

SF100 RSST

Conventional Sounder with Strobe

EN54-3

Description

SF100 RSST is a conventional wall or ceiling mount sounder and strobe, designed for installing in conventional fire alarm systems. Supports 32 different tone types and two sound levels, controlled by jumpers. SF100 RSST sounder is equipped with two additional separate inputs for Alarm and Evacuation events. The tone sounds of the inputs are different for easy recognition on the protected site. The Evacuation event is with the highest priority. SF100 RSST conventional sounder is certified according EN 54-3.

Technical and Environmental Specifications

| | |
|-------------------------------------------|------------------------|
| Operating Voltage Range | 20-28VDC |
| Maximal consumption (main tone type 27): | |
| - low volume level, with enabled strobe | 12mA @ 24VDC |
| - low volume level, no strobe | 8.5mA @ 24VDC |
| - high volume level, with enabled strobe. | 25mA @ 24VDC |
| - high volume level, no strobe. | 22mA @ 24VDC |
| Sound volume (main tone type 27): | |
| - low volume | 84-93dB @ 1m |
| - high volume | 92-101dB @ 1m |
| Frequency of the strobe flashing | 1Hz |
| Sounder type | Piezo |
| Number of tone types | 32 |
| Wire Gauge for terminals | 0.2-1.5mm ² |
| Operating temperature | -10°C to +60°C |
| Relative humidity resistance | (93 ± 3)% @ 40°C |
| Protection | IP21C |
| Weight | ~248g |
| Dimensions | 102x32mm |
| Color | red |
| Material | SAN, transparent red |



1293
DoP No: 029
1293-CPR-0555
Tested by EVPU

Packing Information

- **Packing box** - 1 unit SF100 RSST, dimensions 108/108/48 mm.
- **Carton box** - 100 units SF100 RSST, dimensions 560/362/230 mm.

Compatible Product Range

- **MAG 2/4/8/8 Plus** - Conventional Fire Alarm Panels
- **SensoIRIS MOUT** - Potential output for conventional sounders
- **IRIS/SIMPO** - Addressable fire alarm panels






























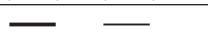


Contact Information:

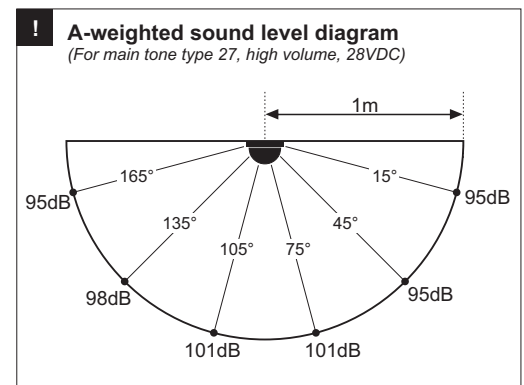
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Supported Tone Types and Description

| Tone | Tone Type | Tone Description / Application |
|------|-------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 1 |  | 970Hz |
| 2 |  | 800Hz/970Hz @ 2Hz |
| 3 |  | 800Hz - 970Hz @ 1Hz |
| 4 |  | 970Hz 1s OFF/1s ON |
| 5 |  | 970Hz, 0.5s/ 630Hz, 0.5s |
| 6 |  | 554Hz, 0.1s/ 440Hz, 0.4s (AFNOR NF S 32 001) |
| 7 |  | 500 - 1200Hz, 3.5s/ 0.5s OFF (NEN 2575:2000) |
| 8 |  | 420Hz 0.625s ON/0.625s OFF (Australia AS1670 Alert tone) |
| 9 |  | 500 - 1200Hz, 0.5s/ 0.5s OFF x 3/1.5s OFF (AS1670 Evacuation) |
| 10 |  | 550Hz/440Hz @ 0.5Hz |
| 11 |  | 970Hz, 0.5s ON/0.5s OFF x 3/ 1.5s OFF (ISO 8201) |
| 12 |  | 2850Hz, 0.5s ON/0.5s OFF x 3/1.5s OFF (ISO 8201) |
| 13 |  | 1200Hz - 500Hz @ 1Hz (DIN 33 404) |
| 14 |  | 400Hz |
| 15 |  | 550Hz, 0.7s/1000Hz, 0.33s |
| 16 |  | 1500Hz - 2700Hz @ 3Hz |
| 17 |  | 750Hz |
| 18 |  | 2400Hz |
| 19 |  | 660Hz |
| 20 |  | 660Hz 1.8s ON/1.8s OFF |
| 21 |  | 660Hz 0.15s ON/0.15s OFF |
| 22 |  | 510Hz, 0.25s/ 610Hz, 0.25s |
| 23 |  | 800/1000Hz 0.5s each (1Hz) |
| 24 |  | 250Hz - 1200Hz @ 12Hz |
| 25 |  | 500Hz - 1200Hz @ 0.33Hz |
| 26 |  | 2400Hz - 2900Hz @ 9Hz |
| 27 |  | 2400Hz - 2900Hz @ 3Hz (2500Hz main sound frequency) |
| 28 |  | 800Hz - 970Hz @ 100Hz |
| 29 |  | 800Hz - 970Hz @ 9Hz |
| 30 |  | 800Hz - 970Hz @ 3Hz |
| 31 |  | 800Hz, 0.25s ON/1s OFF |
| 32 |  | 500Hz - 1200Hz, 3.75s/0.25s OFF (AS2220) |



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