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ATEX Smart VoIP telephone with robust IK10 aluminum enclosure model TEL325M1

HARDYVOX-ip-Ex®



ATEX UE certificate: ICEPI 07ATEX03C012

Ex protection:II2GD Ex d IIB T5 – IP65 (-25°C +55°C)
Shock-Resistance: IK10 [EN 60950]
Protection index: IP66 [EM 60529]
Material: Aluminum light-alloy RAL2003
Mounting: wall brackets
Termination: screw terminals
Weight: 25 kg
IP-rating: 65
Range Ex certificate: -25°C +55°C
Range of electronic cards: -40°C ÷ +70°C
Dimensions: see drawing
Power voltage: 12Vdc (24-48Vdc on demand)
Cable inlets: 2 ¾" NGK threaded holes
Cableglands: not included
MTBF: 180.000 hours
MTTR: <3 minutes

HARDYVOX-ip-Ex® is a **SMART VoIP (SIP)** hands-free telephone, made with a strong **ALUMINUM body** (5 mm) vandal-resistant and resistant to shocks **IK10**, with **IP66** protection. The family **HARDYVOX-ip-Ex®** is for wall mounting.

The family **HARDYVOX-ip-Ex®** ensures a **high quality of conversation** in industrial environments with **high ambient noise**.

HARDYVOX-ip-Ex® is vastly used both to carry out functions of **Service & SOS Emergency**. It supports up to **three relays** activated by **DTMF password**.

The model **TEL325M1-VoIP** is equipped with a single red button for calling pre-stored numbers. The **HARDYVOX-ip-Ex®** range includes numerous variants, including a version with extended metallic telephone 15 buttons keypad.

TEL325M1-VoIP with 1 Call Button

The **TEL325M1-VoIP** is equipped with only one **red button** for the automatic dialling of one or more **pre-stored telephone numbers**. If properly programmed, the button can be used for manual answer to incoming calls. However, you can program your phone to automatically answer after a predetermined number of ring tones.

- Red LED indicating "on line" status
- Blue LED signalling good work conditions or fault

Electrical Characteristics

Protocol:VoIP (SIP)
Power: 12Vdc (24-48 on demand)
Electronic Bell: 85dB at 1 m
Autoreply:programmable, 1÷90 rings
Hang-up: automatic at the end of conversation
Programmable: 100% remotely programmable

Additional functions (options)

- Auto Fault detection with audio local test
- Booster amplifier (requires auxiliary 12Vdc)
- Auxiliary hook contact
- Up to 3 Relais activated on DTMF passwords
- Remote diagnostic interrogation by TelDia®
- Fault alarm relay (FAR-01) at 12Vdc

Automatic Fault-Detection function:

The telephone can be equipped with the optional function of **"fault detection"**, so that all the parameters of the telephone are periodically tested, including the audio-test of microphone and loudspeaker. A **Blue LED** is flashing to show that the telephone is in good working conditions. The status of the telephone can be remotely interrogated by the specialized **software TelDia®**.

ORDER CODES

TEL325M1-VoIP1 button
TEL325M2-VoIP 2 buttons
TEL325TD-VoIPfull telephone keypad