

Explosion Proof Telephone

HNEX101



DESCRIPTION:

Heinrich's HNEX101 Explosion Proof Telephone is engineered for reliable voice communication in hostile environments where safety and efficiency are crucial. This robust telephone withstands extreme outdoor temperatures, high humidity, exposure to seawater and dust, corrosive atmospheres, explosive gases and particles, and mechanical wear and tear, making it ideal for emergency communication. The handset, crafted from durable Bulk Molding Compound, is designed to endure rigorous use in any setting, while the armored cord offers additional protection against vandalism and heavy industrial usage. Suitable for chemical plants, coal mines, power stations, armed services, and heavy industries, this explosion-proof and weatherproof telephone ensures dependable communication under the most challenging conditions.

Analogue

As a standard analog telephone, this unit offers essential telephony functions and can be seamlessly connected to any standard telephone line, including analog PABX lines and PSTN networks. This ensures versatile compatibility and reliable communication across various systems.

FEATURES:

- **Standard Analogue or VoIP/SIP:** Compatible with standard telephone lines, analog PABX lines, and PSTN, as well as VoIP/SIP configurations.
- **Explosion-proof & Weatherproof Design:** Built to withstand harsh environments, compliant with ATEX, CE, FCC, and RoHS standards.
- **Durable Construction:** Aluminum alloy die-casting body for superior strength and resilience.
- **Vandal-resistant Handset and Cord:** Designed to resist vandalism and heavy industrial use.
- **Full Keypad:** Equipped with a full keypad for ease of use.
- **Inductive Coupler:** Fitted as standard for the hard of hearing.
- **Simple Installation:** Wall mounting capability for straightforward installation.
- **Power Options:** Powered by phone line (Analogue) or external power supply/PoE (SIP VoIP).
- **Explosion Protection:** Certified for II 2G Ex e ib mb IIC T6 Gb and II 2D Ex ib [ib] tb IIIC T80 Db.
- **Zone Certification:** Suitable for use in Zone 1 and Zone 2 hazardous areas.
- **Weatherproof Protection:** Rated to IP66 and IP67 for resistance to water and dust.

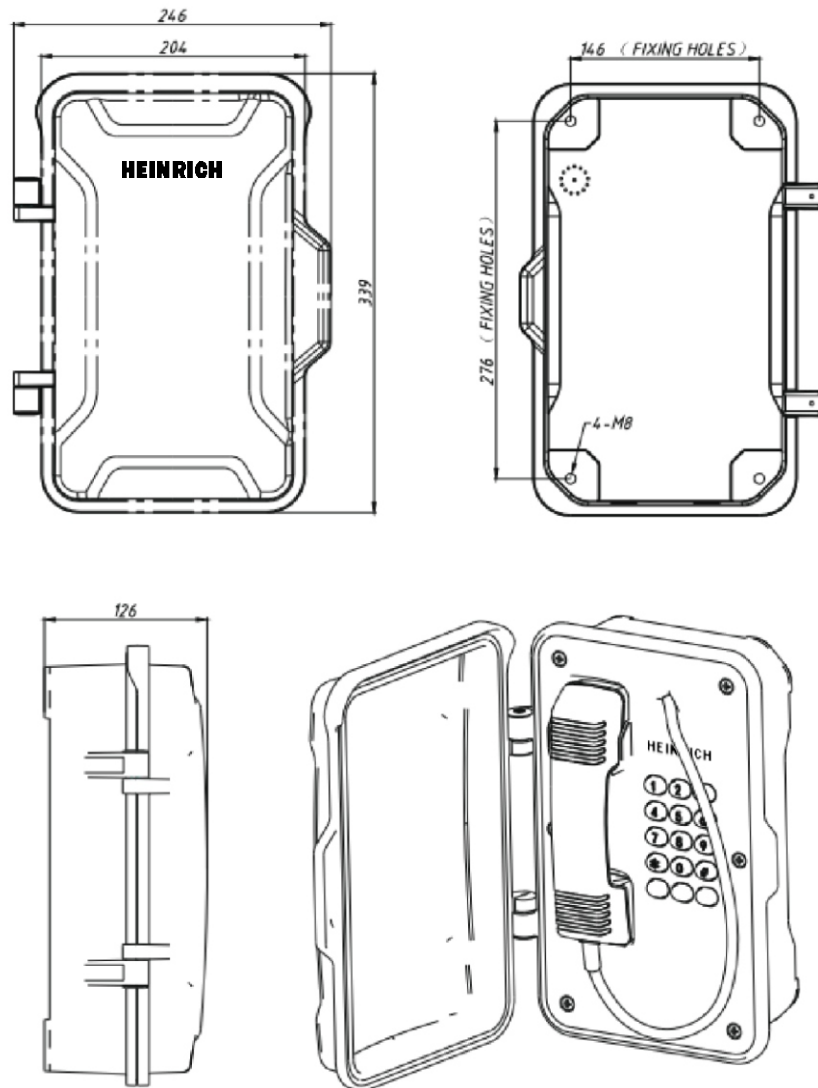
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SPECIFICATION:

Model	HNEX101
Analogue Telephone	
Dialling	LD (Pulse) or MF (Tone). User Selectable
Power Supply	Telephone Line Powered DC 24V-48V
Programming	From Keypad or though DTMF Tone
VoIP/SIP	
Telephone Type	Standard SIP/VoIP Telephone
Communication Protocol	Session Initiation Protocol (SIP 2.0)
Connection	Direct Connection to LAN or WAN via Rj45 Connector
Power Supply	External 24-48V DC or Power-Over-Ethernet (PoE 802.3af Compliant), Power Requirement 7W max (4W idle)
Configuration	Via configuration file or web page. Static IP address provisioning or DHCP
Technical Specifications	
Explosion protection	II 2G Ex e ib mb IIC T6 Gb II 2D Ex ib [ib] tb IIC T80 Db 40 °C ≤ Ta ≤ +60 °C Zone 1, 2
Lightning / Transients	Protection to ITUT k.21 enhanced levels
Casting Material	Die cast aluminium, epoxy powder coated
Color	Available in four colors: Orange, Yellow, Red and Blue
Keypad	Weather-sealed tactile digital keypad. Silicone rubber material, resistant to most chemicals and solvents.
Handset	Noise-canceling microphone allows effective communication in noisy environments (Armoured stainless steel cord stands up to rough handling, optional for black curly cord).
Mounting	Capve cover screws prevent loss during installation of walls, columns, and structural components.
Weather Resistance	IP66/IP67
Ringing Tone	Built-in External Ringer that provides penetrating calling signal (80dbA@1meter)
Hook switch	Electronic / magnetic with no visible moving parts
M.T.B.F	Calculated to have an M.T.B.F. in excess of 1,00,000 hours using.
Weight	Up to 9 kg depending on opotin

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DIMENSIONS:



Disclaimer: As per our company policy one of the constant product improvements the right is there for reserved to modify the product specification without prior notice and the picture shown in the datasheet is a design base, the actual picture may vary.