

1.46

Addressable MZX Input/Output Modules

APM800 Addressable Power Supply Monitor



The APM800 is an MZX addressable power supply monitoring module which is usually used with the PSM800/820/821 power supply module to make an addressable power supply. The APM800 is designed to fit to studs on the top of the PSM800/820/821. The APM800 monitors the PSM800/820/821 for mains failure, earth fault, battery charger fault and battery fault. It can reset the PSM800/820/821 resettable 24Vdc output and initiate a battery test which then reports battery voltage and current to the controller.

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:	24H x 127W x 57D mm
Weight:	794g

Order Code

557.202.027	APM800 addressable power supply monitor
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BDM800 Beam Detector Module - Loop Powered



The BDM800 is designed to interface the FIRERAY reflective beam detectors to the MZX Digital Addressable Loop. The BDM800 provides power from the loop, monitors the Fire and Fault outputs of the detector and also monitors inter-connections for open and short circuit faults. Supplied fitted in a standard double gang ancillary housing, the BDM800 greatly simplifies the wiring normally associated with beam detection.

The considerable cost of providing local power supplies that satisfy the stringent requirements of BS5839 part 1 is eliminated.

Features

- Power beam detectors directly from the MZX loop
- Reduced wiring and installation costs
- Monitors beam detector for fire and fault
- Monitored for open / short circuit faults
- LPCB and VdS approved (pending)
- Can be installed to BS5839 part 1 2002
- On board LED indicates polling and active
- Use with reflective beams FIRERAY 50R or 100R for greater savings on installation
- Compatible with FIRERAY 2000 + FIRERAY 5000
- Optional BTM800 beam terminal termination module

Order Code

555.800.066	BDM800 Beam Detector Module c/w Cover
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BTM Beam Termination Module



If it is necessary to site the BDM800 Beam Detector Module some distance from the beam detector itself, an optional BTM800 beam termination module is available to minimise and simplify the wiring. The BTM800 is housed in a standard double gang ancillary cover and has all the connections and components required to minimise installation time.

Features

- Simplifies the wiring between the Beam detector and BDM800
- Allows BDM800 to be sited up to 40m from the beam detector

Order Code

555.800.067	BTM800 Beam Terminal Module c/w Cover
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