

Zone Monitor Unit MIU871



MIU871 zone monitor unit

Overview

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

The MIU871 zone monitor unit connects zones of suitable conventional detectors.

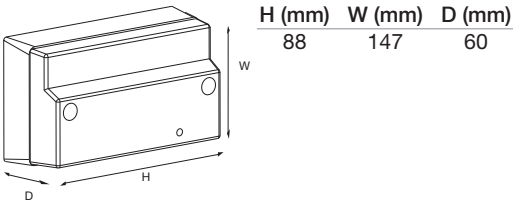
Features

- 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, short circuits and ground trouble
- 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

Dimensions



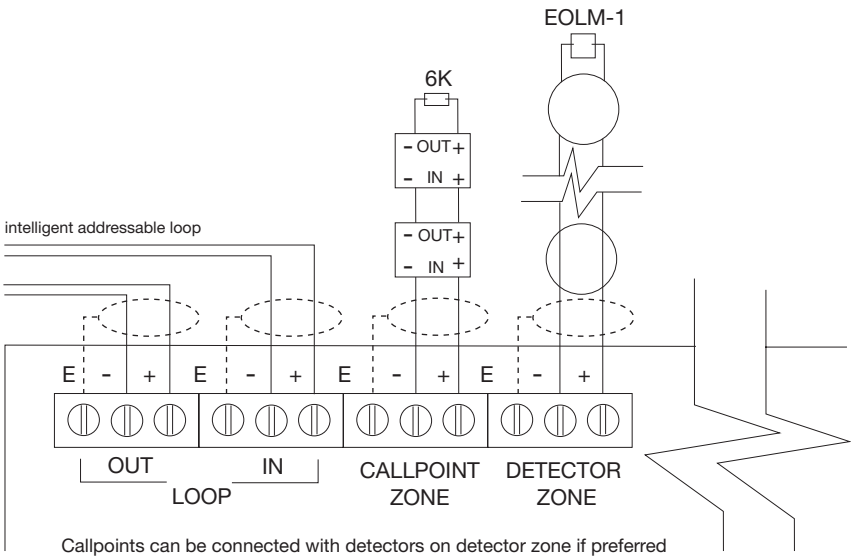
Technical Specification

Code	MIU871
Description	Zone monitor unit
Standards	EN54 Pt17 & Pt18 2005
Specification	
Operating Voltage	18V dc to 30 V dc
Quiescent Current	2.8mA
Alarm Current	8mA
Current with 20 Detectors	3.4mA
Detector Load	20 detectors per zone (max)
Callpoint Load	Unlimited
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)	88mm x 147mm x 60mm
Weight	0.23kg
Ingress Protection	IP40
Compatibility	
Suitable for use with	Menvier intelligent addressable fire systems

Installation

1. Zone monitor unit is fixed to a deep double gang back box (supplied).
2. All connections are via heavy duty terminals.
3. Cable entry can be top, bottom, side or rear.
4. Can be surface or semi recessed mounted.

Standard Connections



- NOTES:
1. Earth (Screen) cable must be connected to its adjacent earth terminal.
 2. The end of line resistor must always be fitted, even if input is not used.
 3. Maximum spur length - see BS5839 Pt:1 2002 for zone coverage.
 4. There is no maximum number of conventional callpoints allowed per zone output.
 5. Unit can only be used with its respective Cooper fire systems and compatible sensor and base.

Note: The MIU871 accepts a zone of Menvier conventional detector heads (detectors must be connected via the Cooper CDBB300 mounting base)

Product Codes

Code	Description
MIU871	Zone monitor unit