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Product Overview:

The System Sensor family of multi channel input / output modules are designed to meet a wide range of applications.

Their unique mechanical design allows each module to be mounted in either a wall box, on a DIN rail or within any type of enclosure. Irrespective of the mounting methods chosen, the address switch is both visible and accessible for selection.

To assist maintenance and fault-finding, the LEDs and the address switches are visible without removing the surface mounting box cover.

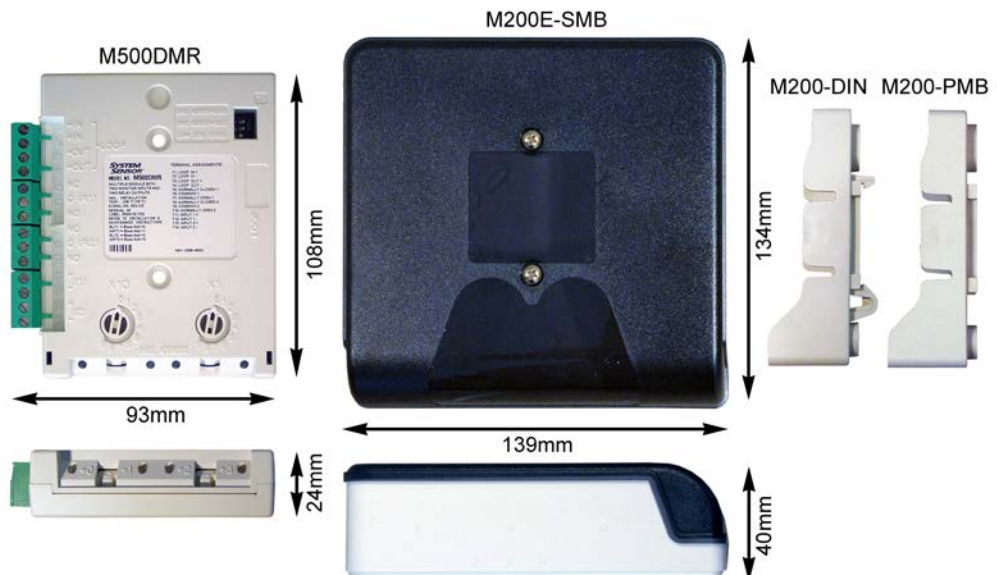
The M500DMR supervises two input circuits from external switch devices and also provides two unmonitored single pole voltage-free changeover contacts for external devices. Input channels are capable of both latched and analogue supervision: there are three separate latched states, normal, short circuit and combined alarm/open.

The analogue supervision continuously monitors the supervised circuit, returning a signal proportional to the circuit resistance.

The M500DMR incorporates a loop isolator that isolates the loop in and loop out connections in the event of a short circuit on either loop connection.

Features:

- ▶ Dual Input, Dual Output Module
- ▶ Input 2 (I2) and Relay 2 (R2) can be individually disabled via module DIP switches
- ▶ Incorporates an Isolator for the Analogue Addressable Loop
- ▶ Uses 2, 3 or 4 module address spaces
- ▶ Common mechanical platform for box, panel and DIN rail mount versions
- ▶ Decade address switches visible and selectable in two planes
- ▶ Wide angle LED visibility

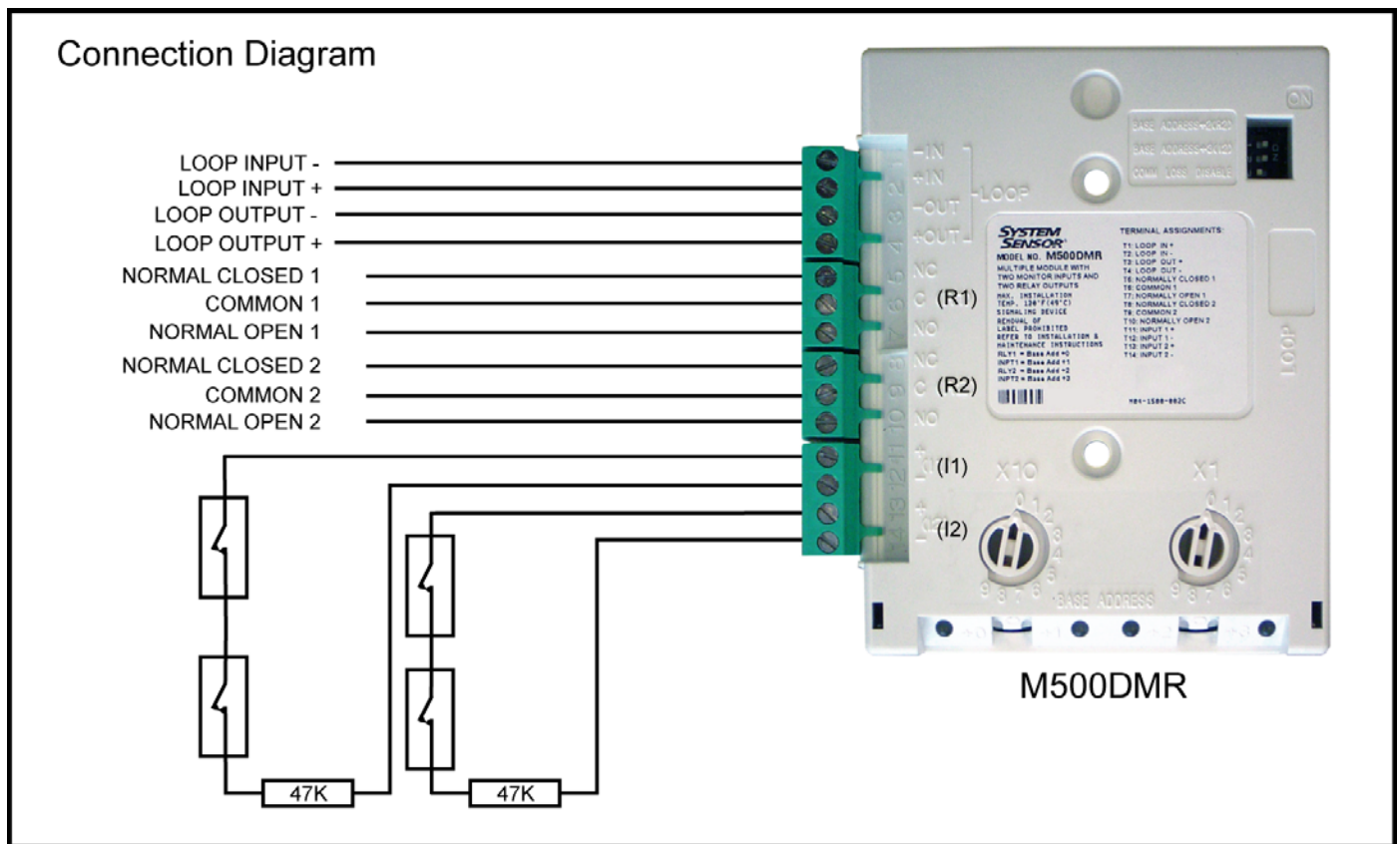


ISO 9001: 2008

International Standards
Certifications
QAC/R64/0012

Specifications:

- ▶ Operating Voltage Range: 15 to 32 Vdc
- ▶ EOL Resistance (monitor input): 47 Ω
- ▶ Supervisory Voltage (monitor input): 8.8 Vdc
- ▶ Standby Current for complete product: 1 mA
- ▶ Relay Contact Rating: 2 A @ 30 Vdc
- ▶ Operating Temperature: -5°C to 50°C
- ▶ Humidity: 10% to 93% RH, non condensing
- ▶ Module Dimensions : 108 x 94 x 24 (H x W x D mm)
- ▶ Surface Mount Box Dimensions : 132 x 137 x 40 (H x W x D mm)
- ▶ Maximum Wire Gauge: 2.5 mm²
- ▶ Addressing:
 - Module base address = Relay # 1 (R1)
 - Module base address +1 = Input # 1 (I1)
 - Module base address +2 = Relay # 2 (R2)
 - Module base address +3 = Input # 2 (I2)



Ordering Information:

NZS Code	Description	NZFPA Listing No
M500DMR	AA Dual Input + Dual Relay Output Module	
M200E - SMB	AA Euro Module Surface Mount Box	
M200 - DIN	M200E0DIN, DIN Rail Bracket 200 Series	

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