TCC-0007

Sirene/Flash IS, 24 V, lente âmbar

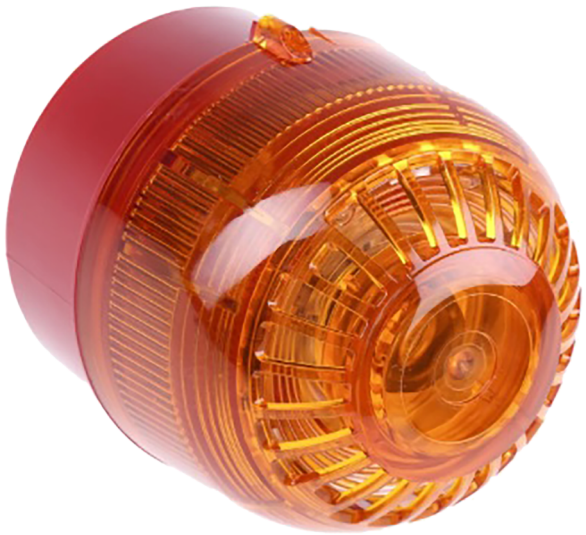
IS Sonos sounder beacon

The IS Sonos sounder beacon has been approved for use in potentially explosive atmospheres for Group I (Mining) & Group II (Above Ground) applications and incorporates a high Ingress Protected IP66 enclosure.

The sounder beacon unit incorporates a two stage alarm option and has a total of 32 selectable tones, selectable via a dip switch on the PCB and produces up to 105 dB at 1 meter. A specially designed time saver base enables quick and easy installation of this unit with no extra cabling to be made to the head of the unit.

Connections are made to the base during the initial wiring phase which results in a faster more reliable installation. The sounder head simply twists & clicks into the pre-fixed base on commissioning avoiding any additional wiring & connections. Further details can be found on the installation sheet.

This unit must be used in conjunction with an approved Zener Barrier or Galvanic Isolator. The characteristics should not exceed Uo: 28 V, Io: 93 mA, Po: 660 mW, Ci: 0, Li 0. The minimum value of Uo should not drop below 23.6 V and the minimum value of Io should not drop below 50 mA.



Application

Fire, Security, Process Control and general signalling applications.

Detalhes

- Aprovação ATEX, IECEx
- Grupo I MI Ex ia I Ma
- Grupo II IGD Ex ia IIC T6 Ga, Ex ia IIIC T85˚C Da
- Zonas 0, 1, 2, 20, 21 & 22
- Conformidade: EN 60079-0:2012 + All:2013 (IEC 60079-0:2011) EN-60079-11:2012 + (IEC 60079-11:2011)
- Compatível com Fim de Linha por resistencia ou diodo
- À prova de poeira e intempéries

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Especificações técnicas

General

Compatibility	TCC-0012, GBX370
System support	Conventional intrinsically safe systems

Electrical

Power supply type	24 VCC
Operating voltage	24 VDC
Current consumption	33 mA

Sounder

Output level	>105 dB(A)
Selectable tones	32
No. of stages	2

VID

Colour	Amber
Flash frequency	1 Hz or constant (ON)

Physical

Net weight	0.33 kg
Colour	Rot
Mounting type	Montaje sobre base
Mounting position	Techo, Pared
Mounting base	Profundo
Material	Flame retardant Polycarbonate

Environmental

Vandal proof	No
Operating temperature	-40 to +55ºC
Relative humidity	>90% at 20ºC
Hazardous environment rating	Intrinsically safe - Zones 0, 1, 2, 20, 21 & 22
IP rating	IP66

Regulatory

Compliancy	CE, REACH, RoHS 3, WEEE
Certification	CENELEC/ATEX, CPR
Standards	ATEX (EMT17ATEX0012X) IECEx (EMT 17.0005X)

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