

Mini Single Input and Single Relay Output Module

The Axis single input and relay output modules are loop powered and designed around a fully digital protocol. Each module allows monitoring of fire alarm and auxiliary devices and provides form C changeover contacts for control of auxiliary devices such as fire shutters.

The input channel is monitored and will detect Normal / Short / Alarm and Open conditions. The output channel is a normally de-energised relay switched on by a command from the control panel.

The unit provides fast alarm and fault signalling, and incorporates a bidirectional short circuit isolator.

Connections are made using plug-in terminal blocks which will accept conductors up to 2.5mm².

The unit can be mounted within an electrical box or enclosure.

Standards and Approvals

- EN54-3:2001 +A1:2002 +A2:2006
- Approved by BRE/LPCB and certified by the UAE Civil Defence



Features

- Short circuit isolators in each device to the requirements of EN54-17
- Large capacity, up to 240 devices per loop
- Auto addressing capability (by the control panel) or manually using a hand held programmer.
- Digital checking of double address
- Line quality information
- Bicolour (red green) LED driven by the control panel

Specification

| | |
|---------------------------------|------------------------------|
| Power Supply | 15-40 V |
| Average Current Consumption | I=120 uA |
| LED Current Consumption | I _{led} =6mA @24Vdc |
| Operating Temperature Range | -30°C / +70°C |
| Humidity (non condensing) | 95% RH |
| Nominal Relay Switching current | I=2A V=30Vdc |
| End-of-line resistor | (Reol): 27Kohm |
| Alarm resistor | (Rw): 10Kohm |
| Dimensions H x W x D mm | 52 x 75 x 28 w/o brackets |
| Weight grams | 180 |
| IP Rating | 21C |

Order Codes and Options

20-VMMIC120-ADV: Mini Single Input and Single Relay Output Module

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