

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

Part #: [EPPH-230A-VOIP-MOD1-YLW](#)



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.

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Specifications / Additional Information

<u>EPPH-230A-VOIP-MOD1-YLW Explosion Proof VoIP Telephone</u>	<u>Ratings/Approvals</u>
Phone Type: VoIP	Listed for United States & Canada
Dimensions: 10.25" x 12.25" x 9.50"	Class I, Division 1, Groups B, C, & D
Weight: 28 lbs	Class II, Division 1, Groups F & G
Voltage: 24-48 V DC	Class III Division 1
Amps: 5 Amps @ 30V DC	NEMA 4X
PoE: Yes, 802.3af Compliant (via RJ45)	T6 - Gas
Inputs: 3x4 Matrix Keypad, (4) Configurable Inputs	T4A - Dust
Network: 10/100 BaseT Ethernet RJ45, Cat5 or Cat5e UTP Static IP Provisioning or DHCP STUN Client (NAT Traversal)	ABS Type Approval
Call Control Signaling: SIP (RFC3261 Compliant)	Password-protected Configuration

Redundancy: Up to 4 SIP Proxies

PoE Compatible

Configuration: Embedded Web Server

(4) Push Button Volume Controls

Operating Temperature: -40°C to +60°C

Humidity: 95% Non-condensing

Body Material: Copper-free Cast Aluminum

Handset Material: Carbon Loaded ABS

Special Orders- Requirements

Handset Cord: 6' PVC Coiled Cord

Contact us for special requirements

Mounting: Wall or Column; 4 Mounting Feet & (4) 3/8" Stainless Steel Bolts

Toll Free: 1-800-369-6671

Wiring Hub: (2) 3/4" NPT Hubs

Intl: 1-214-616-6180

Color: Powder Coated Yellow, Black Handset

E-mail: sales@larsonelectronics.com

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Links (Click on the below items to view):

- [Hi-Res Image 1 - Explosion Proof Phone](#)