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**EPJ-CBA-TCJ-50**

# Explosion Proof Junction Box, 1/2" NPT Hubs, (3) Ports, Type C-J Conduit Body, Power Coated Aluminum, C1D1 C2D1

**Product ID: 281041**

**Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).**



**Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.**

**EPJ-CBA-TCJ-50 Explosion Proof Junction Box - Type C-J Conduit Body**

**Listing: NRTL Listed to United States & Canada Standards**
**Conduit Body Style: Type C-J**
**Dimensions: 4.69" (119 mm) L x 3.54" (90 mm) H**
**Cover Opening: 3.27" (83 mm)**
**Weight: 1.5 lbs**
**Volume: 15 cu. in.**

**Ports:** (3) C-style - (2) Port @ Sides in Straight-Thru pattern, (1) Port @ Bottom/Centered

**Material:** Die cast Copper-free Aluminum
**Finish:** Electrostatic Powder Epoxy/Polyester Coating
**Gasket: Neoprene O-ring**

**Ground Screw:** Green, Included

**Hub Size: 1/2" NPT Threaded**

**Ratings**

Class I, Divisions 1 & 2, Groups B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups F, G
Class III, Divisions 1 & 2
NEMA 3, 4 X, 7 (C, D), 9 (E, F, G)
NRTL Listed to UL 886

NRTL Listed to UL 1203

NRTL Listed to CAN/CSA-C22.2 No. 30

**Special Orders - Special Requirements**

Contact us for special requirements

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**The Larson Electronics EPJ-CBA-TCJ-50 Explosion Proof Junction Box is designed for use in Class I, II and III rated facilities. This Type C-J conduit body contains three, 1/2" NPT threaded hubs and top-located nubs on the cover for easy access with tools. Constructed of die-cast**

**copper-free aluminum, a durable powder coated finish helps the junction box withstand corrosive substances, moisture and exposure to debris. This junction box comes with a neoprene O-ring gasket and a green ground screw.**

The EPJ-CBA-TCJ-50 provides protection for conduits and access to electrical components in combustible locations. This 3-port unit offers 15 cubic inches of volume. The cover opening measures 3.27" (83 mm) and features top-located nubs for unscrewing with tools. The junction box is constructed of die-cast copper-free aluminum with an electrostatic powder epoxy/polyester coating for resistance to corrosion and rugged elements. Equipped with a neoprene O-ring gasket, the unit comes with a green ground screw. This explosion proof device is rain-tight and suitable for use in wet locations.

**Hubs:** This NEMA rated unit has three, 1/2" NPT threaded hubs.

**Applications:** Petroleum refineries, chemical and petrochemical plants, storage areas, and other processing facilities where hazardous substances are handled or stored.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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# Frequently Asked Questions (FAQ)

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GRD

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**Export Control Classification Number (ECCN):** EAR99

Links (Click on the below items to view):

- **HigResPic1**
- **HigResPic2**
- **HigResPic3**
- **HigResPic4**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**