

Shop Monitor Unit MSU840



MSU840 shop 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 MSU840 shop monitor unit is designed to enable small units with conventional fire detection to be fully integrated with a main intelligent addressable fire system. It is ideal for applications such as connecting individual shop units into a main shopping centre system. An external power supply is required to drive the 2 conventional sounder circuits. This power supply must be regulated for fire and current limited.

Features

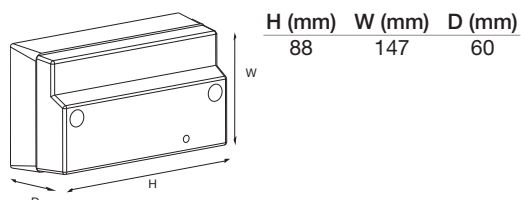
- Quick and simple to install
- Accepts a zone of Menvier conventional detector heads and callpoints (detectors must be connected via the Cooper CDBB300 mounting base)
- Provides 2 conventional sounder circuits
- Only takes a single address
- Inputs monitored for open, short circuits and earth fault

Benefits

- Plug and play no hard addressing required
- Easy to expand a system using existing wiring
- No external short circuit isolator required
- Reduced installation cost by using the 2 sounder circuits

Intelligent Addressable Shop Monitor Unit - MSU840

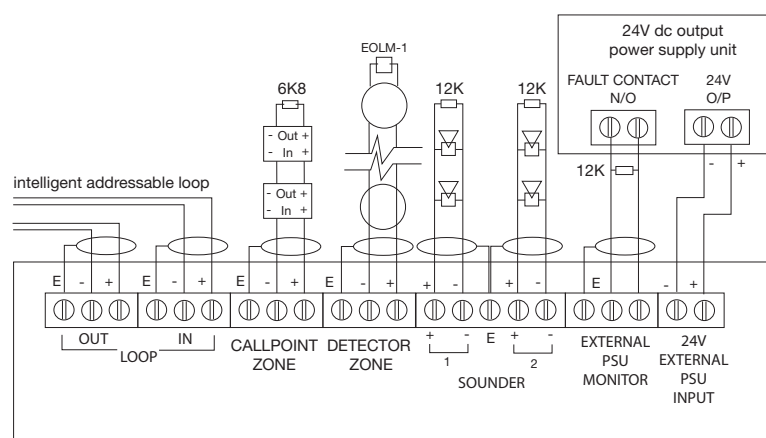
Dimensions



Technical Specification

Code	MSU840
Description	Shop Monitor Unit
Standards	EN54 Pt17 & Pt18
Specification	
Operating Voltage	15V dc to 30V dc
Quiescent Current	3.4mA (max)
Quiescent Load Current	2.8mA (max)
Alarm Current	8mA (max)
Zone Circuits	
Number Input Circuits	2
Zone Circuit 1	Callpoints only
Zone Circuit 2	Detectors and Callpoints
Number of Callpoints	Unlimited
Callpoint Resistance	470Ω to 680Ω
Zone Circuit 1 EOL	6K8
Zone Circuit 2 EOL	Active EOL
Number of Detectors	20 (max)
Short Circuit Fault Threshold	150Ω
Open Circuit Fault Threshold	N/A active EOL
Sounder Circuits	
Number of Sounder Circuits	2
Load per Output	300mA (max)
Sounder Circuit 1 and 2 EOL	12K
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)	129mm x 180mm x 60mm
Weight	1kg
Ingress Protection	IP40
Compatibility	
Suitable for use with	Menvier Intelligent Addressable Fire Systems

Standard Connections



Callpoints can be connected with detectors on detector zone if preferred

Note: The MSU840 accepts a zone of Menvier conventional detector heads (detectors must be connected via the Cooper CDBB300 mounting base)

Product Codes

Code	Description
MSU840	Shop monitor unit