

Hazloc Stainless Steel Junction Box - 36" x 24" x 10" External Dims - C1D2, ATEX/IECEX - N4X, IP66

Part #: [EPL-AEH-SS-36.24.10-N4X-BP](#)



The EPL-AEH-SS-36.24.10-N4X-BP from Larson Electronics is a Hazardous Location Stainless Steel Junction Box that provides operators with a rugged enclosure that is designed to hold and protect equipment in flammable environments. This IP66-rated enclosure 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 dusts exist or stand the potential to exist.

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

The EPL-AEH-SS-36.24.10-N4X-BP offers protection for equipment in Class I, Division 2 and ATEX/IECEx rated combustible sites. Equipped with a hinged cover that is concealed and contains removable pins, this junction box measures 36" x 24" x 10" (external dimensions). Internal dimension measurements include 34.93" x 22.93" x 9.74". The enclosure accepts a maximum power of 40 watts and includes an external ground lug and backplate.

The heavy-duty junction box is constructed of 316 stainless steel, with 316 stainless steel hardware and a one-piece, high temperature silicone gasket. A NEMA 4X waterproof rating indicates that the hazardous location enclosure 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 enclosure offers complete dust tight protection and deters damage caused by powerful jets (12.5 mm nozzle) from all angles.

The hazardous location stainless steel junction boxes in this series 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.

Hubs: This enclosure features a maximum conduit opening of 4" NPT (M100).

Mounting: The EPL-AEH-SS-36.24.10-N4X-BP is compatible with surface or wall mounting applications via four bi-directional removal mounting lugs at the back of the unit.

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 enclosure 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.

Specifications / Additional Information

EPL-AEH-SS-36.24.10-N4X-BP ATEX Rated Junction Box

Listing: United States, Canada, European Union, International

Internal Dimensions: 34.93"-H x 22.93"-W x 9.74"-D

External Dimensions: 36"-H x 24"-W x 10"-D

Distance Between Mounting Lugs: 9.74", 35.20", 8.15", 27.63"-
Depending on Direction of Lug

Weight: 70 lbs

Maximum Power: 40W

Mechanical Resistance: Impact Energy 7 Nm

Ambient Temp: -20°C to +40°C

Operating Temp: -20°C to +85°C

Cover Type: Hinge - Concealed, Removable Pins

External Ground Lug: Included

Backplate: Included

Body and Cover Material: 316 Stainless Steel

Gasket Material: One-piece High Temp Closed Cell Silicone

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

Type 3, 4 & 4X

Special Orders- Requirements

Contact us for special requirements

Phone: 1-214-616-6180

Mounting: Surface or Wall

Toll Free: 1-800-369-6671

Maximum Conduit/Gland Openings: 4" NPT (M100)

Fax: 1-903-498-3364

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

E-mail: sales@larsonelectronics.com

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This product does not qualify for free shipping.

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Links (Click on the below items to view):

- [Hi-Res Image 1 - ATEX Rated Stainless Steel Enclosure](#)