

SIEMENS

Power Mod™ Indoor/Outdoor Service Entrance Module

Catalog Number Enclosure
 WBV3700C **Type 3R**
 WBV3700CU

Module Rating:
 700 Amps, Max; See main breaker for actual rating.
 Main Bus Rating: 1200 Amps Max.
 208Y/120 Volts~, 3 Phase, 4 Wire
 240/120 Volts~, 3 Phase, 4 Wire, Delta (B Phase is High Leg)

For installation by Qualified Person in accordance with all local electrical codes and/or the National Electrical Code®.

Suitable Only For Use As Service Equipment unless bond strap is removed and ground lug is reinstalled on the bracket on the back of the enclosure. Tighten nut to 60 lb-in torque. See schematic. Apply appropriate label provided next to breaker handle.

For overhead or underground service. When LLP1200 is installed, installation is underground only.

Use 75°C Copper or Aluminum Conductors.

Terminals A, B, C and N:
 Wire size (3) 1/0-500 kcmil CU/AL. Torque terminals to 375 lb-in.

Ground terminal G: Wire size #4-300 kcmil. Torque terminal to 250 lb-in.

Circuit breaker trip position is indicated by handle position midway between ON and OFF. To reset, move handle to OFF position, then turn ON.

Short Circuit Current Rating

This device has a maximum short circuit current rating of 100,000 amps RMS symmetrical at 240 Volts ~. The actual short circuit current rating is limited to the interrupting capacity of the circuit breaker installed. Replacement breakers must be manufactured by Siemens and must be of the correct type and rating as indicated in the table below. Use of other circuit breakers in this device will void the warranty.

Breaker Type	Rating
MMAS	85k AIC
HMAS	100k AIC

See adjacent labels for additional marking information.

Siemens Industry, Inc. Peachtree Corners, Georgia U.S.A. **DH1** 409021080101 Rev.00

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Siemens Accessories

- Hub Cover Plate EC56933S
- GND Bar Kit ECLX069M
- Breaker Lug Kit (factory installed) . . LK33500 (kit includes 4 lugs)
- Alternate Breaker Lug Kit LK33750 - (3) 500-750 kcmil, Torque 375 lb.-in. (kit includes 4 lugs)
- Alternate Breaker Lug Kit LK34500 - (4) #2-500 kcmil, Torque 375 lb.-in. (kit includes 4 lugs)
- Surge Protection Mounting Kit ECBSPDV3 (BSPD sold separately)
- Lug Landing Pad* LLP1200 (lugs ordered separately)
- UNDERGROUND USE ONLY

*Kit contains mounting instructions and NEMA stud pattern for use with mechanical and compression lugs. See table below for recommended lugs.

Lugs for Phase and Neutral Connections (not supplied)						
NEMA Lug ①	MFG	Wire Range	Type	No. Wires per phase	Torque (lb.-in.)	
LK32600N2	Siemens	#2-600 kcmil	Mechanical	2	500	
LK32750N2	Siemens	300-750 kcmil	Mechanical	2	500	
LK33500N2	Siemens	1/0-500 kcmil	Mechanical	3	500 ②	
LK33750N2	Siemens	300-750 kcmil	Mechanical	3	500 ②	
LK34500N2	Siemens	1/0-500 kcmil	Mechanical	4	500	
2ACL-500	ILSCO	500 kcmil	Compression	3	NA ③	
2ACL-600	ILSCO	600 kcmil	Compression	2	NA ③	
2ACL-750	ILSCO	750 kcmil	Compression	2	NA ③	

- ① Order one mechanical lug kit for main breaker and neutral conversions. Contact lug manufacturer for compression lug quantities supplied for each kit.
- ② Kit contains more than one lug type.
- ③ See lug manufacturer's instruction sheet supplied with the connector for tool, die, and number of crimps.

For use with other Power Mod modular metering products.

Connect Modules Using: **Cat. No.** **Torque**
 Quick Connect QC4 400-440 lb-in (35-36 ft.-lb.)

Use HD Type Hubs if required

Trade Size (in)	Catalog No.
3"	EC56856
3-1/2"	EC56857
4"	EC56858

Equipment Ground Bars

Small Terminals		Large Terminals	
Wire Range / Torque		Wire Range / Torque	
10-14 AWG	20 lb-in	10-14 AWG	35 lb-in
8 AWG	25 lb-in	8 AWG	40 lb-in
6 AWG	35 lb-in	1/0-6 AWG	45 lb-in

Important: Do not allow petroleum based (hydrocarbon) sprays, chemicals, solvents or any paint to contact interior components. Petroleum based chemicals can cause degradation of electrical insulating materials.

