

# SIEMENS

## Indoor/Outdoor Service Entrance Module

Catalog Number  
**WS1800CU**

Enclosure  
**Type 3R**

### Module Rating:

800 Amps, Max; See fuse for actual rating.  
120/240 Volts~, 60 HZ, 1 Phase, 3 Wire  
208Y/120 Volts~, 60 HZ, 1 Phase, 3 Wire (from 3 Phase, 4 Wire network)

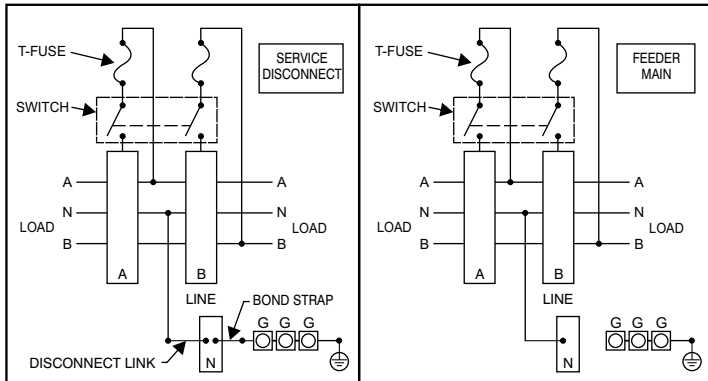
For installation by Qualified Person in accordance with all local electrical codes and/or the National Electrical Code®.

**Suitable Only For Use As Service Equipment** unless bond strap is removed. See schematic. Apply appropriate label provided next to switch handle.

Enclosure may be oriented for Overhead or Underground Service.

### Use 75°C Copper or Aluminum Conductors.

Connect Modules Using:	Cat. No.	Torque
Single Bolt Joint	SBJ1	400-480 lb-in (35-40 ft.-lb.)
Quick Connect	QC1	400-440 lb-in (35-36 ft.-lb.)



See adjacent label for additional marking information.

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If cover interlock is defeated, it will be necessary for cover interlock plate to be positioned over opening and retightened.

This device has a maximum short circuit current rating of 100,000 amps RMS symmetrical at 240 Volts~. Use Class T (300V) fuses only. Continuous load current not to exceed 80% of the rating of the fuses in other than motor circuits.

Lugs for Phase and Neutral Connections (not supplied)					
NEMA Lug <sup>①</sup>	MFG	Wire Range	Type	No. Wires per phase	Torque (lb.-in.)
LK12750N2	Siemens	300-750 kcmil	Mechanical	2	500
LK12600N2	Siemens	#2-600 kcmil	Mechanical	2	375
LK13500N2	Siemens	1/0-500 kcmil	Mechanical	1	375 ②
				2	500 ②
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. Reference kit instruction sheet for the actual torque value for each lug type.
- ③ See lug manufacturer's instruction sheet supplied with the connector for tool, die, and number of crimps.

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

Torque fuse mounting hardware to 225 lb.-in.

Use HD Type Hubs if required	
Trade Size (in)	Catalog No.
2"	EC56854
2-1/2"	EC56855
3"	EC56856
3-1/2"	EC56857
4"	EC56858
Closure Plate	EC56933S

### IMPORTANT - for use with:

Module	Siemens Series#	Murray Series#
Main Breakers	(W)MC, WB, WEB	DB_W
Switches	WMP, WMS, WS, WES	DPT_W, DT_W
Tap/Terminal Boxes	WMTB, WTB, WET	DTB_W
Pull Boxes	WMMB, WPB, WAPB	DPB_W
Meter Module	WMM, WxMM, WMT, WML, WMK	DG_W, DC_W, DL_W
Extension Box	WMEX, WSP	DS
Bussed Elbow	(W)BE	DL

**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.

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