

SD150 SOUNDER / HORN - GRP

Zones 1, 2, 21, 22

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ACOUSTIC SIGNALLING DEVICES

ZONES 1, 2 (gas) & 21, 22 (dust)



The flameproof SD150 sounder (horn) is ATEX / IECEx certified for use in potentially explosive atmospheres and provides loud warning sounds to signal alarms in tough hazardous area applications. It quickly alerts personnel to potential dangers, or signals the need for immediate action in emergency situations.

This device can be set with up to three tones among 59 prerecorded tones (according to user control system).

Pausing of the signal can be done by an external switch.

Robust and highly reliable, the Ex sounder (horn) is designed for corrosive environments and hazardous areas.

Housing is moulded in Glass-Reinforced Polyester (GRP), protected by an UV resistant paint. The mounting bracket is 316L Stainless steel.





EU-Type Examination Certificate

ITEM REFERENCES

Designation:	Voltage:	Item No.:
SD 150 12-48 VDC	12...48V DC	3C0501
SD 150 100-240 VAC	100...240V AC (50/60hz)	3C0503

TECHNICAL SPECIFICATIONS

Marking:	 II 2G Ex d IIC T4~T6 Gb  II 2D Ex tb IIIC T135°C~T85°C IP66
Certificate:	EU-Type Examination Certificate
Operating temperature:	-40°C to +55°C (T6 - T85°C) / -40°C to +60°C (T5 - T100°C) / -40°C to +70°C (T4 - T135°C)
Housing:	ENCLOSURE: Glass-Reinforced Polyester (GRP). BRACKET: Stainless Steel 316L
Housing colour:	Red (RAL 3001/3028) On request: Black (RAL 9005) Orange: (RAL 2010) Yellow (RAL 1018) Green (RAL 6032) Blue (RAL 5005) Grey (RAL 7038)
Ambient humidity:	Until 95% (without runoff)
Rated impulse withstand voltage:	1kV following IEC 61000-4-5
Consumption:	Adjustable from 5 to 25 W (factory setting 20W)
Current consumption:	0.5 to 1 A
Signalling type:	59 tones siren. Specific customer tones can be recorded in factory
Noise level:	Until 115 dB at 1m
Terminal:	From 22 to 14 AWG - from 0.50 mm ² to 2.5 mm ²
Weight:	6,4 kg
Ingress protection:	IP66/67
Cable entries:	2xM20x1,5 (cable glands not included)

