Larson Electronics LLC
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HLO-EX-32A-4P5W-480Y.277

Explosion Proof Receptacle - C1D2/C2D1 - 480/277V 3PH - 32 Amps - 4-pole, 5-wire - IP66

Product ID: 271313



Image: HLO-EX-32A-4P5W-480Y.277

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.

Specifications / Additional Information

HLO-EX-32A-4P5W-480Y.277 Explosion Proof Receptacle

Listing: United States, Canada, EU, International
Unit Type: Explosion Proof Receptacle
Dimensions: 11.1" x 8.15" x 5.3"
Weight: 4.5lbs
Voltage: 480/277V AC, 3PH
Amps: 32A
HP (3 Phase): 20 HP @ 480V AC
Configuration: 4-pole, 5-wire (3P + N + E)
Compatibility: -
Ambient Operating Temp: -50°C - +55°C
Materials: Polyamide
Terminal Capacity: 2 Wires, 14 to 8 AWG
Hubs: (1) 1" NPT Hub

Ratings/Approvals

Class I, Division 2 Groups A,B,C,D
Class I, Zones 1&2 Ex de IIC T
Class II, Divisions 1&2 Groups E,F,G
Class III
NEMA 3,4,4X, IP66
PTB 04 ATEX 1060

Special Orders - Special Requirements

Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics HLO-EX-32A-4P5W-480Y.277 Explosion Proof Receptacle is recommended for use in Class I, Division 2; Class I, Zones 1 & 2; Class II, Divisions 1 & 2; and Class III work sites. This 32-amp rated outlet comes in a 4-pole, 5-wire configuration with three-phase 480/277V AC compatibility. Constructed of polyamide, the NEMA-rated unit features IP66 protection.

The HLO-EX-32A-4P5W-480Y.277 is designed for secure electrical connections in hazardous

locations. This 4-pole, 5-wire receptacle is rated at 32 amps and is compatible with three-phase 480/277V AC. The NEMA-rated unit features non-metallic, fiber reinforced polyester construction and IP66-rated protection. Specially designed color coding and pin configuration reduces the possibility of making incorrect power connections.

Seals are not required when this explosion proof receptacle is used for Class I, Division 2 applications. A 1" NPT hub is available at the bottom of the outlet.

Applications: Manufacturing, industrial, warehouse, lighting, motor-generator sets, compressors, wet areas or locations where combustible dusts, fibers or flying are present or where explosive gases or vapors may be present.

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.

Certificate of Conformity

Manufacturer: Larson Electronics LLC
Address: 9419 US-HWY 175
Kemp, Texas 75143

Declare the following equipment conforms to the standard(s) as listed:

Model: HLP-EX, HLO-EX Series
Description: Hazardous Location Plugs and Receptacles

Evaluated Listings:

FM: 0R6A2.AX – NEC / United States standards
CSA: 1729614 (LR 99480) – CEC / Canada standards
PTB: PTB 03 ATEX 1227 **–** ATEX standards
PTB: IECEX PTB 05.0023 – IEC Ex standards
RACS: 200410799_E2004000983 – Emirates Conformity Assessment Scheme (ECAS) standards
UL: ULBR130267X – Brazilian standards
KGS: 18GA4BO0437X-0439X – Korean standards

The HLP-EX, HLO-EX Series is certified to NEC, CEC, ATEX, and IEC Ex standards for hazardous locations.

The HLP-EX, HLO-EX Series is comprised of a RStalh 8570/8571 series device. This may include custom mounting, equipped accessories, contact blocks, or factory wiring assemblies. This assembly is built to NEC, CEC, ATEX, and IEC standards for hazardous locations.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Certification

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Model: HLP-EX, HLO-EX Series
Description: Hazardous Location Plugs and Receptacles

Evaluated Listings:

CE: DIRECTIVE 2014/35/EU - LOW VOLTAGE DIRECTIVE
CE: DIRECTIVE 2014/30/EU - EMC DIRECTIVE
CE: Regulation (EC) No 1907/2006 - REACH REGULATION
CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

The HLP-EX, HLO-EX Series complies with the essential protection requirements of the European Parliament of the Council Directive for Low Voltage Directive, EMC Directive, REACH Regulation, and RoHS Directive. This certification applies to all specimens manufactured in accordance to the manufacture's drawings.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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CE: DIRECTIVE 2015/863/EU - ROHS DIRECTIVE

This is to certify that products offered by Larson Electronics LLC comply with the Reduction of Hazardous Substances (RoHS) directives. Directive 2002/95/EC became effective on 1 July 2006. It restricts the use of six substances in the manufacture of electrical and electronic equipment. This directive was revised in June 2011 and is now referred to as directive 2011/65/EU. Directive 2015/863/EU amending Annex II to Directive 2011/65/EU announced plans to add four substances from 22 July 2019.

We hereby certify that the equipment specified above conforms to the Directive(s) by containing less of the restricted substances than the stated limits.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Evaluated Listings:

CE: Regulation (EC) No 1907/2006 - REACH REGULATION

This letter establishes the opinion of Larson Electronics LLC regarding the status, under the current European Union (“EU”) Regulations on Registration, Evaluation, Authorization, and Restriction of Chemical Substances (“REACH”).

REACH does not apply to manufactured products which are referred to as “completed articles”. Substances (chemicals) are subject to REACH registration, NOT products.

In addition, Articles are exempt from the REACH requirements if (a) the Article does not contain a substance of very high concern or candidate substance in an amount exceeding 0.1% weight by weight, and (b) if substances present in the Article in excess of 1 ton per year per importer are not expected nor intended to be released.

Based on communication with our raw material suppliers, we conclude that to the best of our knowledge our products requiring REACH compliance do not contain any of the currently listed SVHC in concentrations of 0.1% or above.

Accordingly, we foresee no registration or pre-registration requirement for the products we supply.

Signed for and on behalf of: Larson Electronics, LLC
Place of issue: Kemp, TX

Signature: James Thomas

Name: James Thomas
Position: Operations Manager

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Frequently Asked Questions (FAQ)

There are no Faqs