

EPL-AEP-1XSB-3XPNL-MOD1

Explosion Proof Panel Kit - C1D2 - 480V - (1) Main Switchboard, (3) MLO Panelboards w/ Breakers - N4X

Product ID: 236371

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.

EPL-AEP-1XSB-3XPNL-MOD1 Explosion Proof Panel Kit- NEMA 4X

Listing: United States, Canada

Unit Type: Explosion Proof Panel Kit

Dimensions: -

Weight: -

Voltage: 480V AC

Main Switchboard: 3000A w/ (3) 1200A Panelboard Interiors Inside (1) Purged Enclosure - N4X

Main Switchboard Protection: Main Breaker w/ 120V Shunt Trip, Purged System

Panelboard 1: 1200A 480V MLO N4X

Panelboard 1 Breakers: (2) 150A, (2) 100A, (5) 80A, (6) 60A, (1) 30A

Panelboard 2: 1200A 480V MLO N4X

Panelboard 2 Breakers: (2) 125A, (2) 100A, (6) 80A, (4) 60A, (1) 30A

Panelboard 3: 1200A 480V MLO N4X

Panelboard 3 Breakers: (1) 125A, (1) 100A, (5) 80A, (5) 60A, (9) 30A

Panelboard Protection: 3P 35kAIC Branch Breakers, Purged System

Wiring: #4/0 AWG Type W, 4/0 Ground

Materials: Stainless Steel (Enclosure); Aluminum/316 Stainless Steel (Pressurization Device)

Mount: Surface/Wall, Back Panel

Summary

Class I, Division 2, Groups A,B,C,D
NEMA 4X

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

Color: Natural

E-mail: sales@larsonelectronics.com

The EPL-AEP-1XSB-3XPNL-MOD1 from Larson Electronics is an Explosion Proof Panel Kit for use in rugged work sites requiring protection from combustible compounds. This NEMA 4X rated unit contains one, main explosion proof switchboard protected by a purged enclosure and three, explosion proof panelboards with 3-pole, 35kAIC branch breakers. The system operates on 480V AC and is compatible with wall and surface mounting applications.

The EPL-AEP-1XSB-3XPNL-MOD1 is designed for electrical systems in Class I, Division 2 rated sites. This explosion proof panel kit consists of one main explosion proof switchboard with a purging system and three explosion proof panelboards. Capable of operating on 480V AC, the NEMA 4X main switchboard is equipped with three, 1200-amp panelboard interiors protected by a main breaker with 120V shunt trip which is activated should purge pressurization fail or become compromised. The main switchboard feeds three, 1200A main lug only panelboards with 3-pole 35kAIC branch breakers and purging system.

The first NEMA 4X explosion proof panelboard is equipped with the following breakers: (2) 150A, (2) 100A, (5) 80A, (6) 60A and (1) 30A. The second NEMA 4X explosion proof panelboard is equipped with the following breakers: (2) 125A, (2) 100A, (6) 80A, (4) 60A and (1) 30A. The third NEMA 4X explosion proof panelboard is equipped with the following breakers: (1) 125A, (1) 100A, (5) 80A, (5) 60A and (9) 30A.

An included pressurization device enables the explosion proof system to be used in Class I, Division 2 rated environments. A NEMA 4X rating indicates that the explosion proof system provides a degree of protection against the ingress of water and debris, provides additional protection against corrosion and that the enclosure will not be damaged by external formation of ice.

Mounting: The EPL-AEP-1XSB-3XPNL-MOD1 is compatible with wall, back panel or surface mounting applications.

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)



EPL-AEP-1XSB-3XPNL-MOD1

Product ID: 236371

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)