Larson Electronics LLC
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EPPB-3P4W-225AMB-4X40A

Explosion Proof Panelboard - C1D1/2 - 230-400V AC 3PH - 225A MCB - (4) 3P 60A 65kAIC Breakers

Product ID: 342735

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



Image: EPPB-3P4W-225AMB-4X40A

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-225AMB-4X40A Explosion Proof Panelboard

Unit Type: Explosion Proof Lighting Panelboard
Dimensions: -
Primary Voltage: 230-400V AC 3PH 60 Hz
Main Panel Amp Rating: 225A
Configuration: 3 Pole 4 Wire
Main Disconnect: (1) 3P, 225A, 65kAIC, UL 489 Circuit Breaker with External Handle Mechanism
Branch Breakers: (4) 3P, 60A, 65kAIC Circuit Breakers
Power Distribution: Power Distribution Block on load side of main breaker, feeding four branch breakers
Temp Rating: -20ºC to +60ºC
Materials: Copper Free Aluminum, SS Hardware
Finish: Aluminum Lacquer Finish
Mount: Surface
Wire Size: 4/0 AWG (Input), 1/0 AWG (Ground)
Hubs: (1) 1.5" NPT (Top), (9) 3/4" NPT (Bottom)

Ratings/Approvals

Class I, Div 1&2 Groups B,C,D
Class I, Zones 1&2 Groups IIB+H2, IIA
Class II, Div 1&2 Groups E,F,G
Class III, Div 1&2
NEMA 4X, 7 (IP66)

CENELEC/ATEX/IEC - Ex

Ex d IIB + H2 T5 or T6

Ex tD A21 IP66

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

*All grounding shall comply with state and local codes and meet the minimum requirements

of the National Electronic Code section 250*

The EPPB-3P4W-225AMB-4X40A from Larson Electronics is an Explosion Proof Power Distribution Panelboard designed for Class I, Division 1 & 2 and Class II, Division 1 & 2 hazardous locations. The 3-pole, 4-wire panelboard features a primary voltage of three-phase 230-400V AC 60 Hz and a 225-amp rated main panel. Constructed of copper-free aluminum with stainless steel hardware, the IP66-rated unit is designed for surface mounting in demanding industrial environments.

The EPPB-3P4W-225AMB-4X40A is suitable for circuit protection and power distribution in hazardous locations. This unit features a primary voltage of three-phase 230-400V AC 60 Hz and is equipped with one, 225-amp, 3-pole, 65kAIC UL 489 main circuit breaker with an external handle mechanism. On the load side of the main breaker, a power distribution block (PDB) distributes power to four, 3-pole, 60-amp, 65kAIC circuit breakers. Eaton circuit breakers are preferred for the main and branch circuit protection. The panel provides a 3-pole, 4-wire configuration for reliable three-phase power distribution and circuit protection.

This explosion proof panelboard is constructed of copper-free aluminum, with stainless steel hardware. Equipped with aluminum closing plugs, the unit is finished in aluminum lacquer for durability. The IP66-rated panelboard is approved with the following explosion proof ratings: Class I, Divisions 1 & 2 Groups B, C, D; Class II, Divisions 1 & 2 Groups E, F and G; and Class III.

Mounting/Hubs: The EPPB-3P4W-225AMB-4X40A can be mounted on flat surfaces. One, 1.5" NPT hub located the top of the unit and nine, 3/4" NPT hubs located at the bottom of the enclosure are available for completing connections.

Applications: Industrial facilities, hazardous locations, offshore refineries, marine locations, indoor/outdoor spaces, agricultural sites, shipyards, docks and other hazardous-area power distribution applications.

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

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Frequently Asked Questions (FAQ)

There are no Faqs

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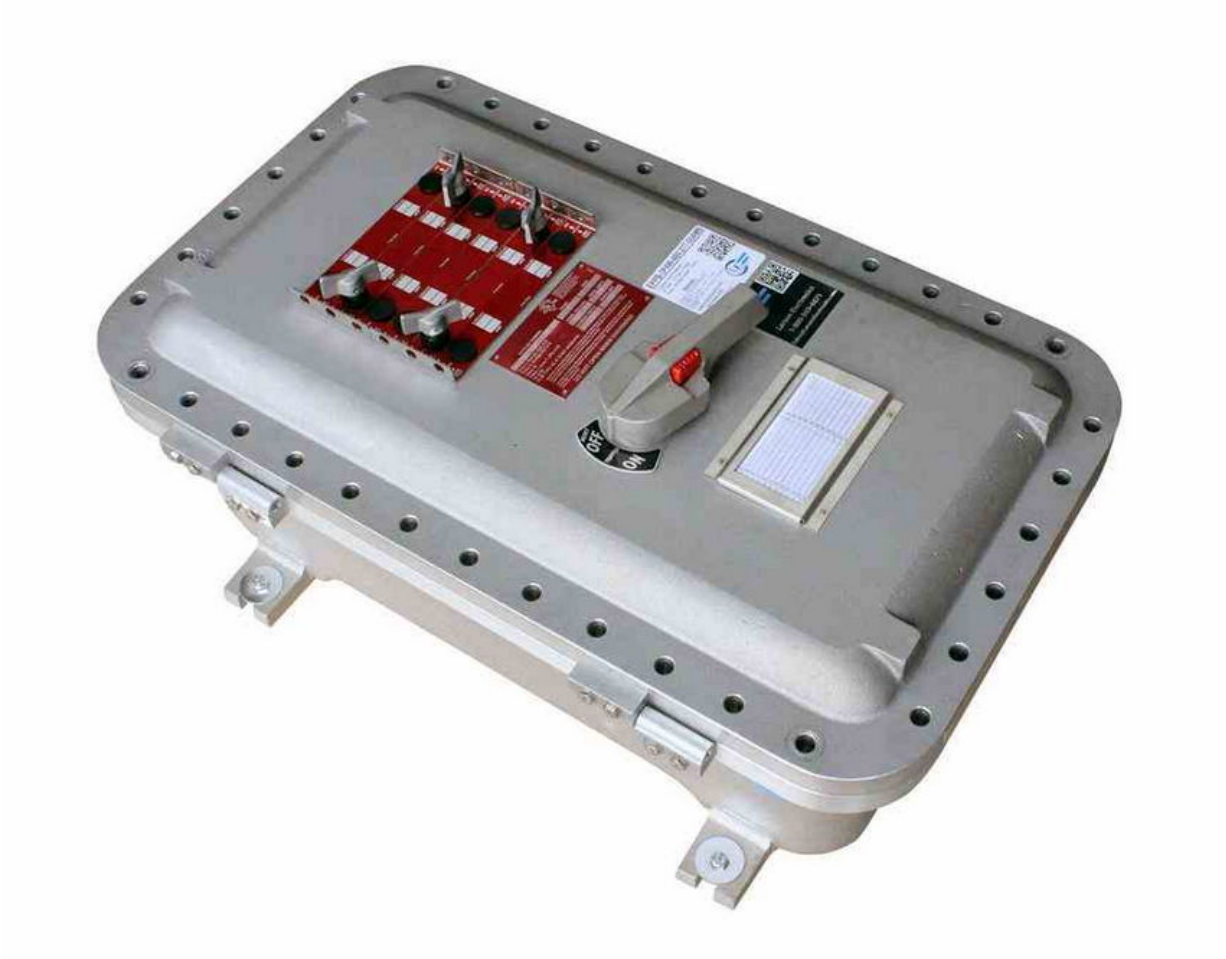

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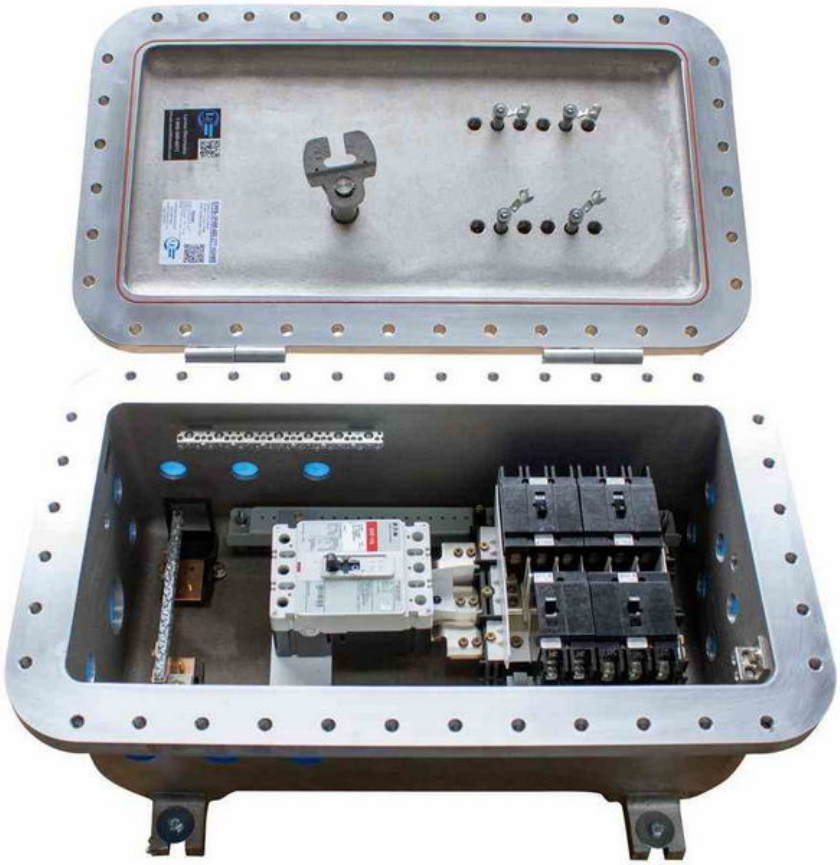

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Export Control Classification Number (ECCN): EAR99

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