

EPPB-TWB-10.14.06-480V-30KVA-MSTR-R1

Explosion Proof Splitter Junction Box - Class I, II, III - 480V - (3) Input, (6) Output Terminals - N3R

Product ID: 272697

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.

EPPB-TWB-10.14.06-480V-30KVA-MSTR-R1 Explosion Proof Splitter Junction Box

Listing: NRTL Listed for United States and Canada

Dimensions: 19.25"L 15.25"W x 8.90"H

Weight: -

Voltage: 480V AC

Combined Power: 30 KVA Between Two 15 KVA Transformers

Input Terminals: (3) - One Input Terminal per Phase

Output Terminals: (6) - Two Output Terminals per Phase

Configuration/Type: Feed Through Screw Terminal Blocks

Protection: End Caps

Ambient Operating Temp Range: -

Materials: Copper-free Aluminum

Mounting: Din Rail Mount

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Features/Ratings

Class I, Divisions 1 & 2, Groups B, C, D
Class I, Zones 1 & 2, Groups IIB+H2, IIA
Class II, Divisions 1 & 2, Groups E, F, G
Class III, Divisions 1 & 2
NEMA Type 3, 4, 4X

Special Orders - Special Requirements

Contact us for special requirements

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The EPPB-TWB-10.14.06-480V-30KVA-MSTR-R1 from Larson Electronics is an Explosion Proof Splitter Junction Box, which can be used in Class I, II and III rated work sites. Equipped with nine terminals, the unit operates on 480V AC and is capable of powering two 15 KVA transformers in parallel. The explosion proof device is protected by a NEMA 3R rated copper-free aluminum housing.

The EPPB-TWB-10.14.06-480V-30KVA-MSTR-R1 is designed for power distribution

connections in combustible facilities. This splitter junction box caters to a single input, which powers two 15 KVA transformers in parallel. The combined power source between the two transformers is 30 KVA. Compatible with 480V AC, the unit has three input terminals (one input terminal per phase) and six output terminals (two output terminals per phase). The explosion proof unit is constructed of copper-free aluminum and comes with end caps. This explosion proof junction box is NEMA 3R rated, for indoor and outdoor use and provides a degree of protection against dirt, water, and ice.

Mounting: The EPPB-TWB-10.14.06-480V-30KVA-MSTR-R1 is compatible with din-rail mounting requirements.

Suggested Applications: Paint spray booths, aircraft maintenance, oil drilling rigs, refineries, solvent and cleaning areas, chemical manufacturing, waste treatment plants, gas processing plants and more.

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.

Frequently Asked Questions (FAQ)











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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 3, Misc](#)
- [MSDS \(Material Safety Data Sheet](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
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