Advanced

Axis EN

Single Monitored Input / 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 is supplied fixed to a plate which is suitable for wall mounting with a choice of standard 25 mm or deep 47 mm mounting boxes available.



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 Vdc
Average Current Consumption	I=120 uA
LED Current Consumption	Iled=6 mA @24 Vdc
Operating Temperature Range	-30°C / +70°C
Humidity (non condensing)	95% RH
Nominal Relay Switching current	I=2 A V=30 Vdc
End-of-line resistor	(Reol): 27 kohm
Alarm resistor	(Rw): 10 kohm
Dimensions H x W x D mm	85 x 85 x 30
Weight grams	200
IP Rating	21

Order Codes and Options

20-VMIC120-ADV:	Wall Mounting Single Input and Single Relay Output Module

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As our policy is one of constant product improvement the right is therefore reserved to modify product specifications without prior notice.