



MAD-490

Addressable isolator module

Description

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 addressable fire control panels.

The MAD-400 modules allow performances and manoeuvres for the proper functioning of the fire detection system, monitoring and/or acting according to the needs of the installation.

The MAD-400 modules have been designed to facilitate their installation process and they may be installed using screws or fitted into a DIN rail. Each module is equipped with removable terminal blocks and a LED status indicator. This module does not require any addressing.

The MAD-490 module protects the system from short circuits in the loop. Its function is to disconnect the loop section between the 2 isolators that are nearest to the short circuit, allowing the rest of the installation to work without trouble.

The MAD-490 take the power supply directly from the loop and does not get an address from the loop.

All the range of MAD-400 modules can be installed inside the BOX-ONE and BOX-SIX boxes.

Features

- Simple installation on the wall or fitted into a DIN rail
- Non-polarity supported
- Addressing through a programmer
- Loop-powered device
- Connections through removable terminal blocks and simple fitting of the cable
- EN 54-17 approved

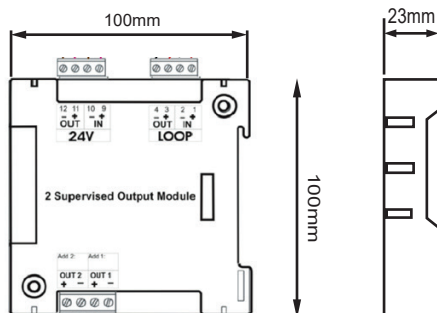
Applications

The MAD-490 module is ideal for isolating the short circuits of addressable system loop. The module is usually installed according EN-54 requirements in the event of a short circuit in the communication line.

Technical features

Module	
Loop features:	
Operating voltage:	From 22 to +38VDC
Quiescent current consumption:	< 300 μ A
Alarm current consumption:	< 50 mA
Connections	
2 x 1,5 mm ² twisted and shielded cable	
Environment	
Operating temperature:	From -10°C to +70°C
Relative humidity:	95% without condensation
IP Index:	IP40
Physical features	
Size:	100 mm x 100 mm x 23 mm
Material:	ABS
Approvals	
EN 54-17	
Certificate number:	0370-CPR-1182

Dimensions



* Dimensions of MAD-432 module. The same size for all the range MAD-400.