

HLP-EX-20A-2P3W-24VDC

Hazardous Location Plug, 2-Pole 3-Wire, 20 Amp, 24V DC, C1D2 ATEX IEC-Ex Rated

Product ID: 272824

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



Image: HLP-EX-20A-2P3W-24VDC

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.

HLP-EX-20A-2P3W-24VDC Hazardous Location Rated Plug

Listing: NRTL Listed for North America, Europe, Brazil, Korea & International Locations

Device Series: IEC 60309 (International Standard)

Device Type: Hazardous Location Plug

Dimensions: 6.83"-L x 3.99"-W x 3.99"-H

Weight: -

Amperage Rating: 20A

Voltage: 24V DC

Frequency: 50/60 Hz

Phase: Single Phase

Configuration: 2P3W

of Poles: 2-Pole

of Wires: 3-Wire

Max Voltage Rating: 30V DC

Clock Hour: 10H

Color Code: White

Cord Range: .350 - .860

of Operations: > 5000 connects/disconnects under load, at full rated current and voltage

Minimum Withdrawal Force: 5lbs

Temperature Rise: Max +30°C at full-rated current after 50 cycles of OL at 150% rated current

Operating Temperature Range: -55°C to +65°C

Ratings/Approvals

NEC, CEC, ATEX, IEC Ex Rated

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

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

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

Class III, Divisions 1 & 2

Approved for Zone 1 and 2

Approved for Zone 21 and 22

Ex db eb IIC T6 Gb

Ex tb IIIC T80 °C Db

Ex II 2 G Ex db eb IIC T6 Gb

Ex II 2 D Ex tb IIIC T80 °C Db

NRTL Certified to IEC 60079

NRTL Certified to EN 60079

CE Certified

RoHS Certified

NEMA 3, 4, 4X

IP66 Weatherproof

Compatible with IEC 60309 Compliant Products

Certified for Full Load Interrupting



Waterproof Rating: IP65, NEMA 4X
Shock Resistance: IK09
Flammability: V-2 Rated
Cable Secureness: "Force: 30lb; Torque: 0.4 ft-lb; Max Disp: <= 3/32"
Seals: Neoprene
Material, Housing Body: Polyamide
Material, Housing Cover: Polyamide
Material, Contacts: Brass
Material, Contact Carrier: Nylon
Material, External Screws: Acid-Proof Stainless Steel
Material, Internal Screws: Stainless Steel
Material, Phase/Ground Sleeves: Brass
Material, Sleeve Spring: Stainless Steel
Material, Terminal Screws: Stainless Steel
Shipping Dimensions: -
Shipping Weight: -

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

The Larson Electronics HLP-EX-20A-2P3W-24VDC Hazardous Location Pin and Sleeve Plug is a Class 1, Division 2 and Class 2, Divisions 1 & 2 rated cord cap approved for use in hazardous environments where flammable or explosion gases, vapors, or dusts stand the potential to exist and where flammable dusts, fibers, or flyings exist. This 2-pole, 3-wire plug is designed to provide a secure connection for electrical equipment within the hazardous location. This plug is certified for NEC, CEC, ATEX, and IEC Ex rated hazardous locations.

This hazardous location 2-pole 3-wire pin and sleeve plug is compatible with our HLO-EX-20A-2P3W-24V hazardous location power receptacles. This plug is rated for 20 amps and is suitable for Class I, Division 2, Class II, Divisions 1 & 2, Zones 1 & 2, and Zones 21 & 22 locations. With NEMA Type 3, 4, 4x and IP66 ratings, this plug is suitable for outdoor, marine and wet location. This hazardous location plug features polyamide construction, a 20 amp current rating, and is operates on 24V DC. This plug is coded white to indicate its voltage rating and ground pin position of 10. The color coding of these units makes it impossible to connect different voltages and current ratings, to ensure safe power connection.

Suggested Applications: Chemical and pharmaceutical manufacturing, petrochemical operations, offshore applications, coal mining and other refinery or industrial operations.



Frequently Asked Questions (FAQ)

There are no Faqs



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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**(<https://www.larsonelectronics.com/images/product/ATEXCert/272824.PDF>)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(<https://www.larsonelectronics.com/images/product/CECCert/272824.PDF>)
- **CE Certificate**(<https://www.larsonelectronics.com/images/product/CECert/272824.PDF>)
- **Certificate 1, Misc**(<https://www.larsonelectronics.com/images/product/Cert1/272824.PDF>)
- **Dimensional Drawing 2D**(<https://www.larsonelectronics.com/images/product/DimensionalDrawing/272824.PDF>)
- **IEC Ex Certificate (International Explosion Proof)**(<https://www.larsonelectronics.com/images/product/IECExCert/272824.PDF>)
- **INMETRO Certificate (Brazil)**(<https://www.larsonelectronics.com/images/product/INMETROCert/272824.PDF>)
- **Korean Certificate**(<https://www.larsonelectronics.com/images/product/KOCert/272824.PDF>)
- **KSA Certificate (Kingdom of Saudi Arabia)**(<https://www.larsonelectronics.com/images/product/KSACert/272824.PDF>)
- **RoHS Certificate (Restriction of Hazardous Substances)**(<https://www.larsonelectronics.com/images/product/RoHSCert/272824.PDF>)
- **STEP File (3D CAD Model)**(<https://www.larsonelectronics.com/images/product/Step/272824.ZIP>)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(<https://www.larsonelectronics.com/images/product/NECCert/272824.PDF>)
- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/272824.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/272824.JPG>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
- **Business Certificate**(<https://www.larsonelectronics.com/images/pdfdocs/w9.PDF>)
- **Shipping Time Map**(<https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf>)