

# Spur Isolator Unit MSI850



MSI850 spur isolator unit

## Overview

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

The MSI850 spur isolator unit enables a spur of intelligent addressable devices to be connected to a main analogue loop, the device is designed to simplify installation of remote parts of buildings or for simple system extensions.

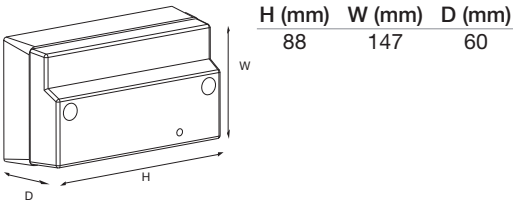
## Features

- Quick and simple to install
- Allows a spur of intelligent addressable devices to be fed from the main loop
- Integral short circuit isolators for the loop and the spur
- Automatically controls addressing sequence
- Built in short circuit isolator

## Benefits

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

Dimensions



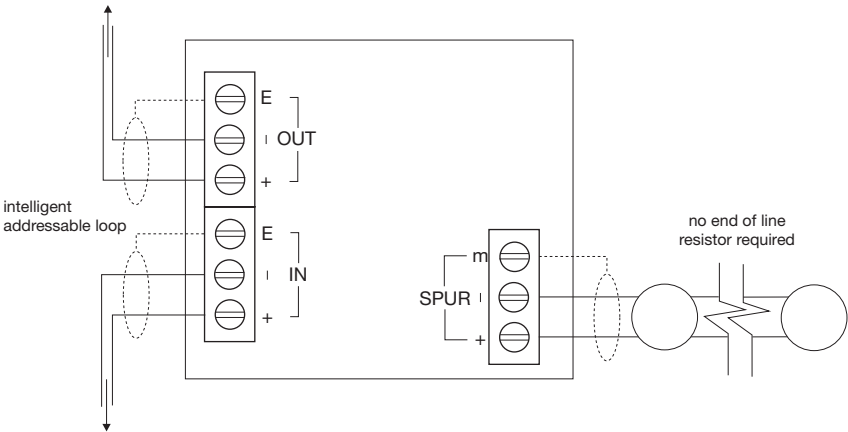
Technical Specification

Code	MSI850
Description	Spur isolator unit
Standards	EN54 Pt17 2005
Specification	
Quiescent Current	170µA
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. Please refer to current edition of BS5839-1 for details of the maximum allowable area to be covered by a single zone.
- 2. Spur isolator unit is fixed to a deep double gang back box (supplied).
- 3. All connections are via heavy duty terminals.
- 4. Cable entry can be top, bottom, side or rear.
- 5. Can be surface or semi recessed mounted.

Standard Connections



- NOTES:
- 1. Earth (Screen) cable must be connected to its adjacent earth terminal.
  - 2. For maximum spur length/load see BS5839 Pt1:2002.
  - 3. Unit can only be used with its respective Cooper fire systems and compatible sensor and base.

Product Codes

Code	Description
MSI850	Spur isolator unit