



SAW-6101/SAW-6106 CONVENTIONAL ACOUSTIC SOUNDERS

Overview

Conventional acoustic sounders SAW-6101/SAW-6106 are designed for acoustic signalization of fire with tones (SAW-6101) or voice messages (SAW-6106). There is a possibility of acoustic synchronization of several sounder working in one acoustic area. They are dedicated for operation with all type of control panels with appropriate power supply output.

Principle of operation

After giving a power supply to appropriate connectors the sounders start to work. The sound level is independent from the voltage value. There is a possibility to choose one out of three sounder's volume level. SAW-6106 being in fire condition plays one, chosen warning sequence (warning tone – silence voice message – silence) and blinks with three red LEDs. There is a possibility to choose one out of three standard warning sequences and also to prepare own using dedicated software. If none of voice message is chosen, the warning sequence consist with warning tone only. SAW-6101 sounder has no possibility to program any warning sequences.

Design

Electronic circuits with piezoelectric sounder are fitted into red housing made with flame retardant material. The sounder is installed in G-40S base which is made with the same material and which is a kit with the sounder. There is a screwless connector inside the base for connection of wires. There is six connectors: two for power supply cable, synchronization and two for optional external switch for switching off the sounder.

Technical specifications

Power supply	from 9.6 to 30 V DC
Current consumption at 12 V (max 16 V)	≤100 mA
Current consumption at 24 V (min 16 V)	≤50 mA
Sound level	max 103 dB
Operation temperature range	from -25 °C to +50 °C
Protection marking	IP 21C
Dimensions (with base)	∅ 115 x 70 mm
Mass	0.2 kg
Other parameters	acc. PN-EN 54-3