

CMIO353 Intelligent addressable 230V ac relay unit



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

The 230v ac relay unit (CMIO353) enables simple interfacing between the fire system and other equipment such as nurse call systems or access control systems.

The ability of the output unit to switch mains also makes the unit ideal for plant control or mains powered door holders. The input is monitored for open and short circuits therefore can be used for fire input applications such as monitoring sprinkler flow switches.

Features and benefits

- Soft addressed
- Integral short circuit isolator
- Single address
- Mains rated relay unit
- Input monitored for open and short circuits
- Quick and simple to install
- No hard addressing required (plug and play)
- Achieves simplified interpanel interfacing

Specifier's guide

2.5 Standard interfaces

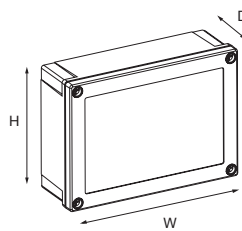
Technical specification

Code	CMIO353
Description	230V ac relay unit
Standards	EN54 Pt17 & Pt18 2005
Specification	
Operating voltage	18.5V dc to 30V dc
Quiescent current	310µA
Maximum switching voltage	230V ac to 250V ac (nominal)
Maximum switching current	8A
Firing resistor	5K6
End of line resistor	22k
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)	130mm x 180mm x 60mm
Weight	0.5kg
Ingress protection	IP65
Compatibility	
Suitable for use with	Eaton intelligent addressable fire systems
Recommended loop/cable type	Fire Tuff, FP200, MICC

Installation

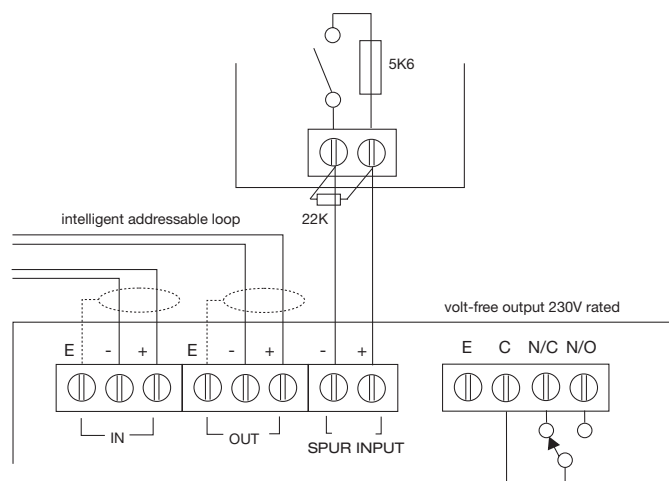
1. Mains rated input relay is designed for surface fixing.
2. All connections are via heavy duty terminals.
3. Cable entry can be top, bottom or side.
4. Output relay contacts are rated at 230V ac.

Dimensions



H (mm)	W (mm)	D (mm)
129	180	60

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. Input circuit is monitored for wiring open and short circuit.
4. Output relay is a set of changeover volt free-contacts and is not monitored.

Catalogue numbers

Description	Code
230V ac relay unit	CMIO353