

DATASHEET - SD 100 INDUSTRIAL/SAFE AREA SOUNDER/HORN

AUDIBLE & VISUAL SIGNALLING EQUIPMENT



DESCRIPTION SD 100 Industrial/Safe Area Sounder/Horn was designed according to EN 54 standard. Enclosure material is flame retardant polycarbonate. It is suitable for outdoor safe area application. It especially applies to Oil & Gas, Chemical, Petrochemical, Refinery, Marine and Off-shore Industries etc. for outdoor safe areas. It can be used for Fire Alarm, Gas Detection, Fire Fighting and Industrial Automation Failures and Emergency Alarm System.

According to user control system, 3 stages of alarm tones can be sent out, from less critical stage (stage 1) to the most critical stage (stage 3). Every stage tone can be selected separately. 63 tones are available. Users can record sounds or customize sounds into the sander by using 4 spare tones. Tones can be preset during installation.

It has telephone initiated function and can be used as the second ring output of industrial telephones as well which apply to special locations where the environment is noisy on the engineering site.

We provide colours of Black (Ral 9004) and Red (Ral 3001) for customer's selection. Other colours are also available upon customer's request.

- MAIN FEATURES**
- Outdoor Safe Area
 - IP 66
 - Flame Retardant Polycarbonate Enclosure
 - 3 Stages of Alarm Sound Output
 - 63 Tones
 - Telephone Initiated Function Available
 - 5-20 Watts Power Output Adjustable
 - 12-48V DC or 100-240V AC
 - Stainless Steel Mounting Bracket
 - Standard: EN54

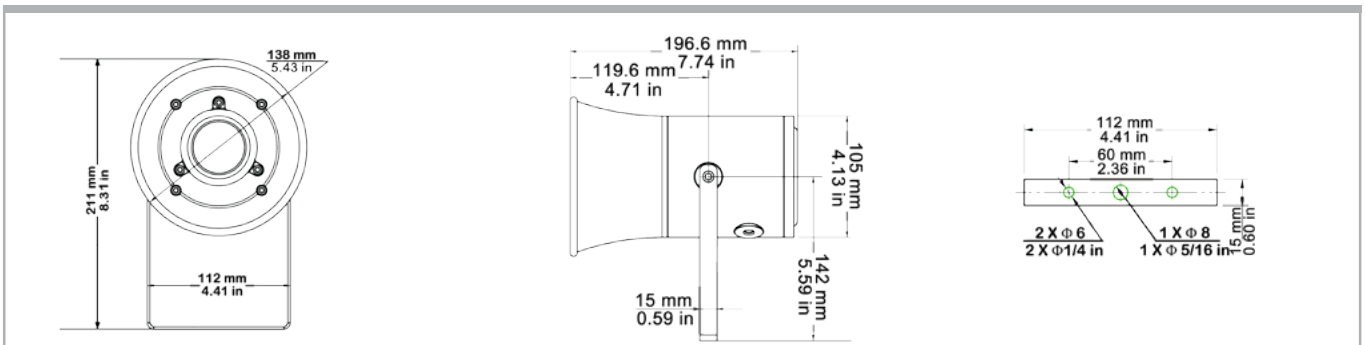
INTENDED USE

<ul style="list-style-type: none"> • Industrial/safe area
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ORDER INFORMATION - SD 100 - INDUSTRIAL/SAFE AREA SOUNDER/HORN

PRODUCT NUMBER	VOLTAGE	DUTY LABEL	TAG LABEL	CABLE ENTRY	FINISH COLOUR	TELEPHONE INITIATED
SD 100	<p>DC 12 ~ 48V</p> <p>AC 100 ~ 240V</p> <p>OR OTHER</p>	<p>Y = YES</p> <p>N = NO</p>	<p>Y = YES</p> <p>N = NO</p>	<p>A - M20</p> <p>B - M25</p> <p>C - 1/2"NPT</p> <p>D - 3/4"NPT</p> <p>O - Others</p>	<p><input checked="" type="checkbox"/> R = RED</p> <p><input checked="" type="checkbox"/> BL = BLACK</p> <p><input type="checkbox"/> OR = OTHER</p>	<p>Y = YES</p> <p>N = NO</p>
MODEL CONFIGURATOR						
SD 100						

DIMENSIONS - SD 100 - INDUSTRIAL/SAFE AREA SOUNDER/HORN



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SPAREPARTS & ACCESSORIES

Sounder PCB (DC)

50050400502

TECHNICAL INFORMATION - SD 100 - INDUSTRIAL/SAFE AREA SOUNDER/HORN

TONES	• 63 Tones
SOUND OUTPUT	• Up to 123 dB @ 1M/1W
AMBIENT TEMPERATURE	• -40 to + 70° C
HUMIDITY	• ≤ 95% RH
MECHANICAL SPECIFICATION:	
MATERIAL	• Enclosure: Flame Retardant Polycarbonate
ENCLOSURE FINISH	• Red, Black or other (specify)
INGRESS PROTECTION	• IP 66
WEIGHT	• 1,5 kg / 3,31 lb
DIMENSIONS	• Length: 196.6mm / 7.74" Width: 138mm / 5.43" Height: 211mm / 8.31"
ELECTRICAL SPECIFICATION:	
POWER SUPPLY	• 12-48V DC or 100-240V AC
POWER CONSUMPTION	• 5-20W (adjustable)
TERMINAL	• ≤ 2,5mm ² Cable
CABLE ENTRY	• ≤ 20mm (Customers Open)
WORKING CURRENT	• 12V DC: 910mA (Max 10W) 24V DC: 960mA 48V DC: 500mA 110V AC: 210mA 220V AC: 100mA

INTENDED USE

- Industrial/ safe area