

EJB/ECP SERIES MOUNTING PLATE KIT

COOPER Crouse-Hinds

Installation & Maintenance Information

IF 1107

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

APPLICATION

EJB/ECP Series mounting plate kits are used with EJB and ECP junction boxes for the installation of relays, terminal blocks, and various electrical devices.

EJB/ECP Series mounting plate kits are designed for field installation or replacement and consist of an aluminum mounting plate, pillars, and mounting hardware.

EJB/ECP Series mounting plate kits should be installed by qualified and competent personnel.

INSTALLATION

Note: Refer to installation information provided with EJB/ECP Series junction box for specific junction box installation requirements before proceeding.

WARNING

Electrical power must be "OFF" before and during installation and maintenance.

1. Determine mounting location(s) for electrical device(s), terminal block(s), etc., to be installed on mounting plate (when required), then install device(s) following the installation information supplied with the device(s).
2. Remove the cover bolts and nuts from two stud bolts, then lift off cover and carefully set it aside to prevent damage to the ground joint and flange gasket.

Note: EJB Style C junction boxes without cover hinges have two stud bolts located at diagonally opposite corners of the body to aid in positioning cover. Do not remove stud bolts. Covers may be handled more easily by installing two 5/8-11 eyebolts into the two threaded holes provided in the cover. The eyebolts should only be threaded part way through the cover to prevent damage to the machined flange of the body.

CAUTION

Hammers or prying tools must not be allowed to damage the flat ground joint surfaces. Do not handle covers roughly, or place them on surfaces that might damage or scratch the flat ground joint surface.

3. EJB Style D mounting plates are provided with a ground lug. Ground lug that was provided with junction box must be removed from back wall of junction box to avoid interference with mounting plate.

4. Install mounting pillars into back wall (bottom) of junction box by threading into tapped hole(s). Install mounting plate on pillars using screws and washers provided; securely tighten screws. See Figure 1. (Pillars are not required on some sizes of EJB/ECP series enclosures when mounting pads are cast into the enclosure body - See Figure 2).

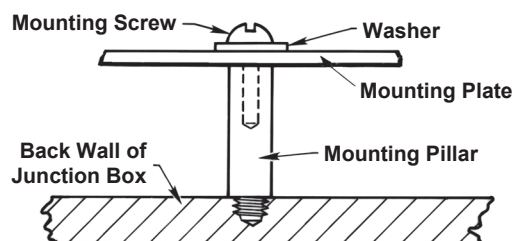


FIGURE 1

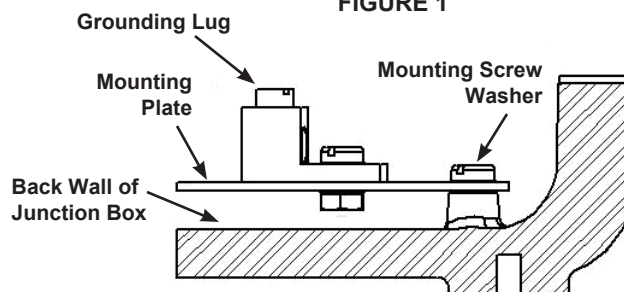


FIGURE 2

5. Field addition or replacement of mounting plate in EJB/ECP junction box has been completed. Refer to the installation information provided with the EJB/ECP junction box for additional modifications for wiring, conduit entrances (when required), and other enclosure installation requirements.

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