Advanced

Axis EN

Conventional Zone Module

TheAxis conventional zone monitor allows a zone of conventional detectors to be interfaced to an Axis intelligent loop. The zone can be powered from the analogue loop or from an external power supply - selection is made by two jumper switches.

The current limitation of the zone circuit is programmable and adjustable by the control panel. The unit is able to identify all conditions on the conventional zone such as normal, open circuit, short circuit and alarm. In addition it monitors the power supply of the detection line - external or loop.

The unit provides fast and secure signalling, and incorporates a bidirectional short circuit isolator. A single changeover relay output is provided which can be switched on by a command from the control panel. This can be used for example, to provide a reset to certain conventional devices.

The communication loop is fully isolated from the zone circuit and external power supply.

The module is designed to be compatible with the majority of well known European conventional detectors.



Standards and Approvals

- EN54-17:2005
- EN54-18:2005
- Approved by IMQ

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.
- Adjustable current limit and reset pulse duration via the control panel
- Digital checking of double address
- Programmable relay output
- Line quality information

Specification

Power Supply	20-40 V
Average Current Consumption	I=120 uA
Standby Current	500uA
Power Up Time	2 sec
Operating Temperature Range	-10°C / +55°C
Humidity (non condensing)	85% RH
Zone End of line device	Capacitor (Ceol): 4.7uF - 50v
Conventional Zone Current Threshold	6 to 20mA (Alarm Threshold 2.5 to 15mA)
Relay Nominal Switching Current	I=2A V=30Vdc (0.5A - 125VAC)
Dimensions H x W x D mm	93 x 130 x 58
Weight grams	190
IP Rating	IP54

Order Codes and Options

20-VMCZ100-ADV:	Conventional Zone Module

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