

## HLO-EX-30A-3P4W-480V.3P

**Hazardous Location Receptacle, 3-Pole 4-Wire, 30 Amp, 480V AC 3PH, C1D2 ATEX IEC-Ex Rated**

**Product ID: 149943**

**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.

### HLO-EX-30A-3P4W-480V.3P 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:** 11.1"-L x 8.15"-W x 5.3"-D

**Weight:** ~.5 lbs

**Amperage Rating:** 30A

**Voltage:** 480V AC

**Frequency:** 50/60 Hz

**Phase:** Three Phase

**Configuration:** 3P4W

**# of Poles:** 3-Pole

**# of Wires:** 4-Wire

**Max Voltage Rating:** 500V AC

**Clock Hour:** 7H

**Color Code:** Red

**Cord Range:** -

**# 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

**Waterproof Rating:** IP65, NEMA 4X

**Shock Resistance:** IK09

### 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

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

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Fax: 1-903-498-3364

E-mail: [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

**The Larson Electronics HLO-EX-30A-3P4W-480V.3P Three Phase Hazardous Location Receptacle is a Class 1, Division 2 and Class 2, Divisions 1 & 2 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 3-pole, 4-wire outlet is designed to provide a secure connection for electrical equipment within the hazardous location. This receptacle is certified for NEC, CEC, ATEX, and IEC Ex rated hazardous locations.**

This hazardous location 3-pole 4-wire receptacle is compatible with our HLP-EX-30A-3P4W-480V.3P hazardous location power plugs. This outlet is rated for 30 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 30 amp current rating, and is operates on 480V AC 3P. This receptacle is coded red to indicate its voltage rating and ground pin position of 7. The color coding of these units makes it impossible to connect different voltages and current ratings, to ensure safe power connection.

This single phase receptacle contains a 20 horsepower disconnect switch. The circuit cannot be energized until the plug is inserted and the switch is turned to the on position, and an interlocking switch mechanism feature prevents accidental removal of the plug from the receptacle during operation. The switch can be padlocked in the on or off position.

This hazardous location outlet features polyamide construction and a maximum voltage rating of 250V AC @ 50/60 Hz. With NEMA Type 3, 4, 4x and IP66 ratings, this receptacle is suitable for outdoor, marine and wet location. This hazardous location single phase receptacle has a 2 wire 14-8 AWG terminal capacity and a 1" NPT bottom entry. This unit has a short circuit current rating of 10kA sym RMS and operates with a T6 ambient temperature rating of -50°C to +55°C.

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

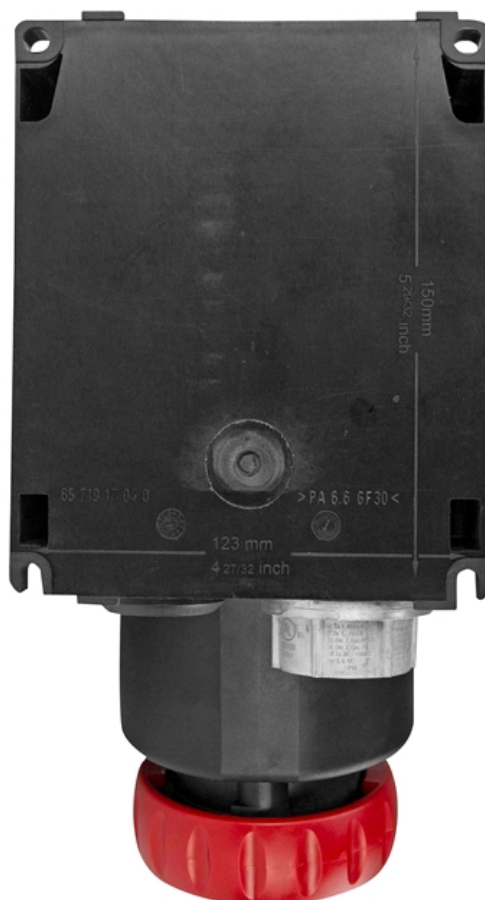
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## Frequently Asked Questions (FAQ)











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**HLO-EX-30A-3P4W-480V.3P**

**Product ID: 149943**

**Export Control Classification Number (ECCN): EAR99**

Links (Click on the below items to view):

- [ATEX Certificate \(European Explosion Proof\)](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [IEC Ex Certificate \(International Explosion Proof\)](#)
- [INMETRO Certificate \(Brazil\)](#)
- [Korean Certificate](#)
- [KSA Certificate \(Kingdom of Saudi Arabia\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [ISO 9001 Certification](#)
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