

Single Monitored Input / Output Module

The Axis single input and output modules are loop powered and designed around a fully digital protocol. Each module allows monitoring of fire alarm and auxiliary devices and provides control by closing contacts 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 also monitored and will detect Open and Short circuit conditions.

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 25mm or deep 47mm mounting boxes available.

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

Standards and Approvals

EN54-3:2001 +A1:2002 +A2:2006

Approved by BRE/LPCB and certified by the UAE Civil Defence

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
Relay Switching Characteristic	I=2A V=30Vdc
End-of-line resistor	(Reol): 27Kohm
Alarm resistor	(Rw): 10Kohm
Dimensions H x W x D mm	85 x 85 x 30
Weight grams	200
IP Rating	21C

Order Codes and Options

20-VMIC100-ADV:	Wall Mounting Single Input & Single Supervised Output Module
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Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK T: +44 (0)345 894 7000 E: enquiries@advancedco.com
W: www.advancedco.com

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