Larson Electronics LLC
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HLP-AE.EX-16A-2P3W-220V

Flameproof Pin and Sleeve Plug, 220V, 16 Amps, 2P3W - IECEx/ATEX Rated

Product ID: 243858

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



Image: HLP-AE.EX-16A-2P3W-220V

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-AE.EX-16A-2P3W-220V IECEx/ATEX Rated Plug

Listing: NRTL Listed for European, International Locations
Device Series: IEC 60309 (International Standard)
Device Type: Flameproof Plug
Dimensions: 6.93"-L x 2.99"-W x 2.99"-D
Weight: -
Amperage Rating: 16A
Voltage: 220V AC
Frequency: 50/60 Hz
Phase: Single Phase
Configuration: 2P3W
# of Poles: 2-Pole
# of Wires: 3-Wire
Max Voltage Rating: 250V AC
Clock Hour: 6H
Color Code: Blue
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

ATEX/IECEx Rated
Approved for Zone 1 and 2
Approved for Zone 21 and 22
Ex II 2 GD Ex db eb IIC T6
Ex II 2 Gb Ex tb IIIC T80□ Db□Ta≤ +45□□
Ex II 2 GD EX db eb IIC T5
Ex II 2 Gb EX tb IIIC T95C Db□Ta≤ +55□)
NRTL Certified to IEC 60079
NRTL Certified to EN 60079
CE Certified
RoHS Certified
IP66 Weatherproof
Compatible with IEC 60309 Compliant Products
Certified for Full Load Interrupting

Mating Plug: HLP-AE.EX-16A-2P3W-220V
Mating Receptacle: HLO-AE.EX-16A-2P3W-220V
Mating Connector: HLC-AE.EX-16A-2P3W-220V

IEC 60309 Configuration: 320P6W-HL

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: 1-903-498-3364
E-mail: sales@larsonelectronics.com

The Larson Electronics HLP-AE.EX-16A-2P3W-220V Single Phase Hazardous Location Plug is a ATEX and IEC Ex rated receptacle 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 hazardous location plug is rated for 16-amps at 220V AC and designed to provide a secure connection for electrical equipment within the hazardous location.

This hazardous location 2-pole 3-wire plug is compatible with our HLP-AE.EX-16A-2P3W-220V hazardous location power plugs. This outlet is rated for 16 amps at 220V AC and is certified to ATEX and IEC Ex standards for hazardous locations. This plug is coded blue to indicate its voltage rating and inner clock key pin position of 6. The color coding of these units makes it impossible to connect different voltages and current ratings, to ensure safe power connection. This hazardous location plug is compatible with non-hazardous location receptacles of the same IEC 60309 configuration, allowing hazardous location equipment wired with this plug to be powered in both hazardous and non-hazardous locations.

This hazardous location plug features polyamide construction and a voltage rating of 130V AC. With NEMA Type 3, 4, 4X and IP66 ratings, this plug is suitable for outdoor, marine and wet location. This hazardous location single phase plug has a 2 wire 16-10 AWG terminal capacity. This unit has a short circuit current rating of 10kA sym RMS and operates with a T6 ambient temperature rating of -50ºC to +65ºC.

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

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Frequently Asked Questions (FAQ)

There are no Faqs

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Links (Click on the below items to view):

- **ATEX Certificate (European Explosion Proof)**(https://www.larsonelectronics.com/images/product/ATEXCert/243858.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/243858.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/243858.PDF)
- **IEC Ex Certificate (International Explosion Proof)**(https://www.larsonelectronics.com/images/product/IECExCert/243858.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/243858.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/243858.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/243858.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/243858.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/243858.JPG)
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