

Explosion Proof Panelboard - 3P4W 120/240V - 100A Main - (3) 20A 1P (1) 15A 1P (1) 20A 2P Breakers

Part #: EPPB-3P4W-3X20A.1P-1X15A.1P-1X20A.2P



The EPPB-3P4W-3X20A.1P-1X15A.1P-1X20A.2P is an explosion proof lighting panelboard that is designed for Class I, Divisions 1 & 2 and Class II, Divisions 1 & 2 industrial facilities. This panelboard is rated at 120/240V single phase, has a 3-pole 4-wire configuration and features a 100-amp main breaker rating with three, 20-amp single phase; one, 15-amp single phase; and one, 20-amp two phase branch breakers.

The EPPB-3P4W-3X20A.1P-1X15A.1P-1X20A.2P is suitable for circuit protection in hazardous locations. This unit features a primary voltage of 120/240V single phase and contains 24 branch circuit breaker spaces (maximum). Taking on a 3-pole 4-wire configuration, the explosion proof panel board consists of three, 20-amp single phase; one, 15-amp single phase; and one, 20-amp two phase branch breakers. The main breaker amp rating on this unit is 100 amps.

This explosion proof panelboard is constructed of copper-free aluminum, while the cover bolts are stainless steel. A corrosion resistant, NEMA 4X breather and drain is available to reduce internal condensation. This component also protects the unit from the ingress of rain and hose water. The IP65-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, G; and Class II.

Applications: Industrial facilities, hazardous locations, offshore refineries, marine locations, indoor/outdoor spaces, agricultural sites, ship yards, docks 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

Specifications / Additional Information

EPPB-1P-120.240-50AMB-5X5A Explosion Proof Panelboard

Type: Explosion Proof Lighting Panelboard

Primary Voltage: 120/240V 1P

Main Breaker Amp Rating: 100 Amps

Configuration: 3 Pole 4 Wire

Branch Breakers: (3) 20A 1P, (1) 15A 1P, (1) 20A 2P

Materials: Copper-free Aluminum

Gasket Material: Neoprene

Finish: Aluminum Lacquer Paint

Ratings/Approvals

Class I, Div 1 & 2 Groups B, C, D

Class I, Zone 1 & 2 IIB + H2

Class II, Div 1 & 2 Groups E, F, G

Class III

NEMA 4X, 7, 9, 12

IP65

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-498-3363

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

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Links (Click on the below items to view):

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- [Hi-Res Image 2 - Explosion Proof Panelboard Front](#)
- [Hi-Res Image 3 - Explosion Proof Panelboard Angle](#)
- [Hi-Res Image 4 - Explosion Proof Panelboard Interior](#)
- [Hi-Res Image 5 - Explosion Proof Panelboard Side](#)