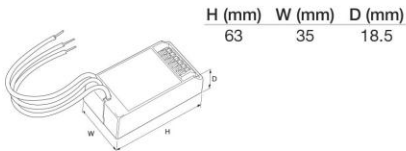
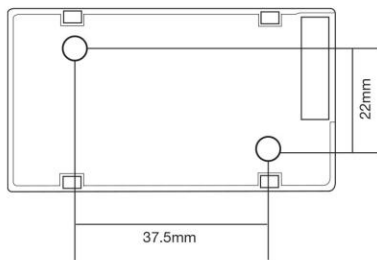


# Intelligent Addressable Micro Single Channel Input Units

## Dimensions



## Mounting Details



## Technical Specification

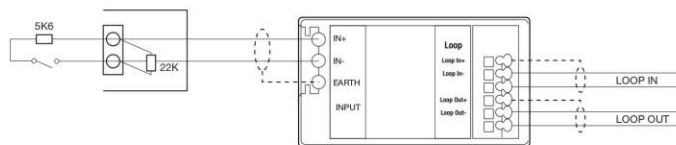
Code	MCIM
Description	Micro single channel input unit
Standards	EN54 Pt17 & Pt18
<b>Specification</b>	
Operating Voltage	18.5V dc to 30V dc
Quiescent Current	310µA
<b>Inputs</b>	
Trigger Resistance	56kΩ
End of Line Resistor	22kΩ
Short Circuit Fault	
Threshold Resistance	1Ω
Open Circuit Fault	
Threshold Resistance	33kΩ
<b>Environmental</b>	
Operating temperature	-10°C to +60°C
Humidity (non condensing)	0 to 95% RH
<b>Physical</b>	
Construction	PC/ABS
Dimensions (H x W x D)	63mm x 35mm x 18.5mm
Weight	0.078kg
Ingress protection	IP40
<b>Compatibility</b>	
Suitable for use with	Menvier intelligent addressable fire systems
Recommended loop/cable type	Fire Tuff, FP200, MICC

## Installation

1. Inputs monitored for open and short circuit fault conditions.
2. Suitable for monitoring normally open volt free contacts (flow switches etc).
3. Connections suitable for single strand fireproof cable up to 2.5mm<sup>2</sup>.
5. Loop and output cable screen must be connected to interface earth terminals
6. The end of line monitoring resistor, must always be fitted at the end of the input wiring, if the input is unused the end of line resistor must be fitted at the interface input terminals.

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

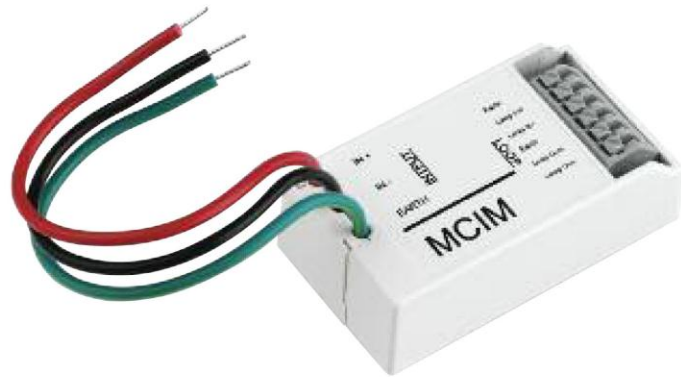
## Standard Connections



## Product Codes

Code	Description
MCIM	Micro single channel input unit

## Micro Single Channel Input Units MCIM



MCIM micro single channel output 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 MCIM is a single input, soft addressed micro interface, incorporating integral short circuit isolators. It is extremely compact and therefore ideal for incorporation into other equipment.

The MCIM is fully compatible with the current range of Menvier intelligent addressable fire control panels.

It is suitable for monitoring a set of normally open, volt free contacts such as sprinkler system flow switches, auxiliary panel fire/fault signals as well as non fire input signals such as flow valve open contacts, generator start up, fire door closed etc.

### Features

- Quick and simple to install
- Compact size
- Soft Addressed
- Integral short circuit isolator

### Benefits

- Plug and play no hard addressing required
- No external short circuit isolator required