Explosion proof telephones and accessories

ExResistTel



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ExResistTel MB



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ExResistTel IP2



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FernTel 3 Zone 2



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FernTel IP Z2



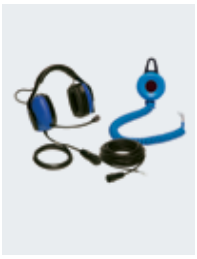
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Eaton offers a range of analogue and VOIP telephones from Funke+Huster Fernsig (FHF).

Eaton provides a wide range of Hazardous Area and Industrial Telephones tested in harsh environments such as chemical plants, off-shore platforms and remote gas generating stations.

The hazardous area phones are offered with global ATEX, IECEx, INMETRO, UL and TR CU approvals.



FHF ExResistTel IP2

Proven technology from Eaton ensures the FHF ExResistTel IP2 is the ideal unit for all kinds of adverse weather conditions at a wide variety of diverse facilities. The housing is made of impact and shock resistant fiberglass-reinforced polyester. Its robust design is perfect to meet the latest requirements demanded of VoIP telephones for use in hazardous areas.

The ExResistTel IP2 allows efficient operation by providing especially convenient features and benefits such as an illuminated heated display, a V4A keypad suitable for use with industrial gloves, and handsfree communication. It also supports all features of the H.323 SIP(SIP over UDP), TSIP(SIP over TCP) and SIPS(SIP over TLS). A headset, available as accessory equipment, can be easily connected to the telephone.



- ATEX and IECEx certified
- Ringing volume of 95dB(A)
- IP66 protection
- Operating temperature -40°C to +60°C
- Illuminated, heated LCD display
- Intelligent, user friendly menu structure
- Handsfree communication
- Standard H.323, SIP, TSIP, SIPS protocols
- Power supply: Power over Ethernet or external supply
- Simply connected to a single 10/100 BASE T Ethernet LAN, RJ45

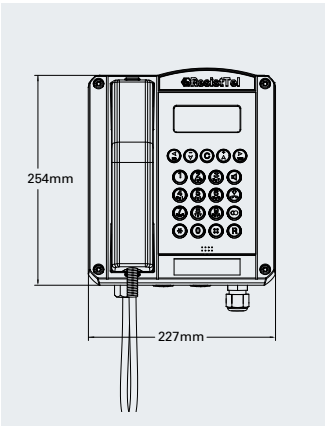
Explosion proof telephones and accessories

ExResistTel

Explosion proof robust telephone



Certification	ATEX, IECEx, INMETRO, TR CU, UL
ATEX/IEC classification	Ex II 2G, Ex e mb [ib] IIC T6/T5 Gb Ex II 2D, Ex tb [ib] IIIC T80°C/T100°C Db
Certified temperature	-25°C to +60°C T5 -25°C to +40°C T6
Ingress protection	IP66
Material	Corrosion-free GRP
Weight	5.5kg
Options	Body colour, certification, keypad & display, accessories; headset, earpiece, TWIN sounder/beacon, secondary sounder

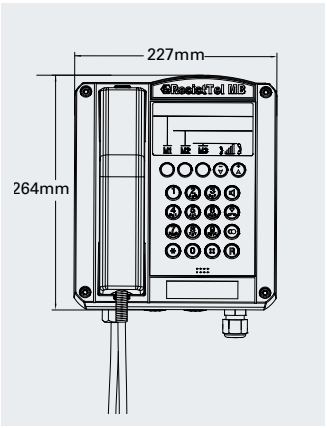


ExResistTel MB

Explosion proof robust telephone



Certification	ATEX, IECEx,
ATEX/IEC classification	Ex II 2G, Ex e mb [ib] IIC T6/T5 Gb Ex II 2D, Ex tb [ib] IIIC T80°C/T100°C Db
Certified temperature	-25°C to +60°C (T5) -25°C to +40°C (T6)
Ingress protection	IP66
Material	Corrosion-free GRP
Weight	5.5kg
Options	Accessories, headset, earpiece, ExTWIN sounder/beacon, secondary ex sounder, certification

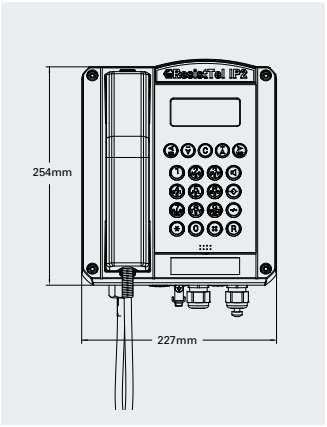


ExResistTel IP2

Explosion proof IP telephone



Certification	ATEX, IECEx, INMETRO, TR CU
ATEX/IEC classification	II 2G Ex e ib [ib] mb IIC T4 Gb, III 2D Ex ib [ib] tb IIIC T 135 °C Db
Certified temperature	-40°C to +60°C
Ingress protection	IP66
Material	Corrosion-free GRP
Weight	5kg approx
Protocol	H.323, SIP, TSIP, SIPS
Power supply	Power over Ethernet
Options	Certification, headset



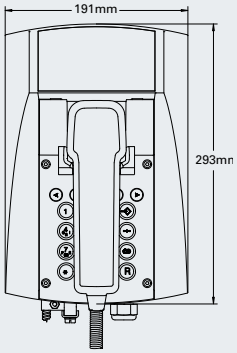
Explosion proof telephones and accessories

FernTel 3 Zone 2

Explosion proof wall and desk telephone



Certification	ATEX, IECEx, INMETRO
ATEX/IEC classification	Ex II 3G, Ex nA ic IIC T5 Gc Ex II 3D, Ex tc ic IIIC T80°C Dc
Certified temperature	-20°C to +55°C
Display:	-10°C to +55°C
Ingress protection	IP65
Material	Polycarbonate
Entries	Up to 2 x M20
Weight	2.3 Kg
Options	Body colour, spiral/armed cord, with/without display and without keypad, stabilizer bracket

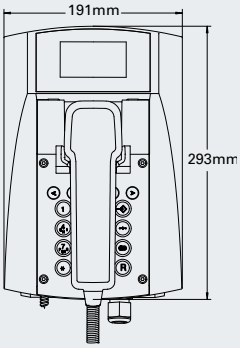


FernTel IP Z2

Explosion proof wall and desk IP telephone



Certification	ATEX, IECEx, INMETRO, UL
ATEX/IEC classification	Ex II 3G, Ex nA ic IIC T5 Gc Ex II 3D, Ex tc ic IIIC T80°C Dc
Certified temperature	-20°C to +55°C
Ingress protection	IP65
Material	Polycarbonate
Weight	2.34kg approx
Protocol	H.323, SIP, TSIP, SIPS
Power supply	Power over Ethernet
Options	Body colour, certification, spiral cord/armoured cord, stabiliser bracket

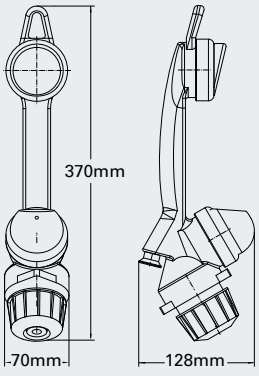


Ex-howl-call telephone

Sound powered telephone for use in Zone 1



Certification	ATEX
ATEX/IEC classification	Ex II 1G, Ex ia IIC T6 Ga Ex I M1, Ex ia I Ma
Certified temperature	-20°C to +40°C
Ingress protection	IP54
Material	Plastic
Weight	approx. 1,3 Kg
Options	Accessories; snap-in plug, coupling socket, wall socket, prick pincers, flat-band cable

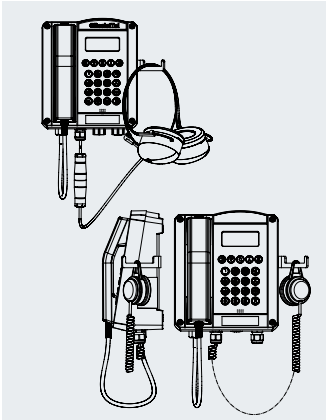


Explosion proof telephones and accessories

Ex-ResistTel accessories



Certification	ATEX, TR CU
ATEX/IEC classification	II 2 G EEx em[ib] IIC T5/T6
Certified temperature	-25°C to +60°C*
Ingress protection	Secondary receiver set: IP54 Headset: IP20
Material	GRP
Weight	Headset approx. 1 kg

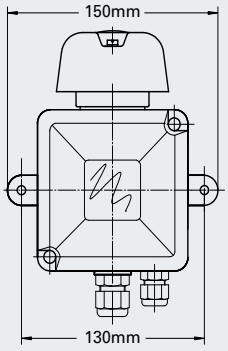


TWIN-EExII

Ex em sounder / 0.9 joule beacon combination unit



Certification	ATEX
Area classification	Zone 1, 2
ATEX/IEC classification	Ex II 2G, Ex e mb [ib] T6/T5/T4 Gb
Certified temperature	-20°C to +60°C*
Ingress protection	IP66
Material	Housing: Aluminium die cast, polycarbonate
Entries	2 x M20
Weight	1.5kg
Voltage	230Vac
Sound output	Max: 90dB, 1m (±3dB)
Tones	8
Light source	Xenon
Options	Lens colour

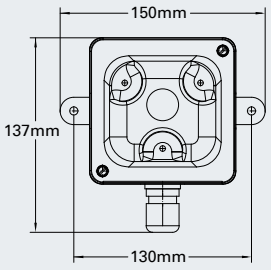


Explosion proof secondary telephone bell

For use as a secondary ringer



Certification	ATEX, TR CU, INMETRO
ATEX/IEC classification	II 2G Ex e ib mb IIC T6
Certified temperature	-20°C to +40°C
Ingress protection	IP66
Material	Aluminium
Weight	0.5kg approx
Options	Certification



*Model dependent

Explosion proof telephones and accessories

Explosion proof telephone call relay mTAR

Connects signalling devices with telephones



Certification	ATEX, IECEx, INMETRO
ATEX/IEC classification	Ex II 2G, Ex e ib mb IIC T4 Gb Ex II 2D, Ex tb IIIC T135°C Db
Certified temperature	-40°C to +70°C
Ingress protection	IP66
Material	GRP
Weight	0.5kg approx
Voltage	230VAC 5A (max. 100W)
Options	Call break bridging

