

Installation Instructions



⚠ DANGER

Hazardous Voltage.
Will cause death, serious injury
or substantial property damage.

Turn off power supplying this
equipment before working inside.

Note:
This instruction sheet outlines the general installation procedure. It does not purport to cover all details or variations in equipment nor does it provide for every possible contingency to be met in connection with installation. If you are unsure of the correct procedures or if you have questions or need assistance you should contact a qualified electrical contractor.

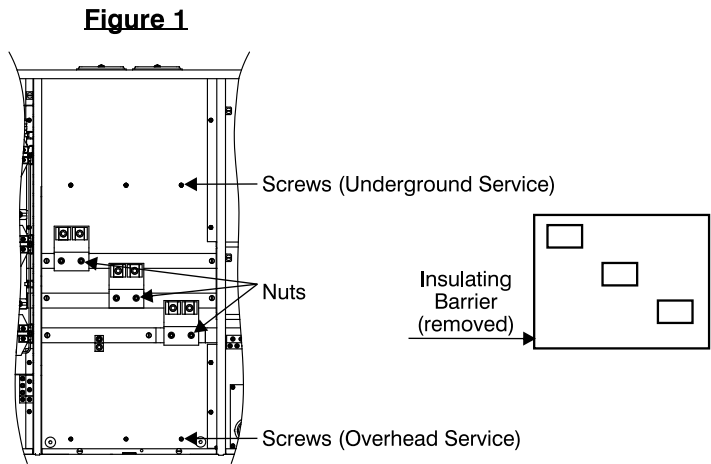
This device should be installed in accordance with all local electrical codes and/or the latest edition of the National Electrical Code®.

NEMA Stud Kit① WPSK800 (for overhead or underground feed)					
NEMA Lug②	MFG	Wire Range	Type	No. Wires per phase	Torque (lb.-in.)
LK12600N2	Siemens	#6-350 kcmil	Mechanical	2	375
LK12750N2	Siemens	750-300 kcmil	Mechanical	2	500
LK13500N2	Siemens	1/0-500 kcmil	Mechanical	1	375 ③
				2	500 ③
2ACL-500	ILSCO	500 kcmil	Compression	3	N/A ④
2ACL-600	ILSCO	600 kcmil	Compression	2	N/A ④
2ACL-750	ILSCO	750 kcmil	Compression	2	N/A ④

- ① Kit contains lug mounting pads with NEMA stud pattern for use with mechanical and compression lugs. Order lug kits from chart above.
- ② Order one mechanical lug kit for mains and neutral. Contact lug manufacturer for compression lug quantities supplied for each kit.
- ③ Kit contains more than one lug type. Reference kit instruction sheet for the actual torque value for each lug type.
- ④ See lug manufacturer's instruction sheet supplied with the connector for tool, die, and number of crimps.

A. Prepare Unit (refer to Figure 1)

1. Remove insulating barrier and discard.
- 2a. For underground service, remove three screws from back wall of enclosure near the top and retain for use later.
- 2b. For overhead service, remove three screws from back wall of enclosure near the bottom and retain for use later.
3. Remove (6) 1/4-20 nut/washer assemblies and retain for use later.
4. Remove each bus/connector assembly and discard.



B. Install WPSK800 Kit

(refer to Fig.2 for underground service or Fig.3 for overhead service)

5. Install (3) new bus/stud assemblies and loosely secure with nuts from step 3 above (do not tighten).
6. Secure bus assembly support brackets to back wall of enclosure with screws from step 2 above. Tighten securely (24-30 lb-in torque).
7. Tighten the (6) 1/4-20 nut/washer assemblies to 60-65 lb-in torque.
8. Install the large insulating barrier as shown in the appropriate figure and secure it to the center bus with the plastic push fastener supplied in the kit.
9. Install the appropriate lugs in accordance with the instruction sheet supplied with the lug kits.

Figure 2 (Underground Service)

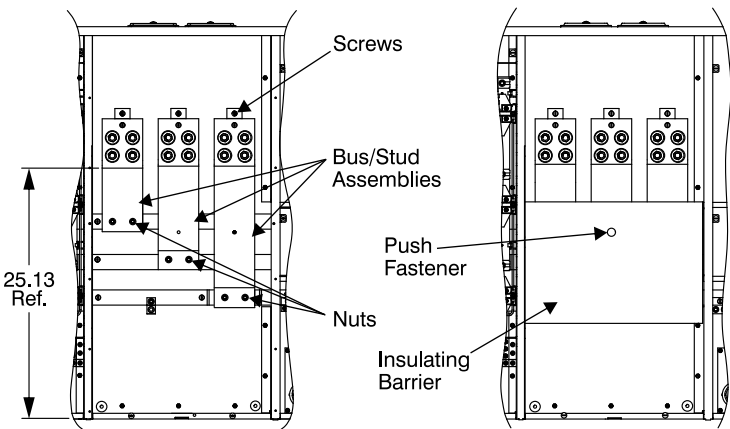


Figure 3 (Overhead Service)

