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ATEX-EPPH-229AH

Hazardous Area Telephone – ATEX Zone 1, Zone 2, Zone 21, Zone 22 - 24-56V DC

Product ID: 150545

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



Image: ATEX-EPPH-229AH

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-EPPH-229AH Area TeleIntl – ATEX Certified

Device Type: TeleIntl (Indoor)
Dimensions: 10.8” H x 9.6” W x 5.8” D
Modes: Quick Dial, Flash, Redial
Operational Voltage: 110VAC/220VAC
Operating Temp Range: -30°C to +60°C
Keypad: Silicon
Ringer Sensitivity: 40 -100 V, 16 - 25 Hz
Loop Current: 26 - 100 mA
Connection: Terminal Blocks
Fuse- Main TeleIntl CCT: 250mA - Auto Reset
Hook Switch (Cradle Switch) Life: >1 000 000 Operations
Wiring Access: > 2 x M20 & 1 x M12 Cable Gland Entry Points
MicroIntl: Dynamic Noise-Cancelling
Audible Range Frequency Response: 300-2400 Hz
Transmit Objective Loudness Rating: Nominal -38.5 +/ - 3 dB
Receiver Volume Adjustment: 8 Steps, 2 dB/Step
Receiver Objective Loudness Rating: Nominal 50 +/- 3 dB
Ringer Impedance without Ring Detect Relay: >7K Ohms @25 Hz, 30-90 VAC >4K Ohms @ 50Hz, 30-90 VAC
Ringer Impedance with Ring Detect Relay: >>4K Ohms @25 Hz, 30-90 VAC

Quick Summary

ATEX Zone 1, Zone 2, Zone 21, Zone 22 Approved
T5 & T6 Rated
IP66
ISO 9001 Certified
Hearing Aid Compatible (HAC)

Set Impedance: 600 Ohms Nominal
Maximum Loop: 15Kft (~4,600m) of 22 AWG Wire
Hands Free Speaker Output: ~85dB @ 1 Meter
Relative Humidity: 95% (Non-Condensing)
Dimensions: 9.6” W x 11.4” L x 5.8” H
Body Material: High Impact Thermoset Compound
Mounting: Reversible Base for Desk or Wall
Weight: 8.5 Lbs

Special Orders - Special Requirements
Contact us for special requirements
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Made in the USA

The Larson Electronics ATEX-EPPH-229AH is an ATEX Zone 1, Zone 2, Zone 21, Zone 22 approved telephone designed for use in hazardous work areas, such as chemical plants, oil refineries, off-shore rigs and settings where combustible gases or dust may be present. This IP66 hazardous area telephone has a programmable keypad, pulse dialing, receiver volume control and is hearing-aid compatible. The teleprhone operates on 24-56V DC.

This hazardous area telephone can operate in temperatures ranging between -30°C and +60°C, making it suitable for subzero environments. The housing is IP66 rated and is constructed of static dissipative, high impact thermoset industrial compound. The unit includes corrosion resistant hardware and a urethane coated watertight silcone keypad. The telephone weighs roughly 9 pounds, and is 11.4” long x 9.6” wide x 5.8” tall.

The “G” style handset features a noise-cancelling microphone, as well as robust volume control. An armored cord can be found on the device for extended usage and the keypad is urethance coated with watertight silicon. This hazardous area phone has a handset and hands-free speaker mode. A self-resetting fuse prevents damage to the electronic circuits if a high voltage spike occurs.

This telephone supports 24-56V DC with a built-in ring detect relay to switch up to 240V @ 5mps, and includes terminal blocks for connection to power. A backlit LCD display features 2 lines up to 16 characters in English, Spanish or French, and a 20 number memory including 10 quick dial numbers and a programmable auto hang-up timer. Two M20 and one M12 gland entries are included. The ATEX-EPPH-229AH has quick dial, flash and redial.

This device operates in temperatures ranging between -30°C and 60°C with 95 percent (non-condensing) relative humidity and an IP66 ingress protection rating. The unit has an audible range frequency response of 300-3400 Hz with a hands free speaker output of ~85dB @ 1 meter. The phone has a noise cancelling microphone, hearing-aid compatible receiver and can be mounted on a desk or on the wall.

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.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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