



Addressable Sounder Flasher with Built-in Isolator F1-ASF-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. F1-ASF-300 is an addressable Wall Mount Sounder flasher designed for installing in addressable fire alarm systems. The device is powered on from the panel and can be controlled via the communication protocol. With its sound, flashing lights, and addressability, the F1-ASF-300 addressable sounder flasher is 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 frame

Adequate sound intensity for indoor environments

Adequate light intensity for visibility in smoky environments

Powered by the loop.



Technical Specifications

Power Supply Voltage	27V
Stand by consumption	0.6 mA @ 27V
Alarm state current	6.4 mA @ 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 and light intensity, it is suitable for use in indoors. Furthermore, its adequate light intensity allows it to be used even in smoke-filled environments.

Construction

The case of F1-ASF-300 sounder flasher is made of transparent 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