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Marine ATEX II2GD IP66 explosion-proof analogue telephone, shock-proof IK10 with auto fault-detection & audio test model TEL502T

STEELPHONE-Ex®



Explosion-proof **ATEX II2G & II2D** industrial wall mounting analogue telephone, with shock-proof IK10 entirely made of **stainless stainless-steel AISI316 marine degree**, with single stainless-steel buttons extended keypad, model **TEL502T**

Electrical characteristics:

Powered by telephone line: 12÷60 Vdc
Ringing voltage: 25÷100 Vac
Dialing: DTMF
Electronic Bell: up to 87dB@1m, adjustable
Hook: magnetic, high protection
Programmable: 100% programmable remotely by DTMF
MTBF: >180.000 hours
MTTR: 3 minutes

Extended Keypad

15 keys keypad, with single stainless-steel 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
- Paging button (where the function is accepted by the PABX)
- Red LED indicating "on line" status
- Blue LED indicating fault conditions
- Noise cancelling circuit

Optional functions

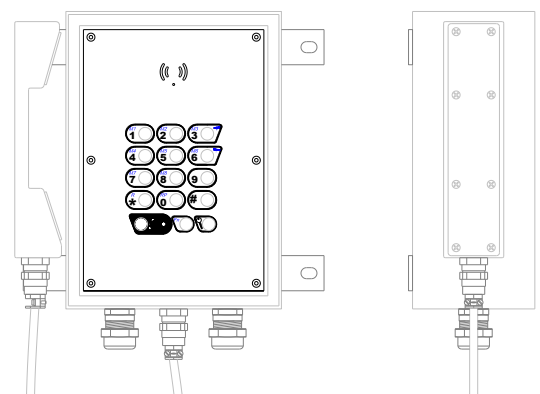
- AFD Automatic Fault Detection, including local Audio Test
- Remote Interrogation, compatible with Remote Interrogation software TelDia®

Automatic Fault-detection

The **TEL502T** is equipped with a smart telephone card controlled by a microprocessor. The telephone is automatically testing all the main vital parameters, including the periodical audio test of microphone and earpiece. The state of service is indicated by the flashing blue LED. The status of the telephone can be kept under control through the Interrogation Software TelDia®.

Automatic hang-up & other SMART functions

The telephone is 100% programmable by DTMF. Many smart functions are available, such as a time-out of conversation (1 to 99 minutes), automatic hang-up when the handset is abandoned in wrong position, authorization password, dedicated button for paging through Public Address and many others.



EU-Type Examination Certificate

ATEX : IMQ 17 ATEX 004X
IECEX : IECEx 17 IMQ 17.0015X

II2GD - Ex eb ib mb IIC T6 Gb - IP66
Ex ib tb IIIC T85°C Db [-20°C ≤ Ta ≤ +50°C]

IP protection index: IP66
Shock-Resistance: IK10
Functional working temperature: -40°C +70°C
Keypad: single INOX stainless-steel buttons
Mounting: on wall
Dimensions: 255 x 300 x 110mm
Weight: 5,5 kg
Cables inlets: 1 cableglad for cable Ø5÷8mm + 1 plug

ORDER CODES

TEL502T: full keypad
TEL502M0: Hot-Line without keypad
TEL502M4: 4 Emergency buttons