Line-front-cable, load-rear-bus - 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 four (4) screws on arc hood.

Step 2: Remove arc hood.

Step 3: Remove three (3) baffles.

Step 4: Remove four (4) screws on front cover.

Step 5: Remove front cover.

Step 6: Remove three (3) flat head screws on line adapters.
Step 7: Remove two (2) screws on line back plate.

Step 8: Remove line back plate.

Step 9: Remove rear housing line side.

Step 10: Remove six (6) flat screws on line adapters.

Step 11: Remove three (3) line adapters.

Step 12: Replace rear housing line side.
Step 13: Install rear shield using two (2) screws.

Step 14: Install rear connect adapters using six (6) flat screws, six (6) flat washers, and six (6) conical washers.

Step 15: Install three (3) rear connect adapters. Torque to 10 ft-lb (13.6 N-m).

Step 16: Replace three (3) baffles.

Step 17: Replace arc hood.

Step 18: Remove four (4) screws on shroud on load side.
Step 19: Remove shroud on load side.

Step 20: Remove three (3) baffles.

Step 21: Remove load front shield.

Step 22: Install cable terminals using six (6) hex bolts and six (6) lock washers.

Step 23: Install three (3) cable terminals. Torque to 30 ft-lb (27 N·m).

Step 24: Replace load front shield.
**Step 25:** Replace shroud on load side.

**Step 26:** Replace front cover.

**Step 27:** Replace four (4) screws on front cover.

**Step 28:** Place IPB5 barriers in appropriate slots on load side.
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