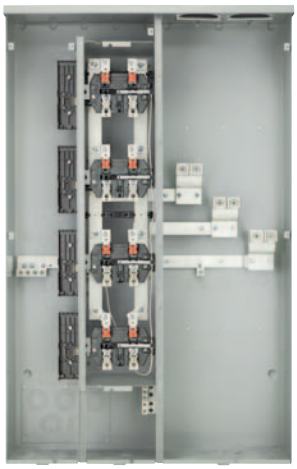
General Information

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.



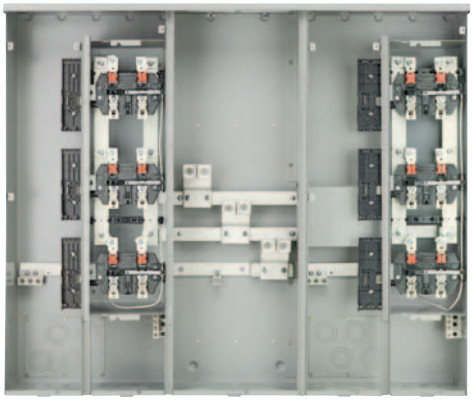
Features include:

- 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



Uni-PAK Construction



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

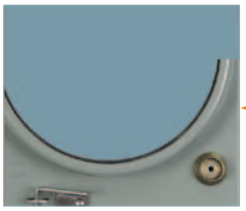


2 Pole up to 225A @100kAIC
Fits in 2 inch – compact width reduces enclosure size limiting total mounting space required.

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.



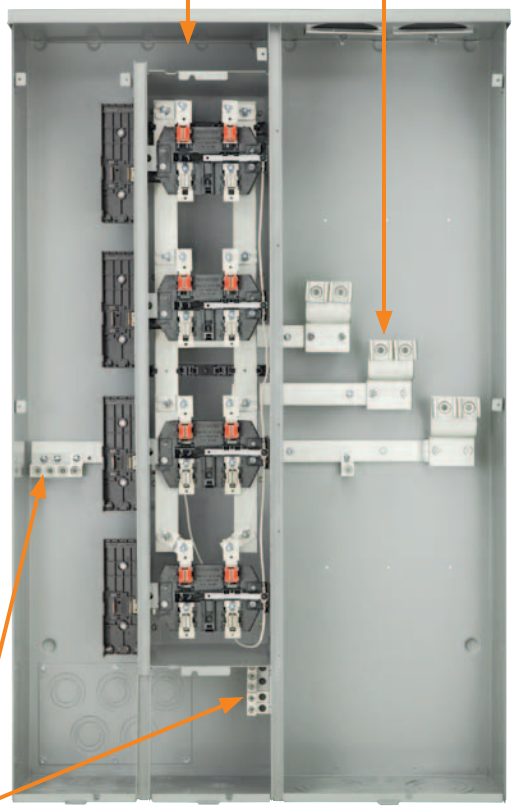
Lockable Breaker Cover



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

Line Lugs Factory Installed (WP, WEP, WPC)

Top And Bottom Exit



1 Extra Neutral And Ground Termination

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

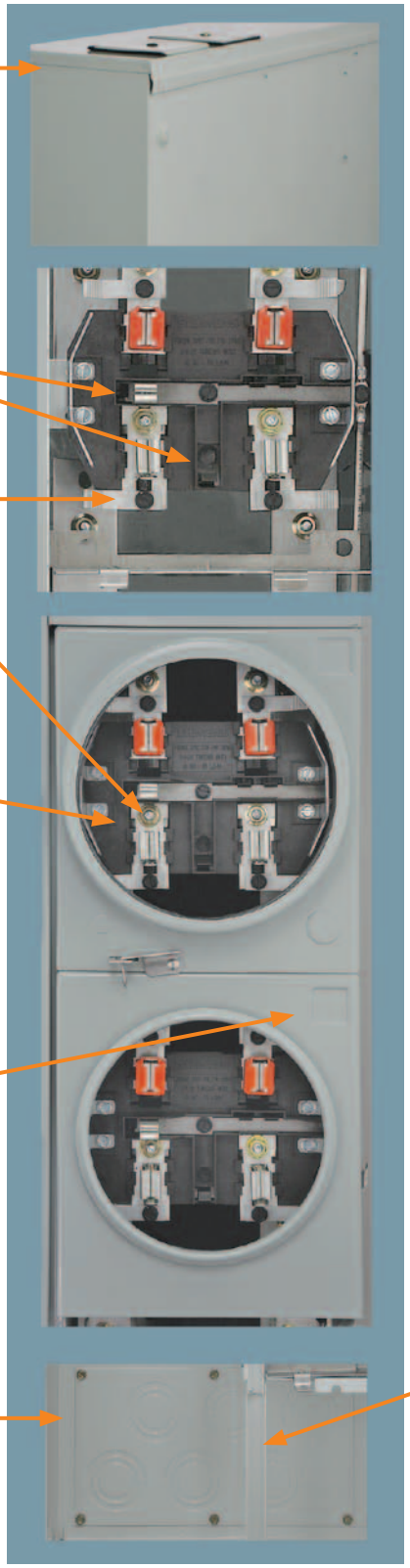
Horn Bypass Option
Factory or field installed.

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.



Rain Channel
Rotates out of the way for easy KO access

More Features

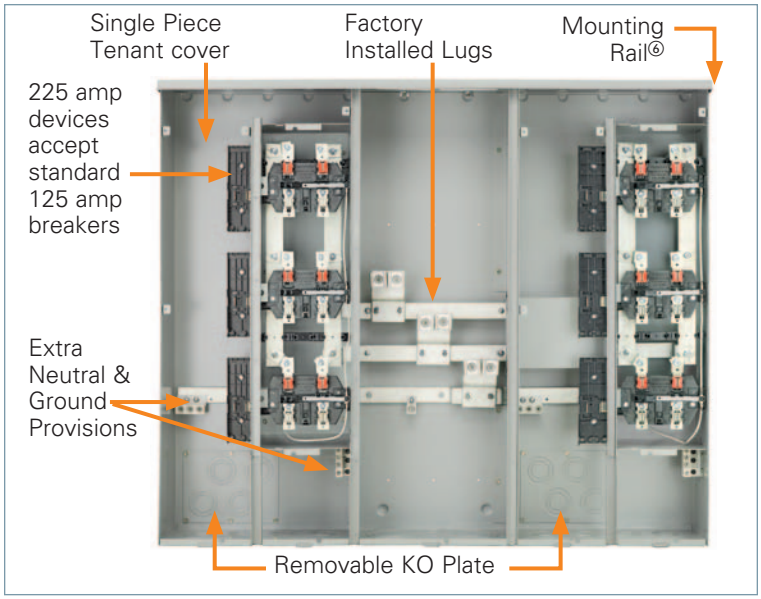
1) Large range of ampacities 200- 1000A
2) 125 amp continuous duty sockets feed plug-in tenant breakers through 125 Amps
3) 200 amp continuous duty sockets feed plug-in tenant breakers through 225 Amps
4) UL Listed for short circuit ratings up to 100,000 RMS symmetrical Amps at 240V AC
5) Lever Bypass 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



Features

- Individual split covers
- UL Listed for 60 / 75°C conductors. See equipment markings for applications
- Completely self-contained meter centers
- Outdoor surface mounted enclosures
- Semi flush with applicable field installed kit
- Barriered, sealable compartment for unmetered current-carrying parts
- Al/Cu lay-in lugs, except two socket units
- Top or bottom feed
- Bottom and rear branch wiring exits (Neutral and ground at bottom only)
- Meets EUSERC specifications when NEMA stud kit and flushing ring (if required) is field added. Compression lugs, if required, are sold separately.

EUSERC Compliant Ring Style Uni-PAK 120/240V 1 Phase, 3 Wire

Max. Tenant Main	Bus Ampe-rage	Meter Positions Per Pak	Catalog Number	Breaker Provision	Max. AIC	Dimensions①			5th Jaw Assembly	Line Lugs Wire Range	Semi-Flush Kit #	EUSERC Drawing #342②
						Height	Width	Depth				
125	200	2	**WEP2211**⑥	QP, QPH, HQP, MP-T, MP-HT, MP-MT	65,000	32.52	13.80	7.56	ECMF5 6:00 or 9:00	#6-300 kcmil	WPFK1	figure 1
	300	3	**WEP3311**			38.75	25.42			#2-600 kcmil	WPFK2	figure 3
	400	4	**WEP4411**			47.75				1/0-750 kcmil CU-AL or (2) 1/0-250 AL or (2) 1/0-3/0 CU	WPFK3	
		5	**WEP4511**			38.75	38.94				WPFK4	
	500	4	**WP5411**			47.75	31.28			(2) #2-600 kcmil		
	400	6	**WEP4611**			38.75	44.82					
	600	5	**WEP6511**								WPFK5	
		6	**WEP6611**									
225	400	2	**WEP4212**	QP, QPH, HQP, MP-T, MP-HT, MP-MT, QS, QSH, QSHH, HQS, HQSH	100,000	29.75	28.53			1/0-750 kcmil CU-AL or (2) 1/0-250 AL or (2) 1/0-3/0 CU	WPFK6	figure 2
		3	**WEP4312**			38.75					WPFK7	figure 3
		4	**WEP4412**			47.75					WPFK8	
	600		**WEP6412**				34.41				WPFK9	
		5	**WEP6512**			38.75	51.04			(2) #2-600 kcmil	WPFK10	
		6	**WEP6612**									
	800		**WEP8612**②							(2) 1/0-750 kcmil or (4) 1/0-250 AL or (4) 1/0-3/0 CU		N/A
	1000		**WEP10612**②				57.53			(3) #2-500 kcmil	WPFK11	

EUSERC Dual-amp Uni-PAK for EV Car Charger③④

Max. Tenant Main	Bus Ampe-rage	Meter Positions Per Pak	Catalog Number	Breaker Provision	Max. AIC	Dimensions①			5th Jaw Assembly	Line Lugs Wire Range
						Height	Width	Depth		
Position 1: 50A Position 2: 200A	200A	2	**WEP2212EV**⑥	QP, QPH, HQP, QS, QSH, QSHH, HQS, HQSH	65,000	32.47	16.25	6.03	ECMF5	300 kcmil - #4 AWG

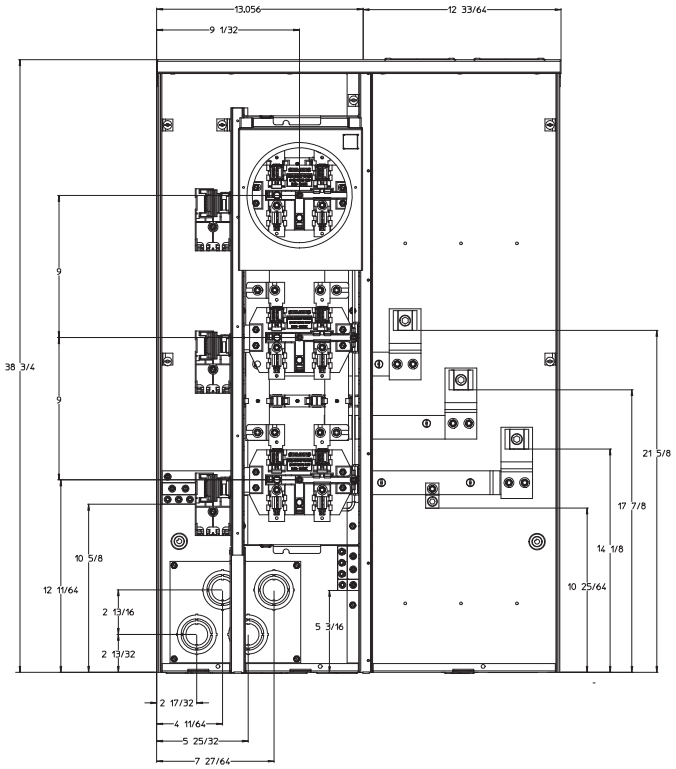
NEMA Stud Kits (WEP Only)⑤

Catalog Number	Amperage	Note
WPSK400	400A	fits 300-400
WPSK600	600A	fits 500-600
WPSK800	800A	—
WPSK1000	1000A	—

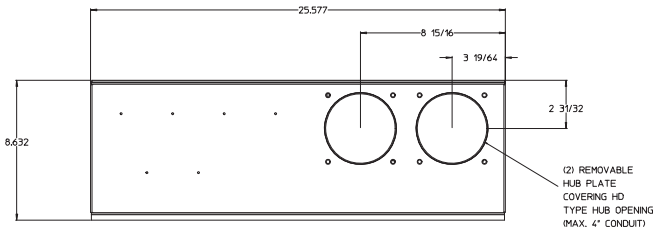
Replacement Factory Installed Lug Kits (WP & WEP Only)	
ECMLK3225	300 KCMIL - For use in devices with 200A rated bus (contains 1 lug assembly)
WPRLK600	600 KCMIL - For use in devices with 300A, 500A, 600A or 1000A rated bus (contains 1 lug assembly)
WPRLK750	750 KCMIL- For use in devices with 400A or 800A rated bus (contains 1 lug assembly)

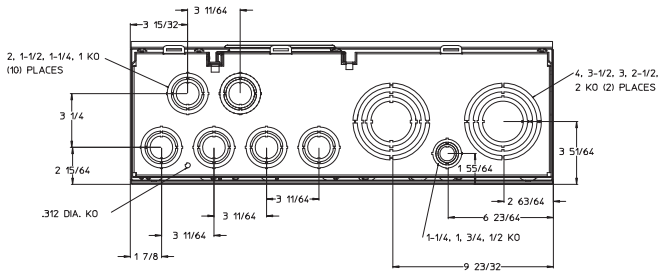
① Dimensions shown are representative of outside box dimensions and do not include allowances for mounting bumps, endwalls, covers, hubs, or hardware protrusions. Dimensions are subject to change.
② Please note the EUSERC standard currently only covers up to 600 amp devices. Please consult utility prior to installation.
③ Applies to EUSERC drawing #342.
④ Uni-PAK designed for EV car charger. Has separate meter for utility company to offer lower rate for power to EV charger (50A top position).
⑤ To be used with compression or mechanical lugs. Power Mod type LK_N2(E) lug kits can be used. View cutsheet for specific lug kit options.
⑥ Mounting Rails are not applicable for two position 125A WP and WEP devices nor the EV device. These units are light enough to be mounted using the back wall mounting dimples.

WP3311
WEP3311

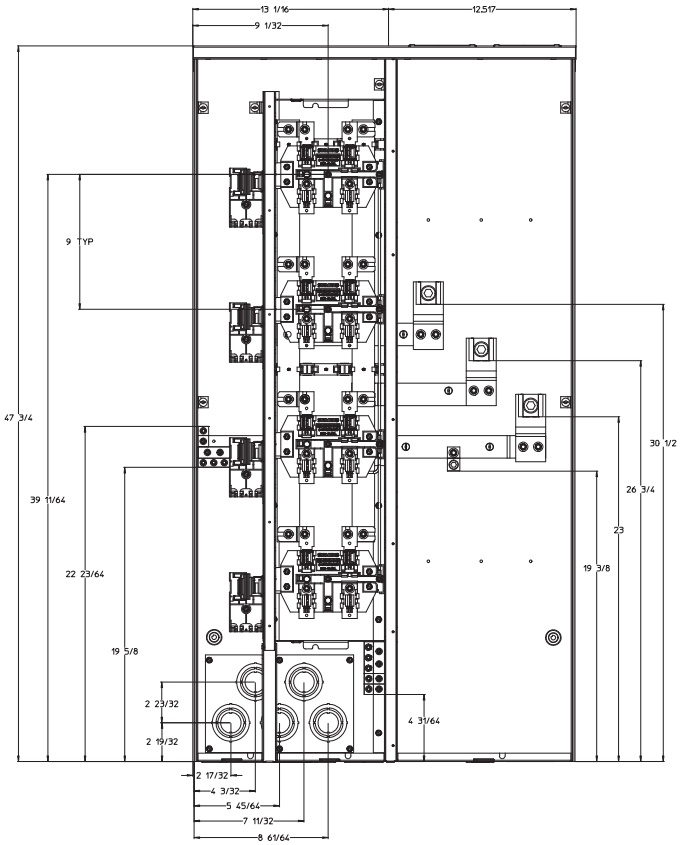


Top view for
WP3311, WP4411, WEP3311 and WEP4411





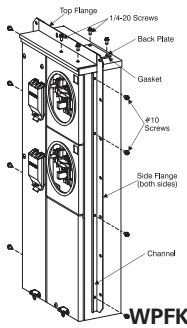
Bottom view for
WP3311, WP4411, WEP3311 and WEP4411



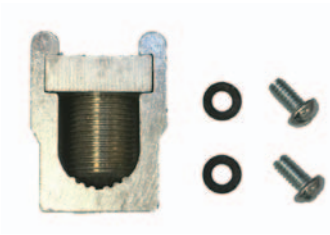
WP4411
WEP4411



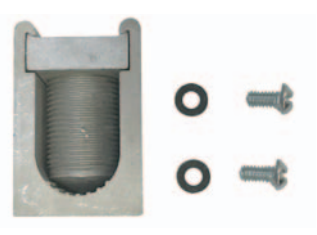
ECHS125



WPFKx



WPRLK600



WPRLK750

Uni-PAK Lug Kits

Catalog Number	Description
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)
Uni-PAK Alternate Lug Kits (WP ONLY)	
WPLK2400	400A Bus Lug Kit (2) #4-250
WPLK2600	600A Bus Lug Kit (3) #6-250
Uni-PAK NEMA Stud Kits (WEP ONLY)⑥	
WPSK400	Fits 300 - 400A
WPSK600	Fits 500 - 600A
WPSK800	800A
WPSK1000	1000A
Lug Kits (WPL ONLY)⑤	
H56476	3/0-800 kcmil
H60162	(2) 1/0-250 kcmil OR (1) #4-600 kcmil
H68752-1	(3) #6-250 kcmil
H56732	(2) #4-350 kcmil
H56732-M	(2) #4-500 kcmil

Semi-flush Mounting Kits (WEP only)

Flange Kit Number	Designed for use with:
WPFK1	WEP2211, WTEG2211
WPFK2	WEP3311, WTEG2211
WPFK3	WEP4411, WTEG4411
WPFK4	WEP4511, WTEG4511, WEP4611, WTEG4611
WPFK5	WEP6511, WTEG6511, WEP6611, WTEG6611
WPFK6	WEP4212, WTEG4212
WPFK7	WEP4312, WTEG4312
WPFK8	WEP4412, WTEG4412
WPFK9	WEP6412, WTEG6412
WPFK10	WEP6512, WTEG6512, WEP6612, WTEG6612
WPFK11	WEP10612, WTEG10612
WPFK12	WEP5411, WTEG5411
WPFK13	WEP8612, WTEG8612

Uni-PAK Accessories

Catalog Number	Description
Type "HD" Conduit Hubs	
EC56854	2" Conduit Hub④
EC56855	2½" Conduit Hub④
EC56856	3" Conduit Hub
EC56857	3½" Conduit Hub
EC56858	4" Conduit Hub
EC56933S	Closure Plate
Type "RX" Conduit Hubs	
EC38594	¾" Conduit Hub
EC38596	1" Conduit Hub
EC38597	1¼" Conduit Hub
EC38598	1½" Conduit Hub
EC38599	2" Conduit Hub
EC38600	2½" Conduit Hub
EC38595	Closure Plate
EC9747-1113	Adapter plate for HD/RX③
Cover Plate	
ECPP	Plastic Ring Style①
ECCP3	Plastic Ringless Style

① Not for use on lever bypass units.
② Order NSK600 and PLK600 kits for use with 800 Amp PAK. CU Cable only approved with 800A device.
③ Use Adapter plate with RX hubs for PAK units.
④ These items made of Adapter plate and equivalent RX hub.
⑤ Lug kits should be chosen based on the wire size being run to the unit. Wire should be sized according to the National Electrical Code. Lugs are sold separately. On 400-600A applications, a total of 3 lugs are required to wire the line side of the device. Lugs sold in packs of 2 pieces.
⑥ To be used with compression or mechanical lugs. Power Mod type LK_N2(E) lug kits can be used. View cutsheet for specific lug kit options.