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Rugged indoor IP42 analogue telephone recessed mounting, shock-proof IK08 AFD Auto Fault Detection model TEL146TF

ROBUSTPHONE®



AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003
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ROBUSTPHONE® comes from over 20 years of experience in designing and manufacturing specialized communication terminals, to be installed in the hardest areas in the world: Off-Shore, Mines, Marine, Steel-Works, Railways, Tunnels.

Protection index :..... IP42 [EN 60529]
Impact resistance:..... IK08 [EN 60068-2]
Working temperature: -20°C +55°C
Body:aluminum front plate and steel painted wall frame
Handset's cord:..... stainless steel (>200kg resistance)
Mounting:..... wall-mounting
Dimensions:.....260 x 180 x 137 mm
Weight:3,6kg
Cables inlets:2 holes Ø20mm + cableglands
MTBF:180.000 hours
MTTR:..... <3 minutes

ROBUSTPHONE® series is a **rugged IP42** and **IK8** Emergency & Service Industrial **Smart** Analogue Telephone, integrally made of aluminum **STEELPHONE®** telephones are designed for a lifetime of 20 years in harsh industrial environment. The **handset made of aluminum** is equipped with a flexible steel cord with breaking load of 200kg.

Main Features

Powered by telephone line: 12÷60 Vdc
Ringing voltage: 25÷100 V_{EFF}
Dialling:.....DTMF
Electronic Bell: up to 90dB@1m, adjustable
Hook:..... magnetic, high protection
Programmable: . 100% remotely programmable by DTMF

AFD - Automatic Fault-detection

The **AFD** (Automatic Fault Detection) function allows to keep under control all main functions and live parameters of the telephone, including the **audio test of microphone and earpiece**. The test is done periodically, on the base of the programmed user's scheduling. The state of good service is constantly shown by the flashing blue LED. The **specialized software TelDia®** can be used to keep under control a large fleet of emergency telephones, from a remote desktop.

Automatic hang-up

Automatic hang-up when the handset is abandoned in a wrong position.

Extended Keypad

15 keys keypad, with single aluminum buttons, with double function activated by the button Fn:

- 12 buttons (*, #, 0,1..9)
- R (flash), RP (last number redial)
- Pre-memorized call buttons (M1÷M8)
- Volume adjustment V+, V-
- Hook key
- Door opening button, on DTMF password
- Red LED indicating "on line" or "incoming call"
- Blue LED indicating fault conditions
- Noise cancelling circuit

Options

- AFD – Automatic Fault Detection
- Jack for external Head-set with microphone
- Booster amplifier (requires auxiliary +12Vdc)
- Auxiliary hook contact
- Call repeating relay for external repeaters
- Remote command relay on password DTMF
- Remote diagnostic software TelDia®

ORDER CODES

TEL146TF: recessed mounting, keypad
TEL146M0F: recessed mounting, without keypad
Option JK:with jack for headset
Option R1: relay for ring repetition
Option R2:relay activated on DTMF password
Option AFD:Automatic Fault Detection + Blue LED