

C1D2 Hazardous Location Purge Panel - 48" x 36" x 12" - Fiberglass, NEMA 4X

EPL-AEP.Z-FG-48.36.12-N4X

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



EPL-AEP.Z-FG-48.36.12-N4X Hazloc Purge Panel

Listing: NRTL Listed for United States, Canada, European Union, International

External Dimensions: 48" x 36" x 12"

Weight: -

Maximum Power: 26W

System Type: Purge/pressurize System

Mechanical Resistance: Impact Energy 7 Nm

Amps: -

Ambient Temp: -

Operating Temp: -

Body and Cover Material: Fiberglass

Cover Type: Continuous Hinge w/ Twist-lock Latch

External Ground Lug: -

Backplate: -

Gasket Material: Poured Seamless Gasket

Mounting: Surface or Wall

Maximum Conduit/Gland Openings: -

Custom Options (Not Included): Panel ID Tag 316 SS, Tamperproof Latches, Key Latches, Copper Ground/Earth Bars, Hubs (Size and Location), Glands, Backplate, Terminals and More

Ratings

Class I, Division 2 Groups A,B,C,D

Class I, Zones 1&2 Groups IIA,IIB,IIC

Class II, Groups E,F,G

Class III

ATEX/IECEx Rated

Ex e IIC Gb, Ex i IIC Gb

Ex tb IIIC Db IP66

Ex tb / Zone 21&22 AEx tb IIIC

T80C /T100C/T130C Db IP66

NEMA 4X

Special Orders- Requirements

Contact us for special requirements

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The EPL-AEP.Z-FG-48.36.12-N4X from Larson Electronics is a Hazardous Location Purge Panel that provides operators with a reliable way to hold and protect non-hazardous equipment in flammable environments. This IP66-rated purge/pressurize system is ideal for Class I, Division 2 sites, as well as ATEX/IECEx-rated environments and indoor or outdoor applications where flammable vapors, gases, or dust exist or stand the potential to exist.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO EXPLOSION PROOF ENCLOSURES

The EPL-AEP.Z-FG-48.36.12-N4X offers protection for non-hazardous equipment in Class I, Division 2 and ATEX/IECEx rated combustible sites. Equipped with a hinged cover, this unit measures 48" x 36" x 12". The heavy-duty purge system is constructed of fiberglass and features continuous hinge twist-lock latches. A NEMA 4X waterproof rating indicates that the hazardous location device provides a degree of protection against the ingress of dust, dirt and fibers as well as resistance against the harmful and corrosive effects of water spray, sleet, snow and rain. This level of protection also prevents damage caused by the formation of

ice. The IP66 rating associated with the unit offers complete dust tight protection and deters damage caused by powerful jets (12.5 mm nozzle) from all angles. The hazardous location unit can be customized with the following components: panel ID (316 stainless steel), tamperproof latches, key latches, copper ground/earth bars, hubs (quantity/location), glands, backplates, terminals and more.

Mounting: The EPL-AEP.Z-FG-48.36.12-N4X is compatible with surface or wall mounting applications.

Applications: Offshore rigs, sewage and wastewater treatment plants, coal plants, gas facilities, paper mills, grain facilities, marine sites, docks, pumping stations, food processing and any other sites where a hazardous location or ATEX-rated device is needed.

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)

Links (Click on the below items to view):

- [HigResPic1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)