ExResistTel IP2 explosion proof VoIP-Telephone

Explosion-proof, weatherproof industrial VoIP telephone for use in potentially explosive areas (zone 1, 2, 21 and 22)



Overview

With approved technology of FHF, the ExResistTel IP2 is suitable for all indoor and outdoor installations.

The new ExResistTel IP2 is the ideal device for every weather and a number of different operation sites, including exposure to seawater, high humidity or extensive mechanical strain. The housing is made of impact and shock-resistant glass-fibre reinforced polyester, it is resistant to acids, alkalis or lubricants.

Its robust design represents a perfect packaging for the latest requirements for IP telephones in hazardous environments with proven reliability for critical mission communications and high safety applications.

The ResistTel IP2 is designed to provide ultimate user comfort meeting industrial standards and decades of market leading expertise and know-how. It features a display with integrated heating for ultra low temperature environments.

Features

- Protection class IP66 according to IEC60529
- Ambient temperature
 -40 °C to +60 °C
 with armoured cord
 -30 °C to +60 °C with spiral cord
- Ring tone ≥ 95 dB(A) in 1 m distance
- Pixel-based illuminated LCD display
- V4A alphanumeric keypad
- Web-based monitoring (operating, handset-, hands-free and ringing function)
- User-friendly menu structure
- Standard protocols
 H.323, SIP, TSIP, SIPS and H.450
- Power supply: PoE or external
- Connection to 10/100-BASE-T Ethernet
- Hands-free operation
- Two built-in independent relay contacts





Eaton FHF Funke + Huster Fernsig GmbH Gewerbeallee 15-19 D-45478 Mülheim an der Ruhr

Telephone +49-208-82 68-0 Fax +49-208-82 68-286 http://www.eaton.com/telephones © 2022 Eaton All Rights Reserved Printed in UK Publication No.DSFH0003/B January 2022

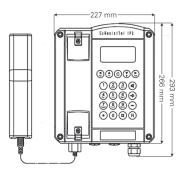
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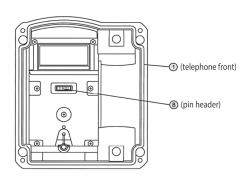
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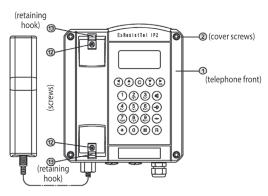
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Technical features Protocols H. 323, SIP TSIP SIPS General H. 323 vorsion 4 including H. 125, H. 1236, H. 1246 and RAS Gatekeper routed signalling, H. 450, session intotion protocol SIP RTP; SITP real time protocol – for voice data transmission RTCP Real time control protocol – first level of quality of service RAS protocol Support for external gatekeper TDIME H. 1245 first connect enblock dialing overlapped sending Security Encoded password authentication according to H. 1235 Quality of service H. 1245 first connect enblock dialing overlapped sending Security Encoded password authentication according to H. 1235 Quality of service G. 7.11 A dawnyllow Vid Reboys, G. 729A (16 ktpp) Etho compensation S. 1.68 Acces Via HTML veeb browser Password-protected with secure authentication Toubleshooting Log and trace files, status dialegals of interfaces and connections Ping connection test for internet protocol, sending of SIMMP traps Updates Configuration reconfiguration Boot code and firmwaris update via update via update via via public server DSL acces PPPSE protocol DYNN Tunneling with PPTE encoding via MPPE NAT Network address translation – for translation of official IP addresses into non-certification of the service	Certifications Protection type	II 2 G Ex e [ib] mb IICT4 Gb		
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Weight (standard model) Approx. 5,000 g Display 182 x 64 pixels Operating position Vertical wall mounting Relay switching capacity 250 V AC 5 A 100 VA 30 V DC 5 A 100 Watt 230 V DC 1 A 50 Watt Headset Electret microphone Barpiece Dynamic capsule with magnetic field generator Stabilization bracket Standard equipment Ambient temperature -40 °C to +60 °C for devices with steel armoured cord -30 °C to +60 °C for devices with polyurethan spiral cord Protection class IP66 according to IEC 60529	Material	Glass fibre reinforced polyester		
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230 V DC	Relay switching capacity			
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-30 °C to +60 °C for devices with polyurethan spiral cord Protection class IP66 according to IEC 60529	Mouthpiece	Electret microphone		
Protection class IP66 according to IEC 60529	Mouthpiece Earpiece	Electret microphone Dynamic capsule with magnetic field generator		
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	Mouthpiece Earpiece Stabilization bracket Ambient temperature	Electret microphone Dynamic capsule with magnetic field generator Standard equipment -40 °C to +60 °C for devices with steel armoured cord -30 °C to +60 °C for devices with polyurethan spiral cord		







Ordering requirements

Туре	Designation	Mode	Article number
ExResistTel IP2	VoIP telephone	black with steel armoured cord	FHF 112 861 80
ExResistTel IP2	VoIP telephone	black with polyurethan spiral cord	FHF 112 861 81
Accessories			
	Ex headset		FHF 112 861 04
	Ex II secondary sounder		FHF 211 842 06
	Telephone hood model 404	galvanized steel, yellow	FHF 118 901 01
	Telephone hood model 404	V4A stainless steel	FHF 118 901 11
	Telephone hood model 404	synthetic material, orange	FHF 118 901 12
	Telephone hood model 404	synthetic material, yellow	FHF 118 901 13
	Telephone hood model 404	galvanized steel, red	FHF 118 901 14
	Telephone hood model 404	synthetic material, red	FHF 118 901 15
	Telephone hood model 404	GRP, yellow	FHF 118 901 22
	Telephone hood model 404	GRP, orange	FHF 118 901 23
	Console for model	Yellow	FHF 118 901 03
	TWIN-EExII		FHF 118 833*

transparent	11
red	12
amber	13
green	14
blue	15

^{*} The full article number for the TWIN EEx is made up by appending the colour code to the article numbers given beside.

Accessories

Ex headset TWIN EEx







Protection hood