EPC COMBINATION LINE STARTER AND CIRCUIT BREAKER

1. Remove top and bottom covers. To remove top cover, depress lock and unscrew cover. See Figure 1. To remove bottom cover, lift and disengage lock then unscrew cover. Both covers are quick opening type requiring less than two turns to remove or install.

CAUTION
During installation, exercise care to prevent grit, dirt or other foreign material from lodging on threads. If such foreign material does settle on these threads, clean them with kerosene or Stoddard solvent*, then relubricate with STL thread lubricant.

*To avoid the possibilities of an explosion, oxidation and corrosion, do not use gasoline or similar solvents.

2. Remove Reset Frame
The reset frame consists of a cross arm with reset fingers and reset operating rod. See Figure 2. To remove the reset frame, grasp one side of the hinge strap and the cross arm (near the hinge pin or pivot point) and separate the two to release the cross arm from the hinge pins. Let the reset frame hang or remove it by disengaging the reset operating rod from the reset arm. The frame will not be needed again until the unit has been completely wired.

Figure 1
Top and Bottom Cover Locks
All screw threads have been treated with a corrosion-resistant lubricant which penetrates the metal. Whenever disturbing threaded joints, relubricate the threads with STL thread lubricant.

3. Remove Internal Frame
7" and 9" Internal Diameter:
Loosen fastening screws securing the two mounting shoes until the shoes are free to pivot, but do not remove screws from body. Then swing the shoes inward and remove the frame. Lowering the frame will release the lower supports (the bracket on the interior frame and the brace on the center section).

11" Internal Diameter:
Remove fastening screws securing interior frame to upper mounting brackets. Then release the lower studs from hooks by lifting frame, sliding the device through the lower opening.

4. Install Center Section (Body)
Install the sealing fittings and mount the body on the wall, rack or frame. Three-point suspension permits hanging and leveling the body from the top screw before locating and installing the two bottom screws. After tightening all screws evenly, install the conduit and pull the wires. See Figure 3 and WARNING notice on page 2.

IMPORTANT
Use of maximum size conduit requires that union, if used, be installed at least 4" from face of conduit entrance to avoid interference with cover.
8. Replace Reset Frame
To replace the reset frame hanging from the center section, place one end of the cross arm over hinge pin and spring other end in place. If the reset frame was removed, hook reset operating rod through reset arm in center section and spring frame in place as explained in the preceding sentence. See Figure 2.

9. Replacement of Covers
Turn covers on until mechanical stops engage. Check locks to see that they are in position to prevent loosening the covers. See Figure 1.

EPC MAGNETIC LINE STARTER ONLY
1. Follow general instructions for combination line starter and circuit breaker enclosures; ignore the reference to circuit breaker operation.

EPC CIRCUIT BREAKER ONLY
1. Follow general instructions for combination line starter and circuit breaker enclosures; ignore reference to starter or reset frame.

MAINTENANCE

WARNING
Always disconnect primary power source before opening enclosure for inspection or service.

1. Frequent inspections should be made. A schedule for maintenance should be determined by the environment and frequency of use. It is recommended that it should be at least once a year.

2. Perform visual, electrical, and mechanical checks on all components on a regular basis.
   - Visually check for undue heating evidenced by discoloration of wires or other components, damaged or worn parts, or leakage evidenced by water or corrosion in the interior.
   - Electrically check to make sure that all connections are clean and tight, and that contacts in the components make or break as required.
   - Mechanically check that all parts are properly assembled, and operating mechanisms move freely.

In addition to these required maintenance procedures, we recommend an Electrical Preventive Maintenance program as described in the National Fire Protection Association Bulletin NFPA No. 70B.

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