Line-rear-bus, load-front-cable - Hybrid connect kit - NF

Instructions apply to:

UL489 : PD-NF, Series NRX
IEC : PD-NF, IZMX16

**WARNING**

1. **ONLY QUALIFIED ELECTRICAL PERSONNEL SHOULD BE PERMITTED TO WORK ON THE EQUIPMENT.**

2. **ALWAYS DE-ENERGIZE PRIMARY AND SECONDARY CIRCUITS IF A CIRCUIT BREAKER CANNOT BE REMOVED TO A SAFE WORK LOCATION.**

3. **DRAWOUT CIRCUIT BREAKERS SHOULD BE LEVERED (RACKED) OUT TO THE DISCONNECT POSITION.**

4. **ALL CIRCUIT BREAKERS SHOULD BE SWITCHED TO THE OFF POSITION AND MECHANISM SPRINGS DISCHARGED. FAILURE TO FOLLOW THESE STEPS FOR ALL PROCEDURES DESCRIBED IN THIS INSTRUCTION LEAFLET COULD RESULT IN DEATH, BODILY INJURY, OR PROPERTY DAMAGE.**

**WARNING**

THE INSTRUCTIONS CONTAINED IN THIS IL AND ON PRODUCT LABELS HAVE TO BE FOLLOWED. OBSERVE THE FIVE SAFETY RULES:

- DISCONNECTING
- ENSURE THAT THE DEVICES CANNOT BE ACCIDENTALLY RESTARTED
- VERIFY ISOLATION FROM THE SUPPLY
- EARTHING AND SHORT-CIRCUITING
- COVERING OR PROVIDING BARRIERS TO ADJACENT LIVE PARTS

DISCONNECT THE EQUIPMENT FROM THE SUPPLY. USE ONLY AUTHORIZED SPARE PARTS IN THE REPAIR OF THE EQUIPMENT. THE SPECIFIED MAINTENANCE INTERVALS AS WELL AS THE INSTRUCTIONS FOR REPAIR AND EXCHANGE MUST BE STRICTLY ADHERED TO PREVENT INJURY TO PERSONNEL AND DAMAGE TO THE SWITCHBOARD.
Instructions

Step 1: Remove two (2) screws on load back plate.

Step 2: Remove load back plate.

Step 3: Place three (3) load front adapters on shroud.

Step 4: Attach three (3) front load adapters with three (3) flat screws.

Step 5: Install shroud with three (3) load front adapters.

Step 6: Use six (6) flat head screws, three (3) conical washers, and six (6) flat washers to install adapters and shroud. Torque to 30 ft-lb (27 N·m).
Step 7: Install back plate over load adapters.

Step 8: Use screws to secure load back plate.

Step 9: Install cable terminals using six (6) hex bolts and six (6) lock washers.

Step 10: Install three (3) cable terminals. Torque to 30 ft-lb (27 N·m).

Step 11: Replace load front shield.

Step 12: Replace shroud on load side.
Step 13: Install rear connect adapters using six (6) flat screws, six (6) flat washers, and six (6) conical washers.

Step 14: Install three (3) rear connect adapters. Torque to 10 ft-lb (13.6 N·m).

Step 15: Replace front cover.

Step 16: Replace four (4) screws on front cover.

Step 17: Place IPB5 barriers in appropriate slots, on load side.

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