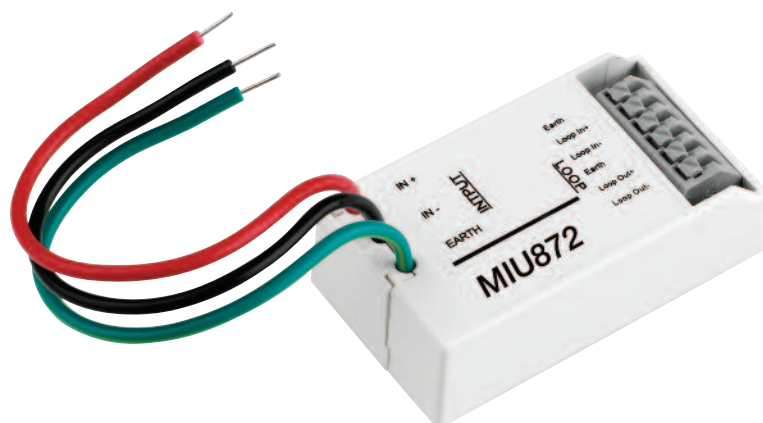


Micro Zone Monitor Unit MIU872



MIU872 micro zone monitor unit

Overview

An extensive range of micro interfaces are available to support the Menvier range of control panels, providing solutions for most design requirements.

The MIU872 is a single zone input, soft addressed, micro interface, incorporating integral short circuit isolators.

It is fully compatible with the current range of Menvier intelligent addressable fire detection panels.

It is suitable for interfacing a zone of up to 20 conventional Menvier detectors onto a Menvier intelligent addressable control panel.

It will operate with any Menvier conventional detector in configuration with a schottky diode type base.

Features

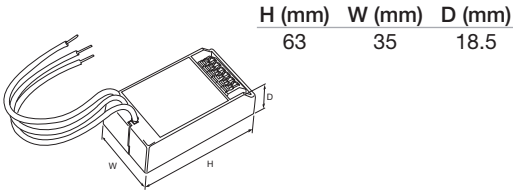
- Quick and simple to install
- Accepts a zone of Menvier conventional detector heads and callpoints (detectors must be connected via the Cooper CDBB300 mounting base)
- Only takes a single address
- Input monitored for open and short ground trouble
- Active end of line monitoring
- Built in short circuit isolator

Benefits

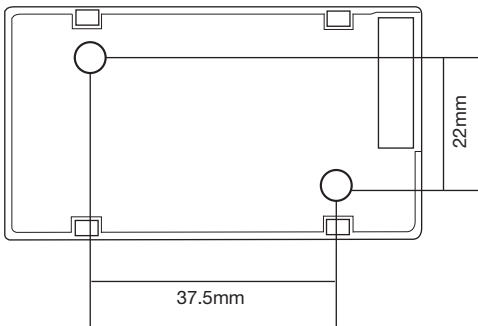
- Plug and play no hard addressing required
- Easy to expand a system using existing wiring
- No external short circuit isolator required

Intelligent Addressable Micro Zone Monitor Unit - MIU872

Dimensions



Mounting Details



Technical Specification

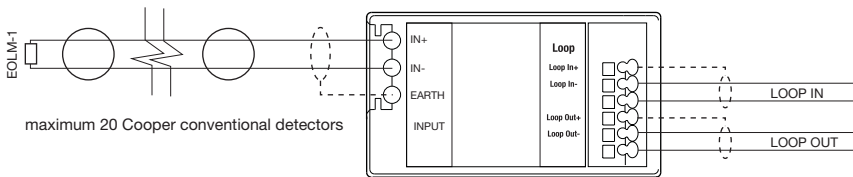
Code	MIU872
Description	Micro zone monitor unit
Standards	EN54 Pt17 & Pt18
Specification	
Operating Voltage	18.5V dc to 30V dc
Quiescent Current	2.6mA (nom)
Load With 20 Detectors, and Unlimited Callpoints	3.2mA (nom)
Alarm Load With 20 Detectors, and Unlimited Callpoints	8.0mA (nom)
Detector Zone	
Detectors per Zone	20 (max)
End of Line Monitor	Active end of line unit - EOLM-1
Fire Input Trigger Resistance	680Ω (nom)
Short Circuit Fault	
Threshold Resistance	100Ω (max)
Open Circuit Fault	
Threshold Resistance	39kΩ (min)
Environmental	
Operating Temperature	-10°C to +60°C
Humidity (non condensing)	0 to 95% RH
Physical	
Construction	PC/ABS
Dimensions (H x W x D)	63mm x 35mm x 18.5mm
Weight	0.28kg
Ingress Protection	IP40
Compatibility	
Suitable for use with	Menvier intelligent addressable fire systems
Recommended loop/cable type	Fire Tuff, FP200 MICC

Installation

1. Suitable for use with any Menvier conventional detector.
2. Connections suitable for single strand fireproof cable up to 2.5mm².
3. Loop and output cable screen must be connected to interface earth terminals.

Note: No addressing of the interface is required (see control panel operation for details)

Standard Connections



Note: The MIU872 accepts a zone of Menvier conventional detector heads (detectors must be connected via the Cooper CDBB300 mounting base)

Product Codes

Code	Description
MIU872	Micro zone monitor unit

Eaton's Fire Systems business

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