

1.42

Addressable MZX Input/Output Modules

DIM800 Detector Input Module



The DIM800 is designed to power and monitor a circuit of low voltage conventional detectors and callpoints. The detection circuit is powered from an external 24V d.c. supply and is reset by the MZX panel. The DIM800 monitors the external 24Vdc and provides a fault signal if it is lost. The input detection circuit can be wired as one or two spur circuits (Class B), one loop configured circuit (Class A) or one 4 wire detection circuit. The module is designed to be compatible with most conventional detection products. Compatibility has been tested to date on the following products: M300 Series, M601 Series, S100 Series, H Series, S231F, S231F+ & CP200.

Technical Information

EMC/RFI:	Equal or exceeds EN50081-1 & EN50130-4
Operating Temp:	-25°C to +70°C
Relative Humidity:	Up to 95% RH non-condensing
Dimensions:	14H x 148W x 87D mm
Weight:	100g

Order Codes

555.800.012	DIM800 Detector input monitor
555.800.042	DIM800 Module c/w front cover

HVR800 High Voltage Relay Module



The HVR800 module is a non-addressable device which allows a low current mains rated relay to switch up to 10A. Alternatively a low voltage drive signal such as that provided by the RIM800 or 80 way mimic can be used to switch the integral mains relay via the opto-isolated input.

Technical Information

EMC/RFI:	Equal or exceeds EN61000.6.3 & EN50130-4
Operating Temp:	-25°C to +70°C
Relative Humidity:	Up to 95% RH non-condensing
Dimensions:	26.5H x 42W x 74D mm
Relay contacts:	Up to 10A @ 250Vac

Order Codes

568.800.004	HVR800 high voltage relay
568.800.034	HVR800 in isolated D800 housing

LIM800 Line Isolator Module



The LIM800 Ancillary Line Isolator Module is designed to be used on all MZX addressable loops. It monitors the line condition and upon detection of a short circuit isolates the affected section whilst allowing the rest of the addressable loop to function normally. The LIM800 ensures that on a looped addressable system a short circuit fault cannot disable more detection devices than would be lost on a conventional non-addressable system in accordance with BS5839 Part 1.

Technical Information

EMC/RFI:	Equal or exceeds EN50081-1 & EN50130-4
Operating Temp:	-25°C to +70°C
Relative Humidity:	Up to 95% RH non-condensing
Dimensions:	14H x 148W x 87D mm
Weight:	100g

Order Codes

545.800.004	LIM800 Ancillary Line Isolator Module
545.800.033	LIM800 Ancillary Line Isolator Module c/w front cover