# Addressable Sounder with Built-in Isolator
# F1-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 F1-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 F1-ASM-300 sounder flasher 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 ($V_{SOmax}$) | 6V |
| The Minimum voltage at which the device isolates ($V_{SOmin}$) | 2V |
| The maximum voltage at which the device reconnects ($V_{Scmax}$) | 6V |
| The Minimum voltage at which the device reconnects ($V_{Scmin}$) | 2V |
| Maximum rated continuous current with the switch closed ($I_{cmax}$) | 400mA |
| Maximum rated switching current ($I_{smax}$) | 600mA |
| Maximum leakage current ($I_{Lmax}$) | 8mA |
| maximum series impedance with the switch closed ($Z_{cmax}$) | 0.5Ω |