

## Explosion Proof Terminal Strip Junction Box Instruction Manual



### EPJ Series

#### **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 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, the purchaser should determine the suitability of the product for his intended use, and assumes all risk and liability whatsoever in connection therewith.

Before installing, be sure to read and be familiar with the following instruction procedures. All installations must comply with applicable local, National Electrical Codes and/or Canadian Electrical Code.

EPJ series conduit boxes are installed in conduit systems within hazardous areas. The function of the EPJ series are protection for conductors in threaded rigid conduit, act as a pull and splice boxes, interconnect lengths of conduit, change conduit directions & provide access to conductors for maintenance and future system changes.

## **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 certified UL or CSA files and their ratings.
2. Turn **OFF** the supplying circuit before beginning installation or performing any maintenance. With power turned off, service must be done in non-hazardous 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.