

Uni-PAK

Uni-PAK Metering: Introduction

General Information

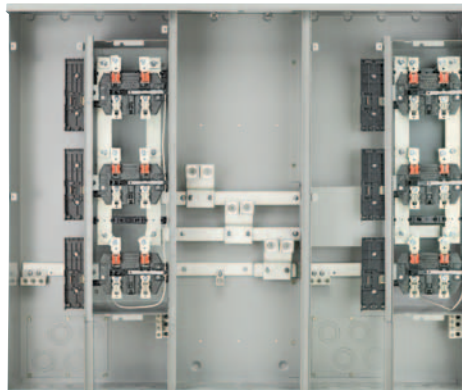
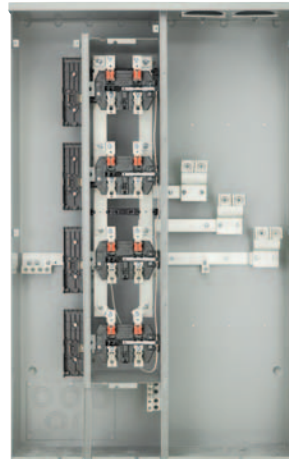
Siemens Uni-PAK Metering offers maximum flexibility and ease of installation to meet the service requirements of multiple position metering projects. The outdoor/indoor devices are available in two through six gang set-ups which consist of a pull section with main lugs or stud terminations, and 4/5 jaw meter sockets with tenant circuit breaker provisions.

Features include:

- Siemens exclusive 200 ampere/position feature the QS breaker for faster / easier installation
- Removable knock-out plate for back exit
- Mounting rail for wall hanging - Siemens Exclusive
- UL Listed for use with 60/75C degree wire
- Outdoor/indoor construction
- Overhead or underground service; load top, bottom or back

Standard Uni-Pak Quick Reference

- ANSI - Standard #C 12.7-1987
- NEMA - Standard #250-1985
- UL - File #E27100
- UL - Standard #50, 67,414
- Voltage 240V AC Maximum
- 125 amp or 200 amp Maximum per position
- 1000 Amps maximum bus
- 2-6 positions



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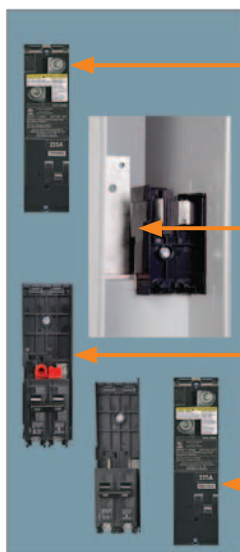
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Uni-PAK Construction

3
METER
CENTERS



Sturdy Steel Base Pan
Provides reinforcing durable support for each tenant main breaker.



2 Pole up to 225A @100kAIC
Fits in 2 inch – compact width reduces enclosure size limiting total mounting space required.



Rigid Molded Side Wall
Provides reinforcing vertical support for each tenant main breaker.

Main Breaker Retainer
Ensures secure connection for breaker wiring.

125 amp breakers can go into 225 amp positions without conversion kits.



Barrel Lock Capable Covers
Accepts common utility barrel locks to protect against unauthorized usage.



Lockable Breaker Cover

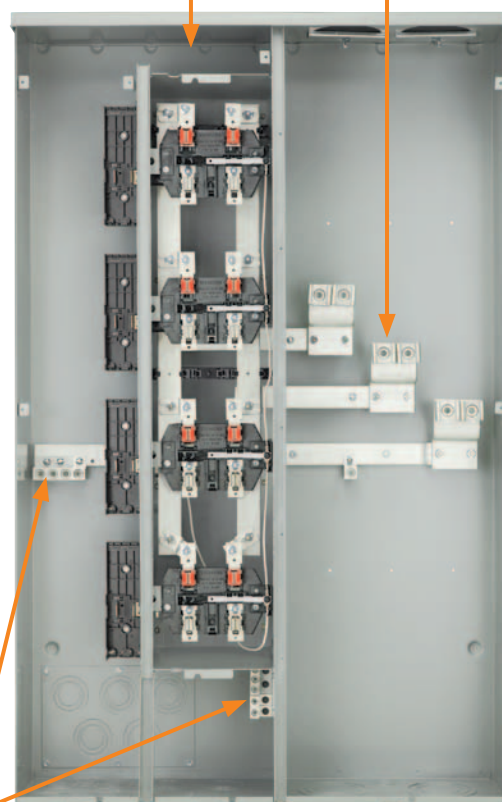
1 Extra Neutral And Ground Termination



Handle
available on larger devices to make lifting the unit easier.

Line Lugs Factory Installed (WP, WEP, WPC)

Top And Bottom Exit



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Uni-PAK Features and Benefits

Mounting Rail

Simplified mounting by using a separate rail to hang the device. (Please Note: a mounting rail is not applicable for two position 125A WP and WEP devices)

5Th Jaw Option

Located in 6 or 9 o'clock position. Factory or field installed

Horn Bypass Option

Factory or field installed.

Front Accessible Connections

All connections use similar hardware and use Belleville washers for tight connections.

Ring Or Ringless Covers

Individual ring or ringless type meter covers. Ring to ringless kits available to make last minute cover changes for specified utility requirements.

Apartment No. Emboss

Provides convenience and organization.

Removable Back End KO Plate

Simplifies and speeds up pulling wire. Entire plate can be removed to allow ample space for wire. Knockouts in the plate can be removed before or after stack installation.

More Features

- 1) Large range of ampacities 200- 1000A
- 2) 125 amp continuous duty sockets feed plug-in tenant breakers through 125 Amps
- 3) 200 amp continuous duty sockets feed plug-in tenant breakers through 225 Amps
- 4) UL Listed for short circuit ratings up to 100,000 RMS symmetrical Amps at 240V AC
- 5) Lever Bypass models available
- 6) EUSERC compliant models available
- 7) 2 - 6 number of meter positions
- 8) Outdoor/indoor construction
- 9) Overhead or underground service; load top, bottom or back
- 10) Compact design for ease of handling and installation
- 11) All unmetered bus is barriered and sealable to prevent unauthorized access.
- 12) Electrodeposited paint provides uniform coverage for long-lasting protection and sharp appearance
- 13) Complies with the following industry standards
 - ANSI - Standard # C 12.7-1987
 - NEMA - Standard #250-1985
 - UL - File #E10703
 - UL - Standard#50, 67, 414

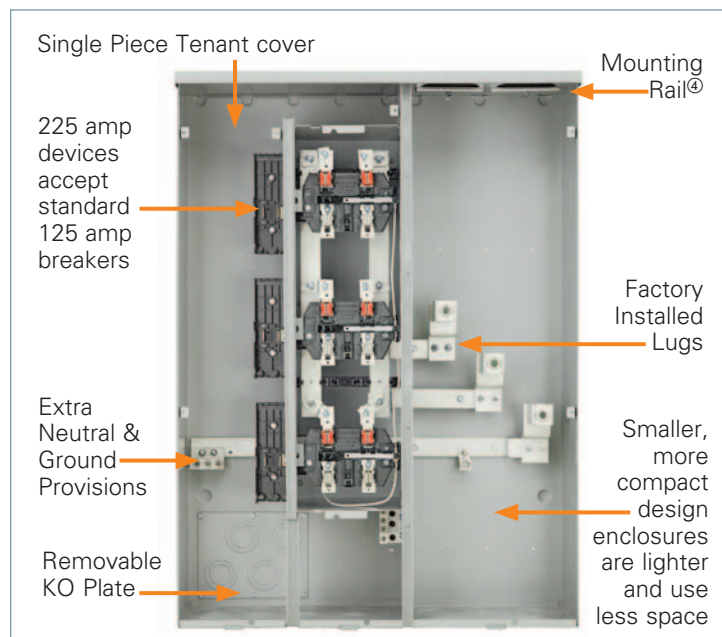
Rain Channel

Rotates out of the way for easy KO access

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Uni-PAK Metering: WP Ringless Style, Horn Bypass

3
METER
CENTERS



Features

- Ringless meter construction
- Individual split covers with barrel lock compatibility
- Horn bypass factory installed
- UL Listed for 60/75°C conductors See equipment markings for applications
- For small apartment buildings, small professional and commercial buildings
- Completely self-contained meter centers
- Two to six 125A and 225A breaker positions
- Barriercd, sealable compartment for unmetered current-carrying parts
- Al/Cu lay-in lugs, except two position 125A units
- Top or bottom feed
- Bottom and rear branch wiring exits (Neutral and ground at bottom only)
- ANSI #61 light gray electrodeposited paint on G90 galvanized steel
- 5th jaw kit included with each unit
- Outdoor surface mounted enclosures

Ringless Style Uni-PAK 120/240V 1 Phase, 3 Wire

Max. Tenant Main	Bus Amperage	Meter Positions Per Pak	Catalog Number	Breaker Provision	Max. AIC	Dimensions ^①			5th Jaw Assembly	Line Lugs Wire Range
						Height	Width	Depth		

Horn Bypass

125	200	2	WP2211RJB ^④	QP, QPH, HQP, MP-T, MP-HT, MP-MT	65,000	26.26	13.80	5.81	INCL. 9:00 factory 6:00 field	#6-300 kcmil
	300	3	WP3311RJB			38.75	25.42			#2-600 kcmil
	400	4	WP4411RJB			47.75				1/0-750 kcmil CU-AL or (2) 1/0-250 AL or (2) 1/0-3/0 CU
	500	5	WP4511RJB			38.75	38.95			
	600	6	WP4611RJB			47.75	26.47			(2) #2-600 kcmil
	600	6	WP6611RJB			38.75	40.00			
225	400	2	WP4212RJB	QP, QPH, HQP, MP-T, MP-HT, MP-MT, QS, QSH, QSHH, HQS, HQSH	100,000	29.75				1/0-750 kcmil CU-AL or (2) 1/0-250 AL or (2) 1/0-3/0 CU
	400	3	WP4312RJB			38.75	28.53			
	400	4	WP4412RJB			47.75	29.59			(2) #2-600 kcmil
	600	5	WP6512RJB				46.22			(2) 1/0-750 kcmil or (4) 1/0-250 AL or (4) 1/0-3/0 CU
	600	6	WP6612RJB							(3) #2-500 kcmil
	800	6	WP8612RJB			38.75	51.03			
	1000	6	WP10612RJB							

Horn Bypass, Alternate Enclosure Size and Lug Configuration^③

125	200	2	WPC2211RJB ^④	QP, QPH, HQP, MP-T, MP-HT, MP-MT	65,000	32.53	13.80	5.81	INCL. 9:00 factory 6:00 field	#6-300 kcmil
225	400	2	WPC4212RJB	QP, QPH, HQP, MP-T, MP-HT, MP-MT, QS, QSH, QSHH, HQS, HQSH	100,000	29.75				
225	400	3	WPC4312RJB		100,000	38.75	28.53	7.56		#6-350 kcmil

Uni-PAK Alternate Lug Kits (WP ONLY)^②

WPLK2400	400A Bus Lug Kit (2) #4-250
WPLK2600	600A Bus Lug Kit (3) #6-250

Replacement Factory Installed Lug Kits (WP & WEP Only)

ECMLK3225	300 KCMIL - For use in devices with 200A rated bus (contains 1 lug assembly)
WPRLK600	600 KCMIL - For use in devices with 300A, 500A, 600A or 1000A rated bus (contains 1 lug assembly)
WPRLK750	750 KCMIL - For use in devices with 400A or 800A rated bus (contains 1 lug assembly)

① Dimensions shown are representative of outside box dimensions and do not include allowances for mounting bumps, endwalls, covers, hubs, or hardware protrusions.

② Dimensions are subject to change.

③ Designed for GA Power. Not limited thereto.

④ Designed for use with Alliant Energy. Not limited thereto.

⑤ Mounting Rails are not applicable for two position 125A WP and WEP devices. These units are light enough to be mounted using the back wall mounting dimples.