Larson Electronics LLC
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ATEX-EPL-BZ-PL.R-STRB-PNL-1224

Flameproof LED Indicator Light and Buzzer Alarm - Red - 10-28V AC/DC - ATEX/IECEx - IP66

Product ID: 235090



Image: ATEX-EPL-BZ-PL.R-STRB-PNL-1224

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.

ATEX-EPL-BZ-PL.R-STRB-PNL-1224 Indicator Light w/ Buzzer

Listing: European Union, International
Lamp Technology: LED
Dimensions: 5.8"- L x 1.96" OD
Weight: 0.34 lbs
Voltage: 12-24V AC/DC (10V-28V AC/DC)
Frequency: 50/60 Hz
Total Watts: -
Total Lumens: -
Luminous Efficacy: -
LED Life Expectancy: 50,000+ Hours
Color Temp/Lamp Color: Red
Color Rendering Index: -
Lamp Type: -
Lamp Base: -
Replacement Lamp: -
Beam Angle: -
Lighting Configuration: Flashing
Power Efficiency: -
Power Factor: -
Sound Level: 60 dB @ 12"
Ambient Temp: -40°C to +45°C
Temp Rating: T4
Housing Material: Polyamide
Housing Finish: -

Ratings

ATEX/IECEx Rated
Ex Zone 1 & Zone 2
Ex Zone 21 & Zone 22
Ex eb ib mb IIC T4 Gb
Ex tb IIIC T130°C Db
Ex II 2 G D eb ib mb IIC T4 Gb
IP66

Special Orders - Special Requirements

Contact us for special requirements

Lens Material: -
Mounting: Panel Mount - 1.2" (30.6mm) Mounting Pitch
Connections: Terminals (2.5mm)
Cable Entry OD: 0.21" - 0.51" (5.5mm to 13mm)

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The Larson Electronics ATEX-EPL-BZ-PL.R-STRB-PNL-1224 Flameproof LED Indicator Light and Buzzer Alarm offers visual and audible notification in ATEX/IECEx rated explosive environments. This device provides a red, flashing light and 60 dB sound output. Constructed of polyamide, the LED indicator light is IP66 rated.

The flameproof LED indicator light with buzzer alarm is designed for Zone 1 & Zone 2 and Zone 21 & Zone 22 rated combustible sites. The low-voltage device operates on 12V and 24V AC/DC (10V-28V AC/DC) @ 50/60 Hz. When in use, the compact unit emits a red, flashing light. The buzzer alarm feature provides 60dB of output at a distance of 12" (30 cm). This LED indicator light with alarm is constructed of polyamide to deter sparking. An IP66 rating ensures waterproof protection in ATEX/IECEx rated facilities.

LED Benefits: Unlike gas burning and arc type lamps that have glass bulbs, LEDs have no filaments or fragile housings to break during operation and/or transportation. Instead of heating a small filament or using a combination of gases to produce light, light emitting diodes (LEDs) use semi-conductive materials that illuminate when electric current is applied, providing instant illumination with no warm up or cool down time before re-striking. Because there is no warm up period, this light can be cycled on and off with no reduction in lamp life.

LED lights run at significantly cooler temperatures than traditional metal halide and high pressure sodium lights and contain no harmful gases, vapors, or mercury, making them both safer and more energy efficient. No extra energy is wasted in cooling enclosed work areas due to external heat emissions from bulb type lights, and the operator risks associated with traditional lighting methods, such as accidental burns and exposure to hazardous substances contained in the glass bulbs, are eliminated. In addition, LEDs are also safer for the environment as they are 100% recyclable, which eliminates the need for costly special disposal services required with traditional gas burning and arc type lamps.

Wiring: The ATEX-EPL-BZ-PL.R-STRB-PNL-1224 is equipped with terminals (2.5mm) for completing electrical connections. Cable entry outer diameter range is 0.21" - 0.51" (5.5mm to 13mm).

Mounting: This flameproof LED light is compatible with panel mounting applications.

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.

Certification

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

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

Model: ATEX-EPL-BZ-XXX-XXX
Description: Flameproof Buzzer Alarm

Evaluated Listings:

Eurofins: EPT 16 ATEX 2404 U – ATEX Standards per Directive 2014/34/EU
IEC Ex: IECEx EUT 19.0003X – IEC Ex Standards per IEC 60079 Part 0, 11, 18, 31, 7

The ATEX-EPL-BZ-XXX-XXX comprised of a CZ Explosion Proof Appliance Co CZ1208 series device. This assembly is built to IEC Ex, ATEX and CE standards for hazardous locations and quality checked per ISO 9001:2015 standards.

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

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

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

Model: ATEX-EPL-BZ
Description: Flameproof Buzzer Alarm

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 ATEX-EPL-BZ 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 manufactures 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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Frequently Asked Questions (FAQ)

There are no Faqs