

## Conventional Zone Module

The Axis 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.



### 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

### Standards and Approvals

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

### Specification

|                                     |   |
|-------------------------------------|---|
| Power Supply                        | 15-40 V                                 |
| Average Current Consumption         | I=120 uA                                |
| Standby Current                     | 500uA                                   |
| Power Up Time                       | 2 sec                                   |
| Operating Temperature Range         | -30°C / +70°C                           |
| Humidity (non condensing)           | 95% RH                                  |
| Zone End of line device             | Capacitor (Ceol): 4.7uF                 |
| Conventional Zone Current Threshold | 6 to 20mA (Alarm Threshold 2.5 to 15mA) |
| Relay Nominal Switching Current     | I=2A V=30Vdc                            |
| Dimensions H x W x D mm             | 93 x 130 x 58                           |
| Weight grams                        | 190                                     |
| IP Rating                           | 54                                      |

## Order Codes and Options

20-VMCZ100-ADV:

Conventional Zone Module

[Check if this document is up to date](#) | [Give us feedback](#)

Advanced, The Bridges, Balliol Business Park, Newcastle upon Tyne, NE12 8EW, UK **T:** +44 (0)345 894 7000, **E:** [enquiries@advancedco.com](mailto:enquiries@advancedco.com),  
**W:** [www.advancedco.com](http://www.advancedco.com)

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