

Explosion Proof 3-Port Junction Box INSTALLATION SHEET

CAUTION:

Before installing, make sure you are compliant with area classifications, failure to do so may result in bodily injury, death and property damage. Do not attempt installation until you are familiar with the following procedures. All installation must comply with the applicable Electrical Code.

Make sure that the circuit is de-energized before starting installation or maintenance.

Verify that the installation is grounded. Failure to ground will create electrical shock hazards, which can cause serious injury and or death.

IMPORTANT:

Please read these instructions carefully before installing or maintaining this equipment. Good electrical practices should be followed at all times and this data should be used as a guide only.

Technical information, advice and recommendations contained in these documents is based upon information that Larson Electronics believes to be reliable. All the information and advice contained in these documents is intended for use only by persons having been trained and possessing the requisite skill and know-how and to be used by such persons only at their own discretion and risk. The nature of these instructions is informative only and does not cover all of the details, variations or combinations in which this equipment may be used, its storage, delivery, installation, check out, safe operation and maintenance. Since conditions of use of the product are outside of the care, custody and control of Larson Electronics, the purchaser should determine the suitability of the product for his intended use, and assumes all risk and liability whatsoever in connection therewith.

The EPJ series outlet bodies standard application: the proper assembly of the cover and body for Group D requires minimum of six threads (turns) engagement to comply with the UL/CSA Standards requirements.

DIRECTIONS FOR INSTALLATION

WARNING: Electrical power supply MUST BE **OFF** Before and during installation and maintenance.

1. Do not use this equipment for any other than the intended use as specified per ratings.
2. Turn OFF the supplying circuit before beginning installation or performing any maintenance. With power turned off, service must be done in nonhazardous atmosphere.
3. Ensure thread type and sizes are compatible with enclosure thread.
4. The fitting must be engaged per instructed NEC regulations located at 500.8(E)(A), E2, or E3. thread lubricants should be used to assist achieving an easier fit.
5. Connect ground wiring to Green Ground screw.
6. All open conduit hubs should be sealed with the correct NPT size insert plugs of similar metal.

The proper assembly of the cover and body, requires minimum of eight (8) threads (turns) engagement, to be suitable for class ratings. In addition, when supplied with an o-ring, the unit is qualified as NEMA Type 3, 4 for outdoor use. It is the responsibility of the installer to confirm that the above thread engagement is met, when installing the unit in Group "B" Hazardous Classified Locations.