



Addressable Sounder with Built-in Isolator F2-ASM-300

A fire alarm system must notify residents and people in the building immediately after a fire is detected. The system accomplishes this through audio and visible notifications. The F2-ASM-300 is an addressable sounder with an elegant design, adequate sound intensity that can be an ideal choice for indoor environments.



Features

- Designed according to EN 54-3,54-17 standard.
- Equipped with an internal isolator with the possibility to wire with or without isolators.
- Easy address programming with the handheld programmer
- Compatible with the WISE addressable panel and other SENS addressable panels
- SMD technology
- Reliable performance
- Low power consumption
- Impact-resistant plastic frame
- Adequate sound intensity for indoor environments
- Powered by the loop.



Technical Specifications

Power Supply Voltage	27V
Stand by consumption	0.6mA @ 27V
Alarm state current	6mA @ 27V
Operating Temperature	-10 to 70 °C
Humidity	95% (without condensation)
Type	Type A (For indoor use)
IP Protection	IP21
Sound output	80dB @ 1m
Frequencies Range	600Hz – 4kHz
Sound Mode	Dual Tone
Dimensions	75×100 mm
Weight	150gr

Application

Considering the siren design and its sound intensity, it is suitable for use in indoors in addressable systems.

Construction

The case of F2-ASM-300 sounder is made of ABS plastic material and has a simple and practical frame design.



Isolator Specifications

Maximum line voltage	28V
Minimum line voltage	15V
The maximum voltage at which the device isolates ($V_{SO_{max}}$)	6V
The Minimum voltage at which the device isolates ($V_{SO_{min}}$)	2V
The maximum voltage at which the device reconnects ($V_{Sc_{max}}$)	6V
The Minimum voltage at which the device reconnects ($V_{Sc_{min}}$)	2V
Maximum rated continuous current with the switch closed ($I_{c_{max}}$)	400mA
Maximum rated switching current ($I_{s_{max}}$)	600mA
Maximum leakage current ($I_{L_{max}}$)	8mA
maximum series impedance with the switch closed ($Z_{c_{max}}$)	0.5 Ω