



MINERVA® MX

MIO800 Multi-Input Output Module

Features:

- Connects directly to the MX Digital loop
- Loop powered does not require a 24V supply
- Provides three digital inputs
- Normally open or normally closed inputs
- Inputs monitored for open circuit or short circuit faults
- Style B (short circuit gives an alarm) or Style C (short circuit gives a fault) selectable for inputs
- On-board LED illuminates when any of the three inputs alarm
- Window in the D800 housing lid gives visibility of the on-board LED
- Provides four digital outputs
- All four outputs can drive a self-powered high voltage relay HVR800
- Two outputs have both volt free change-over contacts and HVR Drivers
- D800 IP55 housing or DIN-Rail mounting
- Inputs and outputs are independently controlled by the MX Technology™ system configuration

Multi-Input Output Module (MIO800)

The MIO800 is a general purpose interface module for use with MX Technology™ fire detection systems. It allows multiple input and output connections to be made between external equipment and the MX Digital loop. Three inputs and four outputs are provided. Each input and output can be programmed independently using the MX Consys configuration tool to provide customised functionality.

An IP55 rated D800 style housing is used as the standard enclosure with the option of a DIN-Rail mounting kit for in-cabinet installations.



ADT Always There®

Technical Specifications

MIO800

System Compatibility

Use only with MX Technology™ Fire Alarm Controllers

Environmental

Indoor application only
 Operating Temperature -25°C to +70°C
 Storage Temperature -40°C to +80°C
 Relative Humidity up to 95% RH (non condensing)

Dimensions (HxWxD):

Module 72 x 110 x 18 mm
 Boxed 118 x 139 x 68 mm

Weight:

Module 70g
 Boxed 271g

Mounting Requirements D800 Ancillary Housing or DIN-Rail

Electrical

Battery Requirements: Powered from Addressable Loop:
 Standby Current: 0.7mA
 Alarm Current: 6.25mA
 Relay Contact Rating DC - 2A @ 24V dc

Note: The unit must not be used to switch mains voltages directly.
 The HVR800 must be used to switch mains voltages.

Wire Size: Min 1.5 mm²
 Max 2.5 mm²

Max Wiring Resistance: Monitored Circuit - 40 Ohms

Ordering Information

Stockcode	Description
555.800.065	Multi I/O Module
557.201.303	DIN-Rail Mounting Kit
557.201.401	D800 Ancillary Housing

HVR800

System Compatibility

Use only with MX Technology™ MIO800 or RIM800 modules

Environmental

Indoor application only
 Operating Temperature: -25°C to +70°C
 Storage Temperature: -40°C to +80°C
 Relative Humidity: up to 95% RH (non condensing)

Dimensions (HxWxD):

Module: 26.5 x 74 x 42 mm
 Boxed: 118 x 139 x 68 mm

Weight:

Module: 87g
 Boxed 289g

Electrical

Input Voltages: 24V dc, 24V ac, 120V ac, 230V ac
 Contact Rating: 10A @ 240V ac and 24V dc

Ordering Information

Stockcode	Description
568.800.004	HVR800 High Voltage Relay Interface Module
568.800.034	HVR800 High Voltage Relay Interface Module (Boxed).



For further information on how ADT can help you, contact your local office or phone free on **0800 010 999** or visit us at www.adt.co.uk



Head Office: ADT Fire and Security plc, Security House, The Summit, Hanworth Road, Sunbury-on-Thames, Middlesex TW16 5DB.
 ADT and ADT Always There is a registered trademark of ADT Services AG and used under license.
 ADT reserves the right to modify or withdraw any product or service without notice.

Ref No PSF136A Issue 2 December 2006

© 2006 Tyco International



ADT Always There®