

TELEINDUSTRIA srl

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Weather-proof IP66 analogue telephone wall or flush-mounting, shock-proof IK10 with auto fault-detection & audio test model TEL246TF

STEELPHONE®



AVAILABLE COLORS

YELLOW RAL1023	GREY RAL7030	BLACK RAL9005	RED RAL3020	ORANGE RAL2003

STEELPHONE® comes from over 20 years of experience in designing and manufacturing specialized communication terminals, to be installed in the hardest areas in the world: Mines, Marine, Steel-Works, Prisons, Tunnels.

Protection index: IP66 [EN 60529]
Impacts resistance: IK10 [EN 60068]
MTBF: 180.000 hours
MTTR: 3 minutes
Handset & Body materials: aluminum + stainless steel
Handset's cord: stainless-steel flexible cord (200kg resistance)
Dimensions TEL246TF: 260 x 180 x 137 mm
Dimensions TEL246TP: 311 x 214 x 132 mm
Weight: 4,85 kg
Operating temperature: -40°C ÷ +70°C

ORDER CODES

TEL246TF recessed mounting, with keypad
Option JK Jack for headset
Option R Relay activated on DTMF password

STEELPHONE® series is a weather-proof **IP66** and vandal-resistant **IK10** Emergency & Service Industrial Smart Analogue Telephone, integrally made of aluminum and INOX stainless-steel. Suitable for **recessed mounting**. **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. The keyboard is supported by a stainless steel plate of 2mm thickness, and it is composed of 15 single **metal buttons**, resistant to shocks and vandalism.

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®