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EPPH-230A-VOIP-MOD1-YLW

Industrial Explosion Proof Telephone - Class I/II/III, Div 1 - VoIP - PoE Compatible - NEMA 4X

Product ID: 154752

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.

EPPH-230A-VOIP-MOD1-YLW Explosion Proof VoIP Telephone
Phone Type: VoIP
Dimensions: 10.25" x 12.25" x 9.50"
Weight: 28 lbs
Voltage: 24-48 V DC
Amps: 5 Amps @ 30V DC
PoE: Yes, 802.3af Compliant (via RJ45)
Inputs: 3x4 Matrix Keypad, (4) Configurable Inputs
Network: 10/100 BaseT Ethernet RJ45, Cat5 or Cat5e UTP Static IP Provisioning or DHCP STUN Client (NAT Traversal)
Call Control Signaling: SIP (RFC3261 Compliant)
Redundancy: Up to 4 SIP Proxies
Configuration: Embedded Web Server
Operating Temperature: -40°C to +60°C
Humidity: 95% Non-condensing
Body Material: Copper-free Cast Aluminum
Handset Material: Carbon Loaded ABS
Handset Cord: 6` PVC Coiled Cord
Mounting: Wall or Column; 4 Mounting Feet & (4) 3/8" Stainless Steel Bolts
Wiring Hub: (2) 3/4" NPT Hubs
Color: Powder Coated Yellow, Black Handset

Ratings/Approvals
Listed for United States & Canada
Class I, Division 1, Groups B, C, & D
Class II, Division 1, Groups F & G
Class III Division 1
NEMA 4X
T6 - Gas
T4A - Dust

ABS Type Approval

Password-protected Configuration
PoE Compatible
(4) Push Button Volume Controls

Special Orders - Special Requirements
Contact us for special requirements
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The EPPH-230A-VOIP-MOD1-YLW Explosion Proof VoIP Telephone from Larson Electronics is designed to provide safe, reliable communication for both indoor and outdoor hazardous areas. This Class I, Div 1 and Class II, Div 1 unit is SIP and PoE compatible with four configurable aux inputs and two configurable, voltage-free contact outputs. The device features a sturdy cast aluminum build and a 6` PVC coiled cord. Operators may mount the VoIP telephone on compatible walls or columns. The EPPH-230A-VOIP-MOD1-YLW features a powder coated yellow finish for both durability and visibility in the workplace.
Phone Features: The EPPH-230A-VOIP-MOD1-YLW is suitable for communication in rugged hazardous locations. This device is PoE compatible for minimal installations in areas with limited space. Operators may configure the phone`s settings using any compatible browser (embedded web pages, no software needed). An IP converter is not needed for operation; connection directly to a SIP-based (RFC3261) VoIP telephone system is available. Real-time alarm reporting is facilitated via email or Syslog.
This explosion proof telephone features a simplified, easy to use design. To call out, operators simply lift the handset and dial the desired number with no additional steps or phone training required. The main keypad features 12 buttons (0,1-9,*,#). A receiver volume button is located beneath the handset. When the handset is unhooked, operators press this button to increase the volume in 3-dB increments (maximum 18dB). All keys are oversized to allow gloves-on dialing.
Durability: This unit is designed to provide safe, reliable communication for both

indoor and outdoor hazardous areas. Consisting of a sturdy copper free non-sparking cast aluminum body, an impact resistant carbon loaded ABS handset and a durable 6' PVC coiled cord, the device is ruggedly constructed for superior performance in extreme, demanding environments.

The NEMA 4X enclosure housing this telephone unit provides protection from the ingress of dust, dirt and fibers as well as resistance against the harmful and corrosive effects of water spray, sleet, snow and rain. This Class I Division 1 Groups B, C & D, Class II Division 1 Groups F & G, and Class III Division 1 telephone provides operators with a safe, secure and dependable communication link.

Mounting: The EPPH-230A-VOIP-MOD1-YLW telephone is designed to be wall or column mounted using the four mounting feet located on the back side of the unit. All mounting bolts are constructed of stainless steel for corrosion and rust resistance.

Power/Wiring: This explosion proof industrial grade telephone may be powered using an external 24-48V DC low voltage power supply. Alternatively, operators may use power-over-ethernet (PoE) operation (802.3af compliant) to power the device without an isolated, external power supply. This cost-effective option relies on a single component for power and voice/data operation. The EPPH-230A-VOIP-MOD1-YLW features a total of two 3/4" NPT hubs for wiring. To ensure safety, any conduit NPT plugs (blanking elements) must be explosion proof with a Type 4X rating.

******NOTE:** In the event of power outage or disconnection of internet service, VoIP operations may not work.*

Suggested Applications: Chemical and petrochemical plants, refineries, mines, offshore and land based rigs, power generation facilities, wastewater treatment facilities, grain storage sites and more.

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.

Frequently Asked Questions (FAQ)