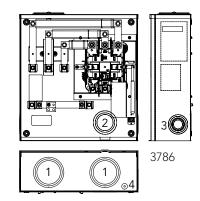
### **Single Position Lever Bypass**

200 Amps | 5-7 Terminals | Lever Bypass | Ringless









U9551-X-DPL

#### 200 Amps | 5 Terminals | Heavy Duty lever Bypass | 1Ø3W | Ringless

Catalan Number	Utility	Comico	LL.L.	Connectors	Di	mensio	ons		Knoc	kouts	
Catalog Number U9551-X-DPL	Approval	Service	Hub	CU/AL	D"	W"	H"	1	2	3	4
U9551-X-DPL	DPL	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
\$3970-XL	PEPCO	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
U9551-R-5T9	FE	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4

#### 200 Amps | 7 Terminals | Heavy Duty lever Bypass | 3Ø4W | Ringless

Catalan Number	Utility	Service	Hub	Connectors	Dir	nensio	ons		Kno	ckouts	;
Catalog Number	Approval	Service	пир	CU/AL	D"	W"	H"	1	2	3	4
U9700-RRL-BLG	FE	ОН	H.O.	#6-350 kcmil	47⁄8	10	181⁄2	3	21/2	3/4	1/2,1/4
U9701-RRL-BLG	FE	ОН	H.O.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
S8930-XL	PEPCO	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
U9701-RXL-SMECO	SMECO	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
U4029-X-DPL	DPL	OH/UG	C.P.	#6-350 kcmil	47/8	13	19	3	21/2	1/2,1/4	1⁄4
U3786-O-BLG	PECO	UG	Blank	#6-350 kcmil	6	18	191⁄4	4	3	21/2	1/2,1/4

#### Notes

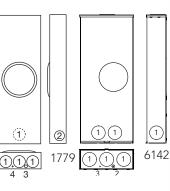
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- **Connectors:** Extruded aluminum connectors are tin-plated. **U9551** units include removable bonding strap for isolated neutral.
- Bypass: Heavy Duty lever supplies clamping action and also operates bypass device.
- S3970-XL and S8930-XL are non-UL-listed.



### Single Position Heavy Duty lever Bypass

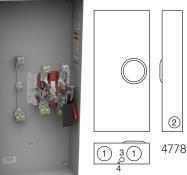
320 Amps | 4-7 Terminals | Heavy Duty lever Bypass | Ringless











13

U1779-R-K3-BLG

U4912-X-K3-BLG

U4778-X-K3-K2-SMECO

#### 320 Amps | 4 Terminals | Single Position | Heavy Lever Bypass | 1Ø3W | Ringless

<u> </u>	•			1 2	21 1								
Catalan Number	Utility	Service	Hub	Conne	ectors	Di	mensi	ons		Kn	ockout	s	
Catalog Number	Approval	Service	пир	Line	Load	D"	W"	H"	1	2	3	4	5
U1779-R-K3-BLG	FE	ОН	H.O.	#4-600 kcmil (2) 1/0-250	³∕₀"-16 Studs	41/8	13	38¾	3	21/2	1/2,1/4	1⁄4	_
U5161-X-PEP*	PEPCO	OH/UG	C.P.	³∕₃″-16 Studs	³‰"-16 Studs	47⁄8	15	31	3	3	3	1⁄4	1/2
S6142-X-INV-DPL**	DPL	OH/UG	C.P.	³∕₃″-16 Studs	³∕‰″-16 Studs	5¾	16	38¾	31/2	1/2,1/4	1⁄4	—	$\left  - \right $
U4778-X-K3-K2- SMECO*	SMECO	OH/UG	C.P.	#4-600 kcmil	(2)#6-350 kcmil	61/2	17¾	38¾	4	3	1	1⁄4	_
U1797-O-K3L-K2L	DEC	UG	Blank	(2) 1/0-250	³∕₀″-16 Studs	47/8	15	30	3	1/2,1/4	1⁄4	_	_
U3000-O-2/K3L-BL	PECO	UG	Blank	#4-600 kcmil, (2)6#-350 kcmil	¾"-16 Studs	41/8	15	30	3	1/2,1/4	1⁄4		_
U4912-X-K3-BLG*	FE	UG	C.P.	#4-600 kcmil (2) 1/0-250	<sup>3</sup> ⁄8″-16 Studs	5¾	16	30	31/2	4	3	1⁄4	1

320 Amps | 7 Terminals | Single Position | Heavy Lever Bypass | 1Ø3W | Ringless

Catalog Number	Utility	Service	Hub	Conne	ctors	D	imensi	ons		K	nockou	ıts	
	Approval	Service	пир	Line	Load	D"	W"	H"	1	2	3	4	5
U4168-X-K7-BLG	FE	OH/UG	H.O.	#4-600 kcmil (2) 1/0-250	³∕₀″-16 Studs	61⁄2	19	341⁄8	3	<b>2</b> <sup>1</sup> / <sub>2</sub>	1/2,1/4	1⁄4	—
U4013-X*	DEC	OH/UG	C.P.	³⁄8″-16 Studs	3⁄8″-16 Studs	61/2	17¾	401/2	4	3	1	1⁄4	_

#### Notes

- Fifth Terminal: For field-mounted fifth terminal order K3865 for S6142, U4778, U4912 and U5161. Use K3866 for U1779.
- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Connectors: Extruded aluminum connectors are tin-plated. For single lug connector kit order as extra: K1539 (350 kcmil) or K1540 (600 kcmil). For twin lug connectors are tine plated. For twin lug connectors: K1350 (350 kcmil). Order two kits to cover both line and load on sockets not supplied with line connectors.
- Lever Bypass: Lever bypass supplies clamping action on the meter spades and also operates the bypass device.
- Barrel Lock with Guard Provision: Affected units have suffix -BLG.

\*Includes Side Wireway

\*\***S6142** is not UL-listed.

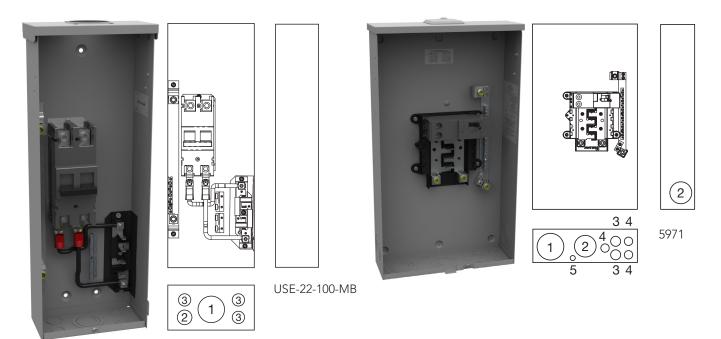
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### **Unmetered Power Outlet**

200 Amps | 4 Terminals | 120/240V



USE-22-200-MB

U5971-XL-200

#### 200 Amps | 1Ø3W

	Breakers		Branch		Connectors	Di	mensi	ons			Knocko	uts	
Catalog Number	Installed	Service	Circuits	Hub	Line	D"	W"	Н"	1	2	3	4	5
USE-22-200-MB	200	ОН	4 Branch	H.O.	2/0-300 kcmil	4	81⁄8	225⁄8	2	1	<sup>1</sup> /2, <sup>3</sup> /4	_	_
U5971-XL-200	200	OH/UG	8 Branch	C.P.	#1-300	41/2	141/8	30	3	<b>2</b> <sup>1</sup> / <sub>2</sub>	1	1/2,3/4	1/2,1/4

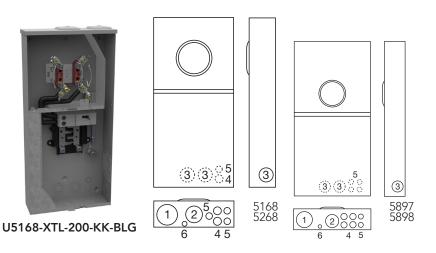
#### Notes

- The neutral buss/ground bar is factory-installed.
- USE-22-200-MB: 200 Amps main with provisions for 200 Amps direct wire feeder. 200 Amps bolt-on-breaker wired in series with plug-in style buss. Space for four single pole or two two-pole plug-in, branch circuit breakers. Quandplex style breakers may be used in accordance with the NEC.
- AIC Rating : The USE -22-200-MB has an AIC Rating of 10K. U5971-XL-200 has an AIC Rating of 22K.
- U5971-XL-100 also available when 100 Amps breaker is needed.



### **Meter Main With Load Center**

100-200 Amps | 4 Terminals | Ringless | 120/240V NEC 2020 Compliant



#### 100 and 200 Amps | 4 Terminals | Horn Bypass | OH Entry

Catalan Number	Utility	A 100 10 5	Hub	Connect	ors	Di	mensic			K.	ock			
Catalog Number	Approval	Amps	пир	Line	Load		mensic	ons		ΝΠ	OCK	out	.s	
U5168-XTL-100-KK-BLG	FE, PECO	100	C.P.	#6-350 kcmil	СВ	41/2	14 <sup>1</sup> / <sub>8</sub>	30	3	21/2	2	1	3⁄4	1/2
U5168-XTL-200-KK-BLG	FE, PECO	200	C.P.	#6-350 kcmil	СВ	41/2	14 <sup>1</sup> / <sub>8</sub>	30	3	21/2	2	1	3⁄4	1/2

#### 150-200 Amps | 4 Terminals | Horn Bypass | Side Wireway

Catalan Number	Utility	Service	A	Hub	Connect	ors	Di	mens	ions		Kr	noc	kou	ts	
Catalog Number	Approval	Service	Amps	ΠUD	Line	Load	D"	W"	H"	1	2	3	4	5	6
U5897-RL-150-KK-PEP	PEPCO	OH/UG	150	H.O	#6-350 kcmil	СВ	41/2	17	341/2	3	21/2	2	1	3⁄4	1/2
U5897-RL-150-KK-DPL*	DPL	OH/UG	150	H.O	#6-350 kcmil	СВ	41/2	17	341/2	3	21/2	2	1	3⁄4	1/2
U5897-RL-200-KK-DPL*	DPL	OH/UG	200	H.O	#6-350 kcmil	СВ	41/2	17	341/2	3	21/2	2	1	3⁄4	1/2
U5897-RL-200-KK-PEP	PEPCO	OH/UG	200	H.O	#6-350 kcmil	СВ	41/2	17	341/2	3	<b>2</b> <sup>1</sup> / <sub>2</sub>	2	1	3/4	1/2
U5898-O-200-KK- BLG**	FE, PECO	UG	200	Blank	#6-350 kcmil	СВ	41/2	17	341/2	3	21/2	2	1	3⁄4	1/2

#### Notes

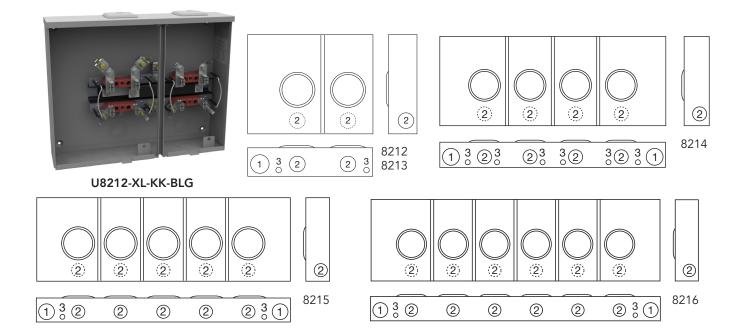
- Hub: Order hubs as a separate item. See accessory page for hub options.
- Interior: U5168, 5897 and 5898 units have 8 circuit interior.
- Fifth Terminal: Order K5T and field install for 208Y/120 network systems. Installs in the 9 o'clock position only.
- Breakers: Rated 22K AIC with Milbank QN2200RH 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.
- Sub-Feed Lugs: #6-350 kcmil sub-feed lugs provided on 8 circuit interior. Not available on 20 circuit interior.
- \*The **U5897** has side wireway feed.
- \*\*The **U5898** has side buss feed.



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### **Multi-Postion Sockets**

100 Amps | 4 Terminals | Horizontal | Ringless | 300V



#### 100 Amps | 4 Terminals | Horn Bypass | Ringless | OH/UG | 1Ø3W | End Wireway

Catalan Number	Utility	Positions	Terminals	Hub	Connec	tors	Di	imensions		Kn	Knockouts		
Catalog Number	Approval	Positions	Terminais	пир	Line	Load	D"	W"	Н"	1	2	3	
U8212-XL-KK-BLG*	FE	2	4	C.P.	6-350 kcmil	#6-2/0	41/2	205⁄16	16	21/2	2	1/4,1/2	
U8213-XL-KK-BLG*	FE	3	4	C.P.	6-350 kcmil	#6-2/0	41/2	281/2	16	21/2	2	1/4,1/2	
U8214-XL-KK-BLG*	FE	4	4	C.P.	6-350 kcmil	#6-2/0	41/2	4011/16	16	21/2	2	1/4,1/2	
U8215-XL-KK-BLG*	FE	5	4	C.P.	6-350 kcmil	#6-2/0	41/2	481/8	16	21/2	2	1/4,1/2	
U8216-XL-KK-BLG*	FE	6	4	C.P.	6-350 kcmil	#6-2/0	41/2	57 <sup>1</sup> ⁄16	16	21/2	2	1/4,1/2	

#### Notes

- Hub: For proper hub selection refer to the hub suffix chart on the accessory page. Hub opening is supplied at each end. Extra openings in top are closed with a closing plate as standard.
- Fifth Terminal: For field-mounted fifth terminal in 6 o'clock position, order catalog number 5T8K2 for each meter position. For field-mounted fifth terminal in 9 o'clock position, order catalog number K9959 for each meter position.
- Connectors: Extruded aluminum connectors are tin-plated.
- Bypass: Units provided with horn-type bypass (suffix -KK).
- Bussing: Bussing is 5/16" x 1" aluminum.

\*Barrel lock with guard provision (suffix -BLG).



### **Multi-Position Sockets**

100 Amps | 4 Terminals | Horizontal | Ringless | 300V



U8032-XL-KK-BLG

#### 100 Amps | 4 Terminals | 1Ø3W | Horn Bypass | Ringless | OH/UG | Center Wireway

	•	•			•			-				
Catalan Number	Utility	Positions	Hub	Conne	ctors	Ľ	Dimensior	าร	Kr	Knockouts		
Catalog Number	Approval	Positions	пир	Line	Load	D"	W"	H"	1	2	3	
U8032-XL-KK-BL*	PECO	2	C.P	6-350 kcmil	#6-2/0	41/2	241/2	16	21/2	2	1/2	
U8033-XL-KK-BL*	PECO	3	C.P	6-350 kcmil	#6-2/0	41/2	<b>36</b> <sup>11</sup> / <sub>16</sub>	16	21/2	2	1/2	
U8034-XL-KK-BL*	PECO	4	C.P	6-350 kcmil	#6-2/0	41/2	407/8	16	21/2	2	1/2	
U8035-XL-KK-BL*	PECO	5	C.P	6-350 kcmil	#6-2/0	41/2	<b>49</b> <sup>1</sup> ⁄ <sub>16</sub>	16	21/2	2	1/2	
U8036-XL-KK-BL*	PECO	6	C.P	6-350 kcmil	#6-2/0	41/2	57¼	16	21/2	2	1/2	
U8032-XL-KK-BLG**	FE	2	C.P	6-350 kcmil	#6-2/0	41/2	241/2	16	21/2	2	1/2	
U8033-XL-KK-BLG**	FE	3	C.P	6-350 kcmil	#6-2/0	41/2	<b>36</b> <sup>11</sup> / <sub>16</sub>	16	21/2	2	1/2	
U8034-XL-KK-BLG**	FE	4	C.P	6-350 kcmil	#6-2/0	41/2	407/8	16	21/2	2	1/2	
U8035-XL-KK-BLG**	FE	5	C.P	6-350 kcmil	#6-2/0	41/2	<b>49</b> <sup>1</sup> / <sub>16</sub>	16	21/2	2	1/2	
U8036-XL-KK-BLG**	FE	6	C.P	6-350 kcmil	#6-2/0	41/2	57¼	16	21/2	2	1/2	

#### Notes

- Hubs: For proper hub selection see the hub suffix chart on the accessory page.
- Fifth Terminal: For field-mounted fifth terminal, order catalog number 578K2 for each meter position, 6 o'clock position only.
- **Connectors:** Extruded aluminum connectors are tin-plated.
- Bussing: Bussing is 5/16" 1" aluminum.
- Bypass: Units provided with horn-type bypass (suffix -KK).
- \*Barrel lock provision (suffix -BL)
- \*\*Barrel lock with guard provision (suffix -BLG).

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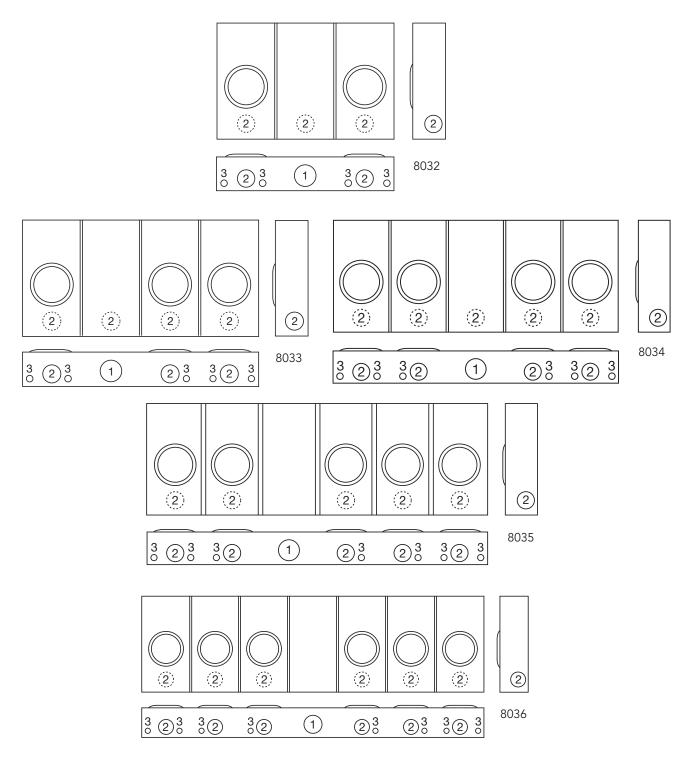
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### U8032-U8036 Series

Knockout Information





### **Multi-Position Sockets**

200 Amps | 4 Terminals | Horizontal | Ringless | 300V



#### U1252-X-KK-K3-BLG

#### 200 Amps | 4 Terminals | Horn Bypass | Ringless | 1Ø3W | OH/UG | Center Wireway

	Utility			Connect	tors	D	imension	s
Catalog Number	Approval	Positions	Hub	Line	Load	D"	W"	H"
U1252-X-KK-K3-BLG*	FE	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	261/2	14
U1252-X-KK-K3-DPL	DPL	2	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	261/2	14
U1253-X-KK-K3-BLG*	FE	3	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51⁄8	3411/16	14
U1254-X-KK-K3-BLG*	FE	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	421/8	16
U1254-X-KK-K3-DPL	DPL	4	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	421/8	16
U1255-X-KK-K3-BLG*	FE	5	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51/8	547⁄8	16
U1256-X-KK-K4-DPL	DPL	6	C.P.	#4-600 kcmil	#6-350 kcmil	51⁄8	63 <sup>1</sup> / <sub>16</sub>	16
U1256-X-KK-K3-BLG*	FE	6	C.P.	#4-600 kcmil or (2) 1/0-250 kcmil	#6-350 kcmil	51⁄8	63 <sup>1</sup> ⁄16	16

#### Notes

- Hub: For proper hub selection refer to the hub suffix chart on the accessory page. For the U1255-1256 units, two hub openings are supplied and the extra opening is closed with a closing plate as standard.
- Fifth Terminal: For field-mounted fifth terminal, order catalog number K5T for each meter position, installed in the 9 o'clock position only.
- Connectors: Extruded aluminum connectors are tin-plated.
- Bypass: Units provided with horn-type bypass (suffix -KK).
- Knockout information is on the following page.

\*Barrel lock with guard provision (suffix -BLG).

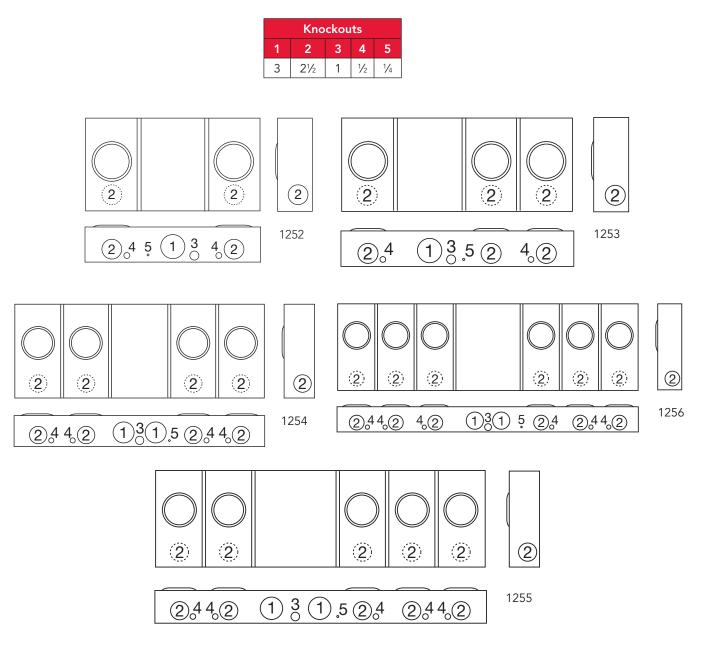
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### U1252-U1256 Series

Knockout Information





### **Multi-Position Meter Mains**

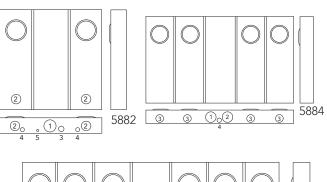
### 125-200 Amps | 4 Terminals | Ringless | 120/240V | 22K AIC NEC 2020 Compliant

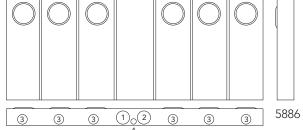




U5882-X-2/200-KK-K3-DPL

U5882-X-BL





#### 125-200 Amps | 4 Terminals | Ringless

	Utility									Kno	ockouts		
Catalog Number	Approval	Amps	Positions	Hub	Line	D″	W'	Н″	1	2	3	4	5
U5902-X-KK-BL**	PECO	125	2	C.P.	³∕₃″-16 Studs	51/8	<b>26</b> <sup>1</sup> / <sub>2</sub>	30	3	21/2	1	7/8	1⁄4
U5905-X-KK-BL**	PECO	125	5	C.P.	³∕₃″-16 Studs	51⁄8	51 <sup>1</sup> ⁄16	30	3	3	21/2	1	_
U5882-X-KK-BL**	PECO	200	2	C.P.	³∕₃″-16 Studs	51/8	<b>59</b> <sup>5</sup> ⁄16	30	3	21/2	1	7/8	1⁄4
U5883-X-KK-BL**	PECO	200	3	C.P.	³∕₃″-16 Studs	5½	34%16	30	3	21/2	21/2	1	—
U5884-X-KK-BL**	PECO	200	4	C.P.	³∕₃″-16 Studs	51⁄8	42 <sup>13</sup> /16	30	3	21/2	21/2	1	_
U5885-X-KK-BL**	PECO	200	5	C.P.	³∕₀″-16 Studs	51/8	51 <sup>1</sup> ⁄16	30	3	21/2	21/2	1	—
U5886-X-KK-BL**	PECO	200	6	C.P.	³∕₃″-16 Studs	51⁄8	<b>59</b> <sup>5</sup> ⁄16	30	3	21/2	21/2	1	_

#### 200 Amps | 4 Terminals | Ringless

Catalan Number	Utility	A	Positions	Hub	Connectors	D	imensior	ns		Kno	ckout	5	
Catalog Number	Approval	Amps	Positions	dun	Line	D"	W"	H"	1	2	3	4	5
U5882-X-2/200-KK-K3-DPL	DPL	200	2	C.P.	#4-600 (2)1/0-250	51/8	261/2	30	3	<b>21</b> / <sub>2</sub>	1	7/8	1⁄4
U5884-X-4/200-KK-K3-DPL	DPL	200	4	C.P.	#4-600 (2)1/0-250	51/8	42 <sup>13</sup> /16	30	3	3	21/2	1	—
U5886-X-6/200-KK-K3-DPL	DPL	200	6	C.P.	#4-600 (2)1/0-250	51⁄8	<b>56</b> ⁵⁄16	30	3	3	21/2	1	—

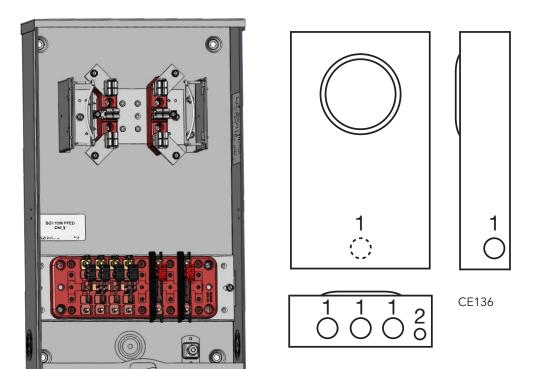
#### Notes

- Hub: For proper hub selection refer to the hub suffix chart on the accessory page.
- Fifth Terminal: For field-mounted fifth terminal, order catalog number K5T for each meter position, 9 o'clock position.
- Connectors: Extruded aluminum connectors are tin-plated.
- Bypass: Units provided with horn-type bypass (suffix -KK).



### **Transformer Rated Sockets**

20 Amps CT Rated Socket



CE136-CECHA

20 Amps Test Switch | 6 Terminals | 1Ø

Catalog Number		Service	Dimensions			Knockouts			
Catalog Number	Utility Approval	Service	D"	W"	1	2			
CE136-CECHA	PECO	UG	41⁄8	12	20	11⁄4	1/4,1/2		

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



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### **Transformer Cabinets**



#### **Features**

• Supplied with studs, three point locking handle, continuous hinge and pad-lock provision. Single door provided on units less than 36" wide. Steel panels and plywood backboard are optional.

Catalan Number	Utility	Course of Steel	D	imension	S	Panel	Size
Catalog Number	Approval	Gauge of Steel	D"	W"	H"	W" x	: H″
182410-CTC1-SP	PECO	14	10	24	18	20	14
243210-CTC1-SP	PECO	14	10	32	24	28	20
323210-CTC1-SP	PECO	12	10	32	32	28	28
324210-CTC1-SP	PECO	12	10	42	32	38	28
425412-CTC1-SP	PECO	12	12	54	42	50	38
281815-CT3R-SP	PECO	14	15	28	18	24	14
303515-CT3R-SP	PECO	14	15	30	35	26	31
324215-CT3R-SP	PECO	12	15	32	42	28	38
403515-CT3R-SP	PECO	12	15	40	35	36	31
544215-CT3R-SP	PECO	12	15	54	42	50	38

#### Notes

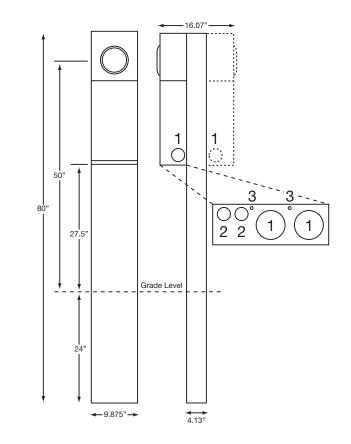
• Other size of outdoor transformer cabinets are available. Please refer to the Milbank Commercial Electrical Enclosure catalog, featuring NEMA-rated sheet metal products.



### Meter Main with Load Center Pedestal

200 Amps | 4 Terminals | Ringless | 120/240V





U5136-O-200S

#### **Specifications**

- UL-listed file E90945.
- 200 Amps maximum, 120/240V, single phase, three wire meter socket.
- Ringless meter socket with horn bypass and stainless steel latch.
- Short circuit withstand rating 22K AIC.
- NEMA 3R construction for durable outdoor use, one piece post, both lockable and sealable.
- Milbank gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and 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 and 200 Amps. Type UQFPH-M.
- Four-circuit plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers up to a total of 125 Amps maximum. Acceptable manufacters: Cutler-Hammer, GE or Siemens.
- Factory or field installable bridge and receptacle / circuit breaker parts available. See accessories.
- U5136-O-100S and the U5136-O-200S are approved at Dominion Power.



### **VERSA** Ped Information

#### Single Pedestal (Direct Burial)

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5136-O-100S	UQFPH-M-100 Series	100	4 Circuit	82
FE-PPL	U5136-O-200S	UQFPH-M-200 Series	200	4 Circuit	82

#### **Double Pedestal (Direct Burial)**

Util App	Catalog Number	Main Breaker	Main BC	Branch	Weight (lbs)
FE-PPL	U5137-O-100S	(2) UQFPH-M-100 Series	100	4 Circuit	115
FE-PPL	U5137-O-200S	(2) UQFPH-M-200 Series	200	4 Circuit	115

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 hardware
K5T	Fifth terminal for 208y / 120V 3-wire service
K5193	Kit to convert series-wired main breaker to parallel
K5194	Wire kits to convert parallel-wired main breaker to series
K3450	Telephone / CATV mounting bracket (mounts left to right)

#### **Specifications**

- 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.
- 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.

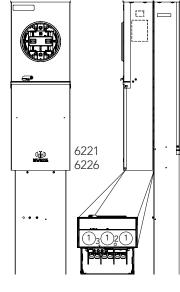


### **Meter Main Pedestals**

MDOT Direct Bury | 100-200 Amps | 4 Terminals | 120/240V



U6221-O-100-10GR





U6226-O-100-10GR

#### 100-200 Amps | 4 Terminals | UG

Catalan Number	t tatita	A	Desitions	Hub	Dumana	Din er Tim e	Connectors	Kn	ocko	uts
Catalog Number	Utility	Amps	Positions	HUD	Bypass	Ring Type	Line	1	2	3
U6221-O-100-10GR	BGE	100	Single	Blank	Lever Bypass	Ringless	#6-350 kcmil	2	1/2	1⁄4
U6221-O-200-10GR	BGE	200	Single	Blank	Lever Bypass	Ringless	#6-350 kcmil	2	1/2	1⁄4
U6226-O-100-10GR		100	Single	Blank	Heavy Duty Lever Bypass	Ring Type	#6-350 kcmil	2	1/2	1/4
U6226-O-200-10GR		200	Single	Blank	Heavy Duty Lever Bypass	Ring Type	#6-350 kcmil	2	1⁄2	1⁄4

#### Notes

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- UL-listed file E90945.
- 200 Amps maximum, 120/240V, single phase, three wire meter socket.
- Short circuit withstand rating 22K AIC.
- NEMA 3R construction for durable outdoor use, one piece post, both lockable and sealable.
- Milbank gray polyester powder coat finish.
- Wire terminations accept copper or aluminum conductors.
- Line and 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.
- Four-circuit plated copper interior accepts (2) two-pole or (4) one-pole standard plug-in type circuit breakers up to a total of 125 Amps maximum. Acceptable manufacters: Cutler-Hammer, GE or Siemens.
- Factory- or field-installable bridge and receptacle/circuit breaker parts available. See accessories page for details.
- MDOT embedded metered service pedestals.



### **Circuit Breakers**

UQFP Plug-In and UQFB Bolt-On Series | 120/240V



UQFP UQFPH



UQFP-M UQFPH-M



UQFB-X1



UQFBH

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

<b>A</b>			10K AIC	22K AIC	Wire	Range
Amps	10K AIC Plug-In	22K AIC Plug-In	Plug-In	Plug-In	CU	AL
100	UQFP-100	UQFPH-100	UQFP-M-100	UQFPH-M-100	#3-#1	#1-1/0
125	UQFP-125	UQFPH-125	UQFP-M-125	UQFPH-M-125	#3-#1	#1-1/0
150	UQFP-150	UQFPH-150	UQFP-M-150	UQFPH-M-150	1/0-300	2/0-300
175	UQFP-175	UQFPH-175	UQFP-M-175	UQFPH-M-175	1/0-300	2/0-300
200	UQFP-200	UQFPH-200	UQFP-M-200	UQFPH-M-200	1/0-300	2/0-300

#### 200 Amps Frame | Bolt-On | 10,000 AIC and 22,000 AIC | Two-Pole - Common Trip

A	10K AIC	22K AIC	10K AIC	22K AIC	Wire Range		
Amps	Bolt-On	Bolt-On	Bolt-On	Bolt-On	CU	AL	
100	UQFB-100	UQFBH-100	UQFB-100-X1	UQFBH-M-100	#3-#1	#1-1/0	
125	UQFB-125	UQFBH-125	UQFB-125-X1	UQFBH-M-125	#3-#1	#1-1/0	
150	UQFB-150	UQFBH-150	UQFB-150-X1	UQFBH-M-150	1/0-300	2/0-300	
175	UQFB-175	UQFBH-175	UQFB-175-X1	UQFBH-M-175	1/0-300	2/0-300	
200	UQFB-200	UQFBH-200	UQFB-200-X1	UQFBH-M-200	1/0-300	2/0-300	

#### Notes

- UL-listed: For use with 60°C or 75°C wire.
- **UQFP:** For parallel main circuit breaker applications.
- UQFP-M: For series main circuit breaker applications split load tab features allow for feed-through capability.
- UQFB: (2) 1/0-300 lugs provided on load and line side (cable-in, cable-out).
- **UQFB3:** Three-pole available. Consult factory.
- UQFB-X: (2) 1/0-300 lugs provided on load side and (2) line bar buss connections on line side.
- UQFB-M: For series main circuit breaker applications. Split load tab features allow for feed-through capability.

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### **28** Circuit Breakers QP (Small Frame) and QN (Large Frame) | 120/240V

#### 15–125 Amps Breaker Plug-In Type | 1" Per Pole

	1,200	1 01 1 010	
Amps	Poles	10K AIC Plug-In	22K AIC Plug-In
15	Single	Q115	Q115H
15	Double	Q215	Q215H
20	Single	Q120	Q120H
20	Double	Q220	Q220H
25	Single	Q125	Q125H
25	Double	Q225	Q225H
30	Single	Q130	Q130H
30	Double	Q230	Q230H
35	Single	Q135	Q135H
35	Double	Q235	Q235H
40	Single	Q140	Q140H
40	Double	Q240	Q240H
50	Single	Q150	Q150H
50	Double	Q250	Q250H
60	Single	Q160	Q160H
60	Double	Q260	Q260H
70	Single	Q170	Q170H
70	Double	Q270	Q270H
80	Double	Q280	Q280H
90	Double	Q290	Q290H
100	Double	Q2100	Q2100H
125	Double	Q2125	Q2125H



QN2200H





QN2200RH



Q250

#### 150-200 Amps Frame | Plug-In | 10,000 AIC and 22,000 AIC | Two-Pole, Common Trip

<b>A m m a</b>	10K AIC Plug-In	22K AIC Plug-In	Handle Location	Wire Range		
Amps	TOK AIC Flug-III	ZZK AIC Flug-III		CU	AL	
150	QN2150	QN2150H	Left-facing	#4-300	#4-300	
200	QN2200	QN2200H	Left-facing	#4-300	#4-300	
150	QN2150R	QN2150RH	Right-facing	#4-300	#4-300	
200	QN2200R	QN2200RH	Right-facing	#4-300	#4-300	
150	WBJ2150	_	Centered	#2-300	#2-300	
200	WBJ2200	—	Centered	#2-300	#2-300	

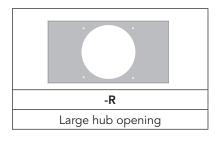
#### Notes

- Load connectors supplied with breakers.
- UL-listed for use with 60°C or 75°C wire.
- Wire sizes shown are lug capacity. Consult NEC Article #310 for specific wire sizes.



### **Accessories** Hubs and Closing Plates

	-R Small hub										
									$\mathbf{)}$		•
-WL	A7514	-YL	A7515	-ZL	A7516	-DL	A7517	-EL	A7518	-XL	A7551
1"	hub	1¼"	hub	1½"	hub	2"	hub	21⁄2"	hub		closing ate



							•		
-F	A8110	-G	A8111	-H	A8112	-X	A9064	-RRL	S8324
3"	hub	3½"	hub	4"	hub	Large clo	sing plate	adapted	o opening   to small pening

#### Notes

- Suffix: Add to catalog number for factory installation of hub.
- **Packaging:** Individually packed units for field installation.
- Abbreviations: H.O. (hub opening), C.P. (closing plate).
- Hub Mast rated



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### Accessories

Connector Kits, Closing Kits and Generator Interlock

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

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

#### Bypass Link



#### Note

Consult factory for proper connector kits for studded meter sockets.

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

#### **Closing Covers**

0	the state
Meter Closing Plate (Ring-type / Ringless)	Metal Closing Plate (For Ringless Sockets)
6003 - Gray Plastic	CP-21
6116 - Clear Plastic	
6002 - Clear Plastic	

#### **Disconnect Sleeve**



Do not use with lever bypass sockets.

Note

Consult factory for kits that are available.



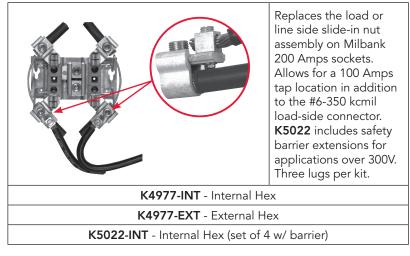
### Accessories

Fifth Terminal, Tap Connectors and Block Assemblies

**Fifth Terminal** 

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

#### Tap Connectors (3 per set)



#### Triplex Ground

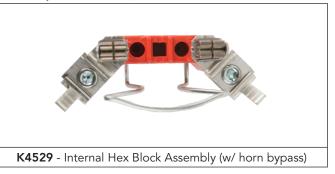


#### K1190 (For factory-installed triplex ground, add suffix -TG to catalog number)

100 Amps Blocks (single sockets only)



200 Amps Blocks (single sockets only)





### **Utility Approval List**

	DBI	DEDCO	CME CO		DECO	DEC
Catalog Number	DPL	PEPCO	SMECO	FE	PECO	DEC
125A 4T 1 PH 3W U7487-XL-KK-SMECO					1	
U7487-YL-TG-KK-BLG			X	Х		
U7487-RL-TG-KK-BLG				X		
200A 4T 1 PH 3 W					1	
U7040-RL-KK-DPL	X	X				
S1619-XL		^				
U7040-XL-KK-SMECO			X			
U4979-XL-SMECO (Dual Lug)			X		X	
U7021-RL-KK-BLG					X	
U7021-RL-TG-KK-BLG				Х		
200A 4T 1 PH 3 W UG			1		1	
U1980-O-KK-DPL	Х					
U1980-O-KK-BL						
U2986-O-PEP		X				
U3126-O-KK-BLG				Х		
U4413-0-KK-BLG				Х		
U4413-0-KK-BL					X	
U4413-0-KK-PEP		X				
200A 5T 3 PH 4 W OH/UG			1		1	
U9551-X-DPL	Х					
\$3970-XL		X				
U9551-R-5T9				Х		
200A 7T 3 PH 4 W		1		-	7	
U-4029-X-DPL	Х					
\$8930-XL		X				
U9701-RXL-SMECO			Х			
U9701-RRL-BLG				Х		
U3786-O-BLG				Х		
U9700-RRL-BLG					X	
320A 4T 1 PH 3 W						
U1729-X-DPL	Х					
U5161-X-PEP		Х				
U4778-X-K3-K2-SMECO			Х			
U1779-R-K3-BLG				Х		
U4912-X-K3-BLG				Х		
320A 4T 1 PH 3 W						
U1779-R-K3-BLG				Х		
U5161-X-PEP		х				
S6142-X-INV-DPL	Х					
U4778-X-K3-K2-SMECO			Х			
U1797-O-K3L-K2L						Х
U3000-O-2/K3L-BL					Х	
U4912-X-K3-BLG				Х	1	
320A 7T 1 PH 3 W						
U4013-X						Х
U4168-X-K7-BLG				Х		
L	I	1			1	

Catalog Number	DPL	PEPCO	SMECO	FE	PECO
4T 1 PH 3 W METER MAIN - LDCNTR	DFL	FERCO	SIVILCO		FLCO
U5168-XTL-100-KK-BLG				Х	X
U5168-XTL-200-KK-BLG				X	X
U5897-RL-150-KK-PEP		~		~	~
		X			
U5897-RL-150-KK-DPL	X				
U5897-RL-200-KK-DPL	Х				
U5897-RL-200-KK-PEP		X			
U5898-O-200-KK-BLG				Х	Х
100 A GANG SOCKETS					1
U8212-XL-KK-BLG				X	
U8213-XL-KK-BLG				X	
U8214-XL-KK-BLG				X	
U8215-XL-KK-BLG				X	
U8216-XL-KK-BLG				Х	
U8032-XL-KK-BL					X
U8033-XL-KK-BL					X
U8034-XL-KK-BL					X
U8035-XL-KK-BL					X
U8036-XL-KK-BL					Х
U8032-XL-KK-BLG				X	
U8033-XL-KK-BLG				X	
U8034-XL-KK-BLG				X	
U8035-XL-KK-BLG				X	
U8036-XL-KK-BLG				Х	
200 A GANG SOCKETS HORIZONTAL	X				1
U1252-X-KK-K3-DPL	X			V	
U1252-X-KK-K3-BLG	V			X	
U1253-X-KK-K3-DPL	Х			~	
U1253-X-KK-K3-BLG U1254-X-KK-K3-DPL	v			X	
	X				
U1254-X-KK-K3-BLG				X	
U1255-X-KK-K3-BLG U1256-X-KK-K3-DPL	X			Х	
200 A GANG SOCKETS Vertical MM	^				
U2862-X-2/200-KK-K3-DPL	Х				
U2863-X-3/200-KK-K3-DPL	X			<u> </u>	
125-200 A GANG SOCKETS HORIZONTAL MM	~	l	L		I
U5902-X-KK-BL					X
U590-X-KK-BL				ļ	X
U5882-X-KK-BL				1	X
U5883-X-KK-BL				L	X
U5884-X-KK-BL				1	X
U5885-X-KK-BL					X
U5886-X-KK-BL				<u> </u>	X
U-5882-X-2/200-KK-K3-DPL	X				
U-5882-X-4/200-KK-K3-DPL	X				
U-5882-X-6/200-KK-K3-DPL	X				
	~				



### **Utility Approval List**

Catalog Number	DPL	PEPCO	SMECO	FE	PECO	DEC	BGE	PPL
20A CT RATED SOCKET								
CE136-CECHA					Х			
TRANSFORMER CABINETS								
82410-CTC1-SP					Х			
43210-CTC1-SP					Х			
323210-CTC1-SP					Х			
324210-CTC1-SP					Х			
425412-CTC1-SP					Х			
281815-CT3R-SP					Х			
303515-CT3R-SP					Х			
324215-CT3R-SP					Х			
403515-CT3R-SP					Х			
544215-CT3R-SP					Х			
VERSA PED			·		·			`
U5136-O-100S				Х				Х
U5136-O-200S				Х				Х
U5136-O								
U5137-O-100S				Х				Х
U5137-O-200S				Х				Х
U5137-O								
100-200A 4T MM								
U6221-O-100-10GR							Х	
U6221-O-200-10GR							Х	
U6226-O-100-10GR								
U6226-O-200-10GR								

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### **Multi-Position Tap Box**

Three Phase | Aluminum | Wall- or Pad-Mountable



#### **Features**

- **Painted aluminum construction:** Enclosure shells are constructed with lightweight aluminum, making wall-mount installations easier. Powder coat paint finish helps prevent corrosion.
- Capable of wall- or pad-mounting: Units feature a removable bottom, allowing an easy conversion from a wall-mount to a pad-mount.
- **Smaller footprint:** The **UAP6094** model has a more compact footprint compared with the leading competitor.
- Multi-port ground lugs
- Optional penta bolt secured handle: Enclosure handle includes a penta bolt locking mechanism (see photos below) for enhanced protection. Does not come standard.



Optional (not standard)



Catalog Number	Phase	Position	Maximum Maximum		Dimensions		
	Fnase	Lugs	Wire Size	Amperage	D"	W"	Н"
UAP6094-O	3	16	500 kcmil	3000 Amps	16	25%	43
UAP6095-O	3 22		500 kcmil	4000 Amps	16	32¾	43
UAP6096-O	3 14		750 kcmil	3300 Amps	16	25 <sup>15</sup> ⁄16	51

Stainless steel pad-mount spacing brackets included.

**Common Applications** 



### **Enclosed Controls** Attractive | Easy-to-Install | Secure | Cost-Effective

#### Milbank enclosed controls are an

alternative to unsightly and inefficient strut and backboard structures. Enclosed controls are an attractive, secure, easyto-install and cost-effective solution for underground remote site power distribution. Cabinets are weather-resistant enclosures that can be crafted to suit any environment with various mounting options. Each individual unit features a utility pull section with an optional meter socket and a separate customer section with distribution and control equipment.



Strut and Backboard



**Commercial Pedestal** 

#### UL Listed as Industrial Control Equipment (File E113855)

#### **Standard Features**

- NEMA Type 3R rain-resistant, vandal-resistant cabinet of polyurethane powder coated steel (aluminum or stainless steel also available).
- UL-listed as enclosed industrial control equipment (UL508A).
- Isolated lockable and sealable utility metering and lug landing sections.
- Lockable customer section for distribution and control equipment with internal deadfront.
- Print pocket inside customer section door contains wiring schematics and installation instructions.
- Load centers are UL-listed for use with various manufacturers' circuit breakers.
- All stainless steel external hardware (screws, bolts, hinges, handles, hasps and sealing screws).















### **R6**

### **Enclosed Controls**

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







#### Applications

These units are ideal for controlling and metering:

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

#### **Available Factory-Installed Options**

- Meter sockets: ring type or ringless, up to 400 Amps
- Main and branch breakers or T fuses
- Distribution: copper load centers and panelboards
- Clocks, timers and relays
- Photoelectric cells and controls
- Various power receptacles: pin and sleeve, twist lock or straight blade
- Contactors: lighting, definite purpose, motor starters
- Surge protection and lightning arresters
- Generator inlets with interlocked breakers
- Push button controls
- Thermostat controls, fans and heating strips
- Power blocks and Terminals blocks
- Steel, aluminum and plywood backboards
- Transformers
- Interlock devices for circuit breakers

#### Options

- Available in steel, aluminum (raw painted or anodized) or stainless steel construction with powder coated finish available in eight standard colors or special-ordered RAL colors.
- Available for applications up to 400 Amps, 120V, 208V, 240V, 277V, 480V - 1Ø or 3Ø.



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#### Accessories



Pad-mount bases available for all pedestal sizes, inquire with your representative for details.

# CP-ABK5/8

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



105J Fifth Terminals kit for use with ring type meter sockets



K3865 Fifth Terminals kit for use with ringless meter sockets

#### CP-TC7D



7-day time clock kit CP-TC24H 24-hour time clock kit **CP-TCWIRE** 

Male 4-pin connector and wiring harness for use with time clocks other than above



### **CP-PE-HOA-3POS**

HOA switch for field installation

# **Enclosed Controls**

# Main Load Center Commercial Pedestals | 1Ø3 Wire 120/240V or 208Y/120V

Application: Remote site service for multiple loads

# **Milbank Main Load Center Commercial Pedestals** are designed to handle the vast majority of all requirements in a standard, stocked configuration.

- All units feature a load center with a plug-on, back-fed main breaker.
- Standard units are equipped with with a 16 circuit load center in the 100 Amps or 24 circuit load center in 200 Amps models.
- Sub-feed lugs to allow feeding an external panel.

If your application requires turning loads on based on "dusk-todawn" requirements, be sure to see the Milbank Switched Load Center Commercial Pedestal products on the following page.

# Features

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional fieldinstallable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast,

easy installation.

- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a load center for "always on" loads that include a main circuit breaker, 20 (125 or 200 Amps model) or 14 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



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# **Enclosed Controls**

Switched Load Center Commercial Pedestals

# Switched Load Center Commercial Pedestals

1Ø3 wire 120/240V or 208Y/120V

Designed not only to provide power for various loads, but also to switch specific loads on and off under certain conditions. A photoelectric cell is used for these controlled loads, and an optional time clock is also available.

# **Features**

These units include everything required for remote site service:

- Expandable: load centers allow for future expansion without costly modifications.
- All units feature a 200 Amps meter socket with optional field-installable fifth Terminals kit available.
- 22K Amps interrupting capacity (AIC) standard.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- Separate sealable and lockable utility termination section.
- Separate sealable and lockable metering section.
- Separate sealable and lockable customer section with a control circuit including PE receptacle, Lexan® window, glare shield, Hand-Off-Auto (HOA) switch, contractor controlling a 16-circuit load center for controlled loads, a pre-mounted DIN rail and pre-wired connector to add an optional "plug-and-play" time clock kit for PE on and TC off operation and a circuit directory to document configuration.
- A load center for "always on" loads that includes a main circuit breaker, a control power circuit breaker, a switched load center main breaker, nine (125 or 200 Amps model) or 11 (100 Amps model) blank breaker spaces and a circuit directory to document configuration.



Ringless Lever Bypass shown

# **Applications**



Traffic Signals



Parking Lots



Highways



Athletic Field Lighting



CP3B "400" 400 Amps Series



**Milbank 400 Amps Commercial Pedestals** are designed to provide a weather and vandal resistant metered enclosure for various loads and distribution. Each pedestal has been designed to handle a wide range of applications using standard, stocked configurations.

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

# **Features**

These units include everything required for remote service:

- NEMA 3R construction.
- Main circuit breaker or dual service disconnects.
- Expandable load center units allow for future expansion without costly modifications.
- Optional mounting base can be embedded in concrete for fast, easy installation.
- A separate sealable and lockable utility termination section with lug termination.
- A separate sealable and lockable metering section.
- A separate sealable and lockable customer section with a circuit directory and a print pocket to hold all documentation.
- Meter socket options include ring-type with bypass studs, ringless with Heavy Duty lever bypass, or K-Type bolt-on.

### **Typical Applications**

Remote site service for residential and commercial job sites.

Standard Pedestals	Optional Fifth Terminal Kit	Main CB	Load Center Circuits	Meter Socket Type
CP3B54120B22	K3865	2-200 Amps	(2) 12 circuit	Ringless with lever bypass
CP3B5411JB22	K3865	320 Amps (400 max)	0	Ringless with lever bypass

### **Notes**

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.

- Stud utility landing is standard. Lug kits are available from factory.
- Units with load centers have (2) #6-250 sub-feed lugs on each load center. (Each load center is 200 Amps rated and UL-listed with: Siemens, General Electric and Cutler-Hammer plug-in style circuit breakers.)



CP3B "IR" Irrigation Control Series



# Features

- 3Ø4W, 480Y/277V
- All units are UL-listed
- All unites are service entrance rated
- Fused disconnect with accessible handle through the deadfront
- HOA and push button start
- Separate accessible utility side with pre-wired landing lugs
- NEMA rated starters (sizes 1-5)
- Soft start units sizes 30HP-150HP
- 30 Amps fuse block for pivot pre-wired in the unit
- White powder coated finish for cooling effect
- Options include:
  - Hour meter
  - Chemical injection receptacle
  - Multiple injection receptacle
  - Multiple 30 Amps fuse blocks possible

Typical Applications

Power pedestal for irrigation systems or other pump control applications.

Standard Pedestals	Exterior Cabinet	NEMA Rating
CP3B0281UMWIR04	White	4
CP3B0281UMWIR03	White	3
CP3B0181UMWIR02	White	2

### Notes

• Chart shows standard, stocked items. Other options and features are available. Contact factory for options, details and availability.



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# Milbank "IR" Series Irrigation Pedestals are

designed and manufactured to enable quick and easy installation. One technician can typically install a pedestal in under an hour- a fraction of the time needed for strut farm and other installation set ups.

Pedestals are prewired, streamlining the overall installation process into just a few simple steps. Prewired landing lugs are provided in a separate utility side, eliminating the need to wrestle with hard-to-bend wires. Both the motor starter and disconnect are housed in the same lockable pedestal, protecting against vandalism and potential energy theft.

CP3B "BBS" Battery Backup Series



**Milbank BBS Series Commercial Pedestals** are designed to provide battery backup power for various loads and as a switch for specific loads under certain conditions. For example, a photoelectric cell or time clock to control lighting circuits. They are available as metered or unmetered.

# Features

- NEMA 3R construction
- 100-320 Amps meter socket with additional options:
  - Ring-type socket (conforms to EUSERC 308)
  - With or without test/bypass blocks
  - Optional heavy duty ringless socket with lever bypass
- Separate sealable utility termination compartment
- An isolated separate customer section with service disconnects, power distribution options and power control
- 19" wide rack in customer compartment for easy layout of equipment
- Battery trays
- Thermostat with cooling fan
- Filtered louvers for heat rise flow through ventilation
- Three point door latch (key or padlockable)

# **Typical Applications**

Metered emergency uninterrupted power for traffic intersections, wireless, phone and communications equipment, parking lots, camera and security locations.

# Options

- Manual bypass switch
- Transfer switch for generator power back-up
- Generator inlet receptacles 30 Amps through 200 Amps
- Padlockable provision for receptacles
- Police access door

- Metered load center distribution
- Unmetered load center distribution
- Photo electric controls (for street lighting)
- Time clocks
- HOA switches
- Contactors

- GFI duplex receptacles
- Thermostat for heating control
- Heating pads or elements
- Roll out shelves for batteries
- Surge and lighting arrestors





CP3B "Power Transfer" Series

**Milbank Power Transfer Series Pedestals** provide unmetered AC power, distribution, surge suppression, mechanical interlock and a standby generator receptacle all in a neat, compact pedestal.

# Features

- 120/240V 1Ø3W through 277/480V 3Ø4W ratings
- Metered or unmetered units
- 60-400 Amps ratings
- UL-listed NEMA 3R rated
- Padlockable, isolated utility compartments
- 20 Amps GFI convenience receptacle
- Lockable recessed generator receptacle door
- Utility and generator indicator light options
- All stainless steel hardware
- Galvanized steel, aluminum or stainless steel cabinet options
- Custom designs available



# **Typical Applications**

Traffic intersections, cell sites, cable TV, pump and lift stations requiring utility power with backup generator power.



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CP3BB "CT Metered" Series



## Milbank CT Metered Series Commercial Pedestals are designed to be used where a smaller service package would be a better choice over large 3R rated combination switchboards. These pedestals have Amperage ratings of 400 to 800 Amps at voltages up through 480V three phase.

# **Features**

- UL-listed, freestanding NEMA 3R service
- A low profile CT pedestal
- All utility equipment is isolated in separated padlockable and sealable compartments
- Separate customer compartment designed to hold distribution and control equipment
- Deadfront customer construction
- Optional mounting base
- Optional construction in steel, aluminum and stainless steel.
- Variety of powder paint colors

### **Typical Applications**

Large homes, pumping and lift stations, motor control, water treatment plants, EV charging stations, commercial buildings, large remote service requirements, commercial and industrial control systems.



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### **Typical Applications**

Roadway lighting and signage, wastewater treatment facilities, parks and landscaping, and any application where physical space is at a premium

# **Commercial Pedestals**

CP3A "Slimline" Series

**Milbank Slimline Series Commercial Pedestals** provide a sleeker, smaller footprint. Wireway access on the side of the unit, rather than the back, allows for maximum flexibility to install the pedestal in tighter places.

# **Features**

- UL-listed as service equipment.
- Available in 100 or 200 Amps.
- Vandal-resistant with a secure and attractive design.
- Customer compartment with distribution and control equipment.
- Swing deadfront door is secured with both a hasp/latch and draw latch outer door.
- Utility metering compartment protected with a hinged hood, increasing resistance to meter vandalism.
- Wireway located on the left side of the pedestal for incoming utility wire, allows pedestal to be mounted very close to a wall (14").
- Available in 12" and 20" widths
- Metered pedestal heights are available as either 50" or 63".
- Unmetered pedestal height is 43".
- Pedestals include a print pocket for plans and drawings.
- Available as 200 Amps main.
- Voltage range of 120V to 480V.
- Compatible with both ringless and ring-type mater sockets, 4-7 terminals.
- Available in a wide variety of colors, including (but not limited to) all ANSI powder coated paint colors.
- Pedestal mounting base option save time and labor to install on a cement pad, anchor bolts not required.
- Powder coated G90 galvanized steel, raw, anodized or powder coated aluminum and stainless steel exterior options.

# "Slimline" Series Direct Bury Extension

- No need for concrete
- Bolts directly to unit
- Easy, modular design
- Ships in a smaller package
- Increases project flexibility
- Easier to handle and install
- Utilizes stabilizer feet to prevent leaning over time
- Pedestal and extension can be installed within 45 minutes

# Notes

- 14-gauge steel
- Only available for 12" pedestals





# NEMA Commercial Enclosures

Strong and Secure | Powder Coated | NEMA Rated

# **NEMA Commercial Enclosures**

Milbank's line of commercial enclosures includes the full gamut of styles and sizes; everything from junction boxes to transformer cabinets, telephone cabinets to wireway.

## **Type-1 Enclosures**

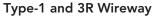
Milbank's Type-1 enclosures are designed for indoor use to provide a degree of protection to personnel against access to hazardous parts and to provide a degree of protection of the equipment inside the enclosure against ingress of solid foreign objects, such as falling dirt.





### **NEMA 3R Enclosures**

Milbank's NEMA 3R enclosures are designed for either indoor or outdoor use to provide a degree of protection from harmful effects on the equipment due to the ingress of water (rain, sleet, snow) and that will be undamaged by the external formation of ice on the enclosure.



Milbank's wide range of wireway is available in many styles and sizes and its wide range of fittings allows it to smoothly transition to and from competitors' products.



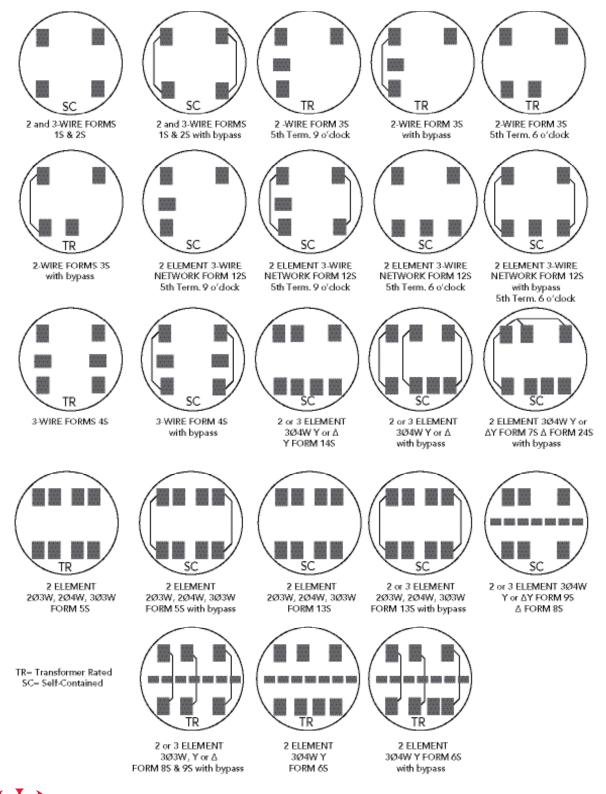


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# Watthour Meter Forms

46

# Standard Forms | Transformer Rated or Self-Contained





# **Meter Forms**

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

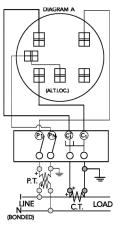


DIAGRAM E 3Ø3W "▲" with 2 P.T.'s and 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

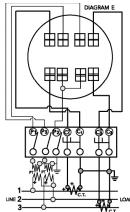


DIAGRAM I 3Ø4W "Y" or "**A**" with 3 C.T.'s "Y" 3 Stator Meter - Form 9S "**A**" 2 Stator Meter - Form 8S 13T Socket, Test Switch #TS10-0109

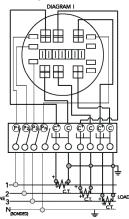


DIAGRAM B

1**Ø**3W with 1 C.T. Single Stator Meter (2W1**Ø**) - Form 3S 5T Socket, Test Switch #TS04-0101

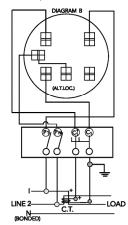


DIAGRAM F 3Ø3W "▲" with 2 C.T.'s 2 Stator Meter - Form 5S 8T Socket, Test Switch #TS07-0105

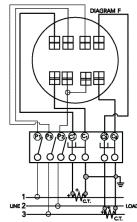
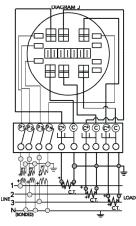
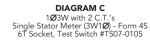
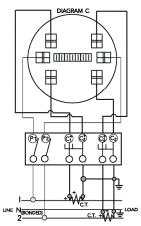
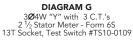


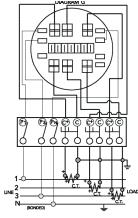
DIAGRAM J 3Ø4W "Y" with 3 P.T.'s and 3 C.T.'s 3 Stator Meter - Form 9S 13T Socket, Test Switch #TS10-0109











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

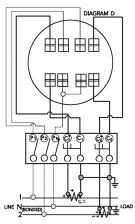
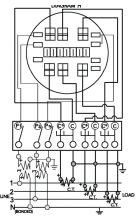


DIAGRAM H

3Ø4W "Y" with 2 P.T.'s and 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.



# Conduit, Ampacity and SCCR

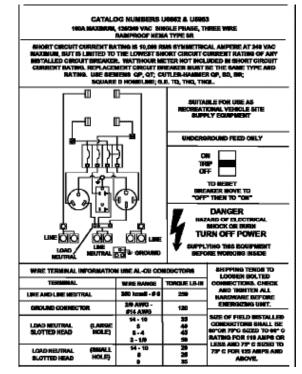
### MAXIMUM NUMBER OF CONDUCTORS IN CONDUIT

Table from 2008 NEC Code Reference: Rigid Metal Conduit

			_		_						
Turne	Conductor Size			(	Condu	it Trad	de Sizo	es (Inc	hes)		
Туре	(AWG/kcmil)	1/2	3/4	1	11/4	11/2	2	<b>2</b> <sup>1</sup> / <sub>2</sub>	3	31/2	4
	12	9	16	26	46	62	102	146	225	301	387
	10	6	10	17	29	39	64	92	142	189	244
	8	3	6	9	16	22	37	53	82	109	140
	6	2	4	4	12	16	27	38	59	79	101
THHN,	4	1	2	4	7	10	16	23	36	48	62
THWN,	3	1	1	3	6	8	14	20	31	41	53
THWN-2	2	1	1	3	5	7	11	19	26	34	44
	1	1	1	1	4	5	8	12	19	25	35
	1/0	1	1	1	3	4	7	10	16	21	27
	2/0	0	1	1	2	3	6	8	13	18	23
	3/0	0	1	1	1	3	5	7	11	15	19
	4/0	0	1	1	1	2	4	6	9	12	16
	4	1	2	4	7	10	16	24	37	49	63
	2	1	1	3	5	7	12	17	26	35	45
	1/0	1	1	1	3	4	7	10	16	22	28
ХНН,	2/0	0	1	1	2	3	6	9	13	18	23
XHHŴ,	4/0	0	1	1	1	2	4	6	9	12	16
XHHW-2	250	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	3	6	7	10
	500	0	0	0	1	1	1	2	4	5	7
	750	0	0	0	0	1	1	1	3	4	5

SAMPLE RATING LABEL

**Reference** Information



This table is for concentric stranded conductors only. For cables with compact conductors refer to NEC. Refer to latest NEC Code or Local Codes for updated requirements.

(Per NEC table

310-16)

				DUII) 75° (
,	А	AL or **Cl	J-Clad AL	
А	В	А		
18	_	—	—	A = Size:
16	_	_	_	* <b>B</b> = Amp
14	20†	_	_	Insulation
12	25†	12	20†	FEPW THW,
10	35†	10	30†	USE, 2
8	50	8	40	**C = Am
6	65	6	50	Insulation
4	85	4	65	RH, RI
3	100	3	75	THWN
2	115	2	90	(Per N
1	130	1	100	310-1
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	# o
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	

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

1) 75° C (167° F)	Ambien Temp.C
	21 - 25
	25 - 30
= Size: AWG/MCM	31 - 35
= Ampere Rating for sulation Types:	36 - 40
FEPW, RH, RHW,	41 - 45
THW, THWN, XHHW,	46 - 50
USE, 2W.	51 - 55
C = Ampere Rating for	56 - 60
sulation Types:	61 - 65
RH, RHW, THW, THWN, XHHW, USE	

GANG SOCKET OVERALL AMPACITIES

mbient

21 - 25

25 - 30

Ampacity CORRECTION FACTORS

1.05

1.00

.94

88

82

.75

.67

.58

.33

70 - 77

78 - 86

87 - 95

96 - 104

105 - 113

114 - 122

123 - 131

132 - 140

141 - 158

# of Meter Pos.	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

### Overall Ampere ratings of UL-listed Milbank multiple position meter sockets are based on 2008 NEC Handbook Article 220-84 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 and 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.

† 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.

# Some constructions are rated at 400 Amps overall (1252). Contact your sales representative for more information. Refer to latest NEC Code or Local Codes for updated requirements.



# **Energization of Electrical Equipment**

Important Information for Installers

# **Important Note**

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

# **Before Energizing**

1. Give equipment a thorough visual examination to determine that:

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

# When Energizing

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

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	I have a Transa	Torque	
Size	Size Screw Nut		Head Type	(Inch Lbs.)	
10	Brass	Brass Nut or Extruded Hole	All	20-25 inch lbs.	
10	Steel	Copper or Aluminum Busbar ≤ 1/8"	All	25-30 inch lbs.	
10	Steel	Steel Nut or Extruded Hole; CU or AL Busbar > 1/8"	All	30-35 inch lbs.	
12	Steel	Aluminum Extruded Hole	All	30-35 inch lbs.	
12	Steel	Steel Nut or Extruded Hole	All	40-50 inch lbs.	
1/4	Steel	Aluminum Extruded Hole	All	40-50 inch lbs.	
1/4	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	All	50-60 inch lbs.	
5/16	Steel	Aluminum Extruded Hole	Hex	60-70 inch lbs.	
5/16	Steel	Steel Nut or Extruded Hole; CU or AL Busbar	Hex	100-150 inch lbs.	
3/8	Steel	Steel Nut	Hex	150-200 inch lbs.	
1/2	Steel	Steel Nut	Hex	200-250 inch lbs.	

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

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

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# **Materials and Finishes**

Reference Information

# **Materials**

# **Steel Quality**

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

# **Steel Sheet**

16-gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated. (AISI G90) 14-gauge, galvanized, sheet: 1 1/4 oz./ sq.ft. class zinc-coated.

# **Aluminum Extrusion**

Wire-Terminal: Alloy; 6061-T6, Tin-plated for CU/AL wire. Buss Bar: Alloy; 6101-O and 6063-O

# **Aluminum Sheet**

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

# **Copper Sheet and Buss**

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 Fastners**

Zinc-coated with a chromate dip.

# **Ratings and Compliance**

# **Ratings and Compliance**

All Milbank electrical enclosures in this catalog are rated "NEMA 3R Enclosure" unless specified otherwise on the product's page. All enclosures with a UL designation are constructed per the appropriate UL Standard and may be installed per the National Electric Code. UL procedure files associated with the UL Standards are listed as follows: Meter Sockets (UL 414, File E30202), Test Switches (UL 414, File E62531), Power Outlets (UL 231, File E90945), Panelboards (UL 67, File E32628) and Pullout Switches (UL 1429, File E133062). Additional standards are utilized as applicable: Meter Sockets (ANSI C12.7), Test Switches (ANSI C12.9) and Panelboards (NEMA PB-1).



# Inde 1

5T8K2	
6003	1
6116	1
182410-CTC1-SP24	1
243210-CTC1-SP24	1
281815-CT3R-SP	1
303515-CT3R-SP24	1
323210-CTC1-SP	1
324210-CTC1-SP24	1
324215-CT3R-SP	1
403515-CT3R-SP	1
425412-CTC1-SP	1
544215-CT3R-SP24	1

### Α

A7514	
A7515	
A7516	
A7517	
A7518	
A7551	
A8110	
A8111	
A8112	
A9064	

# В

BL7499.....32

## С

CE136-CECHA.....23

# Κ

К5Т	
K1190	32
K1350	
K1350L	31
K1539	31
K1540	31
K1540L	
K1541	31
K3082	31
K3083	31
K3441	31
K3442	
K3865	

K3866	32
K4529	32
K4977-EXT	32
K4977-INT	32
K5022-INT	32
K8180	31

# Μ

M5-144......31

### Q

Q115
Q13029
Q130H
Q135
Q135H29
Q140
Q140H
Q150H
Q160
Q160H29
Q170
Q170H
Q21529
Q215H29
Q22029
Q220H
Q225
Q225H
Q230
Q230H
Q235
Q235H29 Q240
Q240H
Q250
Q250H
Q260
Q260H
Q270
Q270H
Q28029

## 

# S

# U

U1252-X-KK-K3-BLG*	19
U1252-X-KK-K3-DPL	19
U1253-X-KK-K3-BLG*	19
U1254-X-KK-K3-BLG*	19
U1254-X-KK-K3-DPL	19
U1255-X-KK-K3-BLG*	19
U1256-X-KK-K3-BLG*	19
U1256-X-KK-K4-DPL	19
U1779-R-K3-BLG	13
U1797-O-K3L-K2L	13
U1980-O-KK-BL**	11
U1980-O-KK-DPL	11
U2862-X-2/200-KK-K3L-DPL	21
U2863-X-3/200-KK-K3L-DPL	21
U2986-O-PEP	11
U3000-O-2/K3L-BL	13
U3126-O-KK-BLG*	11
U3786-O-BLG	12
U3802	6
U3812	6
U3822-20GWR	7
U3832	6
U3862	
U4013-X*	13

UL



# 5**A**dex

U4029-X-DPL	12
U4168-X-K7-BLG	12
04100-A-N/-DLG	13
U4413-O-KK-BL**	
U4413-O-KK-BLG*	11
U4778-X-K3-K2-SMECO*	13
U4881-O	
U4881-O-50GB	
U4881-O-60GB	
U4912-X-K3-BLG*	
U4979-XL-SMECO	10
U5161-X-PEP*	
U5168-XTL-100-KK-BLG	
U5168-XTL-200-KK-BLG	
U5882-X-2/200-KK-K3-DPL	
U5882-X-KK-BL**	
U5883-X-KK-BL**	22
U5884-X-4/200-KK-K3-DPL	
U5884-X-KK-BL**	
U5885-X-KK-BL**	
U5886-X-6/200-KK-K3-DPL	
U5886-X-KK-BL**	
U5897-RL-150-KK-DPL*	15
U5897-RL-150-KK-PEP	15
U5897-RL-200-KK-DPL*	
U5897-RL-200-KK-PEP	
U5898-O-200-KK-BLG**	
U5902-X-KK-BL**	22
U5905-X-KK-BL**	22
U5971-XL-200	14
U6221-O-100-10GR	27
U6221-O-200-10GR	
U6226-O-100-10GR	
U6226-O-200-10GR	
U7021-RL-KK-BLG*	
U7021-RL-TG-KK-BLG*	
U7040-RL-KK-DPL*	10
U7040-XL-KK-SMECO	10
U7487-RL-TG-KK-BLG*	
U7487-XL-KK-SMECO	
U7487-YL-TG-KK-BLG*	
U8032-XL-KK-BL*	
U8032-XL-KK-BLG**	
U8033-XL-KK-BL*	
U8033-XL-KK-BLG**	
U8034-XL-KK-BL*	
U8034-XL-KK-BLG**	
U8035-XL-KK-BL*	
U8035-XL-KK-BLG**	1/

U8036-XL-KK-BL*	.17
U8036-XL-KK-BLG**	
U8212-XL-KK-BLG*	.16
U8213-XL-KK-BLG*	.16
U8214-XL-KK-BLG*	
U8215-XL-KK-BLG*	
U8216-XL-KK-BLG*	
U9551-R-5T9	
U9551-X-DPL	
U9700-RRL-BLG*	
U9701-RRL-BLG*	
U9701-RXL-SMECO	.12
UAP6094-O	
UAP6095-O	
UAP6096-O	
UQFB-100	
UQFB-100-X1	
UQFB-125	
UQFB-125-X1	
UQFB-150	
UQFB-150-X1	.28
UQFB-175	.28
UQFB-175-X1	
UQFB-200	
UQFB-200-X1	
UQFBH-100	
UQFBH-125	
UQFBH-150	
UQFBH-175	
UQFBH-200	
UQFBH-M-100	
UQFBH-M-125	
UQFBH-M-150	.28
UQFBH-M-175	
UQFBH-M-200	
UQFP-100	
UQFP-125	
UQFP-150	
UQFP-175	
UQFP-200	
UQFPH-100	
UQFPH-125	.28
UQFPH-150	.28
UQFPH-175	
UQFPH-200	
UQFPH-M-100	
UQFPH-M-125	
UQFPH-IVI-125 UQFPH-M-150	
	ΖŎ

UQFPH-M-175	28
UQFPH-M-200	28
UQFP-M-100	28
UQFP-M-125	28
UQFP-M-150	28
UQFP-M-175	28
UQFP-M-200	28
USE-22-200-MB	14

### W

WBJ2150	29
WBJ2200	29





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