



MAD-461

MAD-461-I

MAD-463

MAD-463-I

Addressable Sounders

Descriptions

The range of MAD-400 modules has been developed to offer a wide and complete range of input and output ports to be used with DETNOV's CAD-150 family of analogue fire control panels. These modules let you manage a wide variety of situations, by monitoring and acting according to the installation's requirements. All the modules of this range are available with and without Isolator

The MAD-461 and MAD-463 analogue sounders are designed to be used with DETNOV's analogue fire control panels. The MAD-461 provides an acoustic signalling while MAD-463 provides optical-acoustic signalling, both to the fire detection system. The sounders are directly connected to the loop and they must be addressed through the PGD-200 programmer (Isolator version support auto addressing). Each sounder takes up 1 address in the loop.

Due to its novel design, current consumption has been reduced to 7 mA. Installing up to 50 sounders per loop is possible due to low current consumption.

Features

- Compatible with DETNOV's fire control panels
- Addressable sounders
- Low current consumption
- Two-wire connection with non-polarity
- Loop-powered device
- Connections through removable terminal blocks, and simple fitting of the cable
- EN54-3 and EN54-17 approved
- MAD-461-I and MAD-463-I with Isolator

Applications

Analogue sounders are used to warn people in a building to start the evacuation procedure in the event of an alarm. They are the basic elements for warning people in any fire detection system installation.

Technical features

| Sounders | |
|--|---|
| Loop features: | |
| Operating voltage: | From 22 to 38VDC |
| Quiescent current consumption: | < 300 μ A |
| Alarm current consumption: | < 7 mA |
| Volume @ 1 m | 87,5 dB(A) |
| Tones | Fast Sweep : 800 Hz to 970 Hz swept at 9 Hz |
| | Medium Sweep : 800 Hz to 970 Hz swept at 3 Hz |
| | Slow Sweep : 800 Hz to 970 Hz swept at 1 Hz |
| Connections | |
| 2 x 1.5 mm ² twisted and shielded cable | |
| Maximum quantity of sounders in the loop | |
| 50 sounders in 1 km loop | |
| 25 sounders in 2 km loop | |
| Environment | |
| Operating temperature: | From -10°C to +70°C |
| Relative humidity: | 95% without condensation |
| IP index: | IP21 |
| Physical features: | |
| Size (height x \varnothing): | 69,6 mm x 92 mm |
| Material: | ABS |
| Approvals | |
| EN54-3 and EN54-17 | |
| MAD-461, MAD-463 Certificate number: | 0370-CPR-2021 |
| MAD-461-I, MAD-463-I Certificate number: | 0370-CPR-1867 |

Dimensions

