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ATEX & IECEx II2GD explosion-proof analog telephone, shock-proof IK10 with auto fault-detection & audio test remote interrogation, model TEL569M0

HARDYPHONE-Ex®



EU-Type Examination Certificate

ATEX : IMQ 17 ATEX 002X | IECEx : IECEx IMQ.0008X

II2GD - Ex eb ib mb IIC T5/T6 Gb - IP65

Ex ib tb IIIC T100°C/T85°C Db - IP65

-40°C ≤ Ta ≤ +60°C/+50°C

Protection index [IEC 60529].....IP66
Protection index guaranteed at end of life [IEC 60079].....IP65
Shock-Resistance:IK10
Working temperature:-40 °C + 60°C
Body:aluminum 5mm
Handset:aluminum 2mm
Handset's cord:stainless steel
Color of body:Yellow, Orange, Grey, Red (on demand)
Mounting:on wall
Wiring:screw terminals Ø0,9mm
Dimensions:190x240x117mm
Weight:3,6 kg
Cables inlets:2 holes Ø20mm, cables Ø5÷8mm

Explosion-proof & weather-proof ATEX & IECEx industrial wall mounting analogue telephone, with shock-proof IK10 aluminium body and heavy-duty IK10 handset with stainless-steel cord, extended keypad with single metal made buttons, model HARDYPHONE-Ex® TEL569M0

Suitable for all PBXs

HARDYPHONE-Ex® is approved to be connected to **any existing PBX**, with line voltages **up to 160Vrms** (100Vac + 60Vdc).

Electrical characteristics:

Powered by telephone line:	12÷60 Vdc
Ringing voltage:	25÷100 V _{EFF}
Dialling:	DTMF
Electronic Bell:	up to 85dB@1m, adjustable
Hook:	magnetic, high protection
Programmable:	100% programmable remotely by DTMF
MTBF:	> 180.000 hors
MTTR:	3 minutes

Extended Keypad:

15 keys keypad, with single aluminium 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:

- Local audio test & remote monitoring
- Remote diagnostic software TelDia®

Automatic Fault-detection

The TEL569T 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®.

