

EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1

Explosion Proof Panelboard - Class I, II, III - 3P4W, 480Y/277V - 100A Main Breaker - (2) 40A 2P, (1) 20A 2P, & (10) 10A 1P Breakers

Product ID: 331775

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



Image: EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1

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-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1 Explosion Proof Panelboard

Unit Type: Explosion Proof Lighting Panelboard

Dimensions: -

Weight: -

Primary Voltage: 480Y/277V, 3PH

Panel Type: Main Circuit Breaker

Main Panel Amp Rating: 100 Amps

Configuration: 3 Pole, 4 Wire

Circuit Panel: -

Breakers: (2) 40A 2P, (1) 20A 2P, & (10) 10A 1P

Ground Bar: Internal Ground Terminal

Bus Materials: Copper

Ground Materials: Copper

Housing Materials: Copper-free Aluminum

Finish: Aluminum Lacquer Paint

Mount: Wall or Surface

Hubs: -

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

Ratings/Approvals

Class I, Groups B, C, D

Class I Zone 1, AE x d IIB

Class II, Groups E, G

Class III

Ex d IIB+H2

NEMA Type 4X, 7, 9 - IP66

Special Orders - Special Requirements

Contact us for special requirements

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The EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1 Explosion Proof Panelboard offers circuit management and protection in hazardous locations and indoor/outdoor work sites. The 100-amp rated main breaker panel is compatible with three-phase 480Y/277V AC and comes with thirteen breakers. This explosion proof panel is constructed of copper-free aluminum.

The EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1 is a rugged main circuit breaker panel for applications in hazardous locations and explosive work sites. This unit comes with a 100-amp rating and supports three-phase 480Y/277V AC. Equipped with a 3-pole, 4-wire configuration, the main breaker panel is furnished with a heavy-duty operating handle. Operators can access a total of thirteen breakers on the explosion proof panelboard. The breakers are configured as follows: (2) 40 amp, two pole breakers, (1) 20 amp, two pole breaker, and (10) 10 amp, one pole breakers.

This unit is constructed of copper-free aluminum and is finished in aluminum lacquer paint. The NEMA-rated explosion proof panelboard carries an IP66 waterproof rating.

Mount: The EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1 is compatible with wall or surface mounting configurations.

Applications: Hazardous locations, oil and gas facilities, petroleum refineries, chemical processing, lighting systems, overcurrent protection, short circuit protection and more.

Larson Electronics is a manufacturer and as such can build transformers to your specifications. Although we carry several models of power distribution transformers, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com



Frequently Asked Questions (FAQ)

There are no Fags



Image: EPPB-3P4W-480Y.277-100AMB-2X40.2-1X20.2-10X20.1

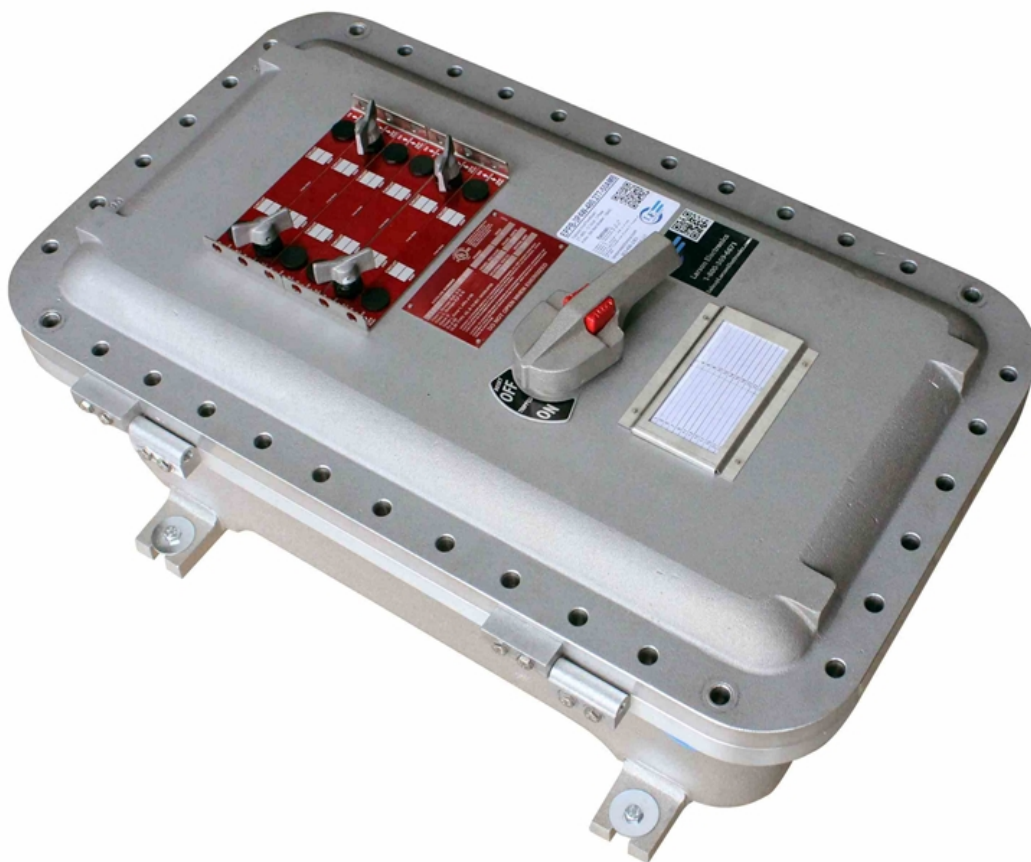


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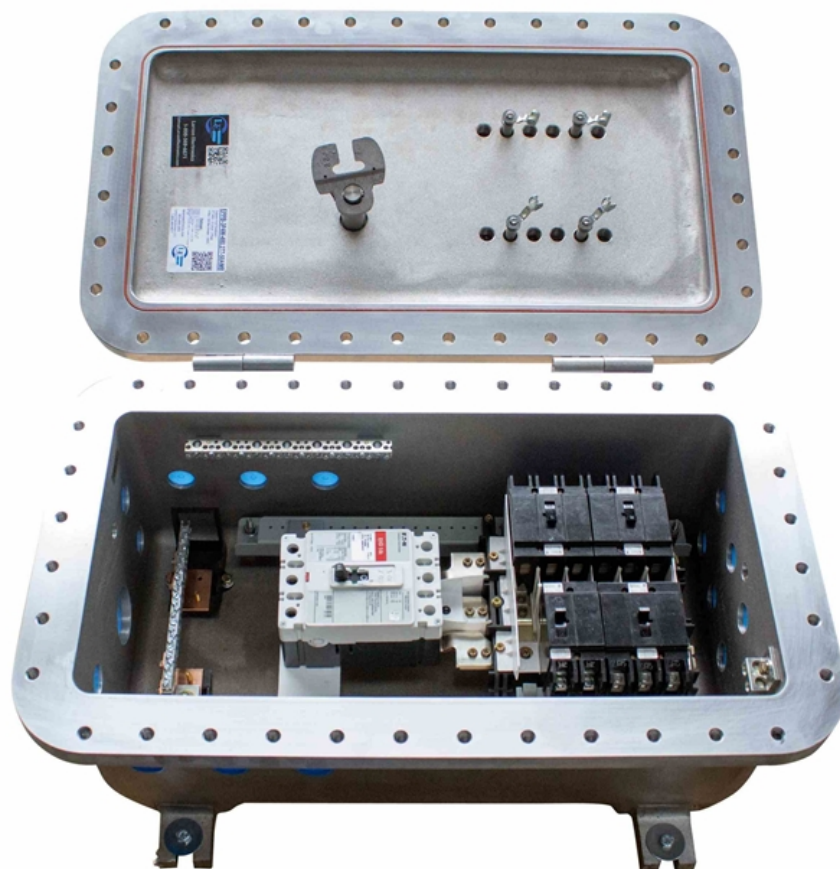


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Export Control Classification Number (ECCN): EAR99

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- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/331775.JPG>)
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- **HigResPic5**(<https://www.larsonelectronics.com/images/product/HigResPic5/331775.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=LCY0u15ez4s>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
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