Axis EN

Mini Monitored Single Input Module

The Axis single input modules are loop powered, designed around a fully digital protocol and allow monitoring of fire alarm and auxiliary devices

The input channel is monitored and will detect Normal / Short / Alarm and Open 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 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

- Provides high reliability and error detection
- 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	Iled=6mA @24Vdc
Operating Temperature Range	-30°C / +70°C
Humidity (non condensing)	95% RH
End-of-Line Resistor	(Reol): 27Kohm
Alarm resistor	(Rw): 10Kohm
Dimensions H x W x D mm	52 x 75 2 28 without brackets
Weight grams	180
IP Rating	21C

Order Codes and Options

20-VMMI100-ADV:	AV Mini Monitored Single Input Module

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

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

Axis EN

Mini Monitored Single Output Module

The Axis single output modules are loop powered, designed around a fully digital protocol and provides control by closing contacts of auxiliary devices such as fire shutters.

The output channel is monitored and will detect Open and Short circuit conditions.

The unit provides a fast and secure response, 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

- EN54-17:2005
- Approved by BSI and certified by the UAE Civil Defence

Features

- Short circuit isolators in each device to the requirements of EN54-17
- 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	Iled=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
Dimensions H x W x D mm	85 x 85 x 30
Weight grams	180
IP Rating	21C

Order Codes and Options

20-VMMC100-ADV:	AV Mini Monitored Output Module

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

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

Axis EN

Mini Single Relay Output Module

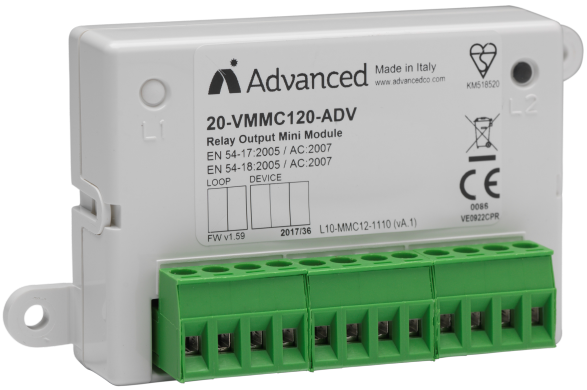
The Axis single channel output modules are loop powered, designed around a fully digital protocol and provides form C changeover contacts for control of auxiliary devices such as fire shutters.

The output channel is a normally de-energised relay switched on by a command from the control panel.

The unit provides a fast and secure response, 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
- Auto addressing capability (by the control panel) or manually using a hand held programmer.
- Auto addressing capability (Control panel feature)
- 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	Iled=6mA @24Vdc
Operating Temperature Range	-30°C / +70°C
Humidity (non condensing)	95% RH
Nominal Relay Switching current	I=2A V=30Vdc
Dimensions H x W x D mm	52 x 75 x 28 without brackets
Weight grams	180
IP Rating	21C

Order Codes and Options

20-VMMC120-ADV:	Mini Single Relay Output Module

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

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

Axis EN

Mini Monitored Single 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 can be mounted within an electrical box or enclosure.



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	Iled=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

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

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