

## Head Office

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ISO 9001: 2000

International Standards  
 Certifications  
 QAC/R61/0051

### 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 help technicians in the maintenance and fault-finding process, both the LEDs and the address switches can be viewed without having to remove the cover of the surface mounting box.

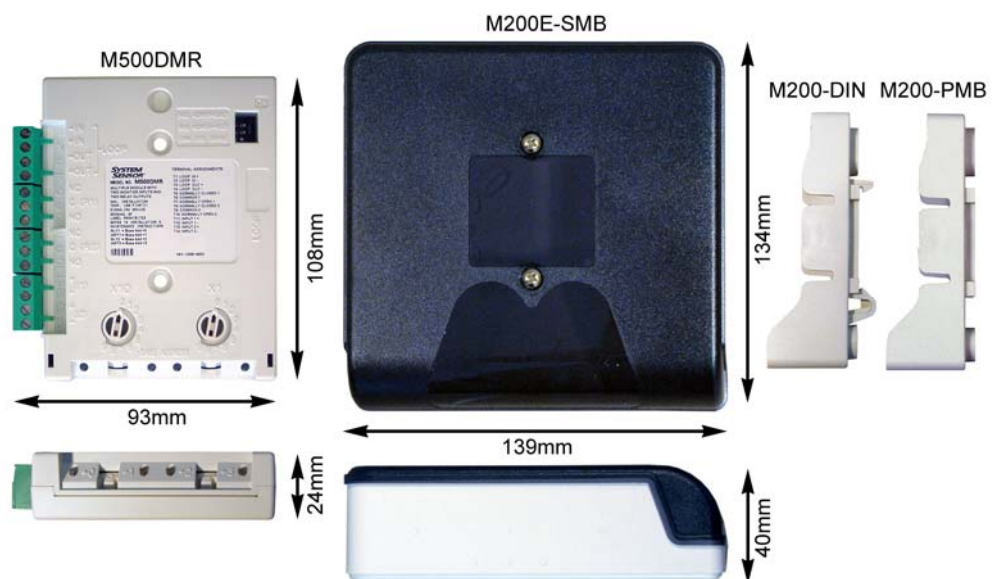
### Features:

- Dual Input, Dual Output Module
- Input 2 (I2) and Relay 2 (R2) can be individually disabled via module DIP switches
- 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

### M500DMR

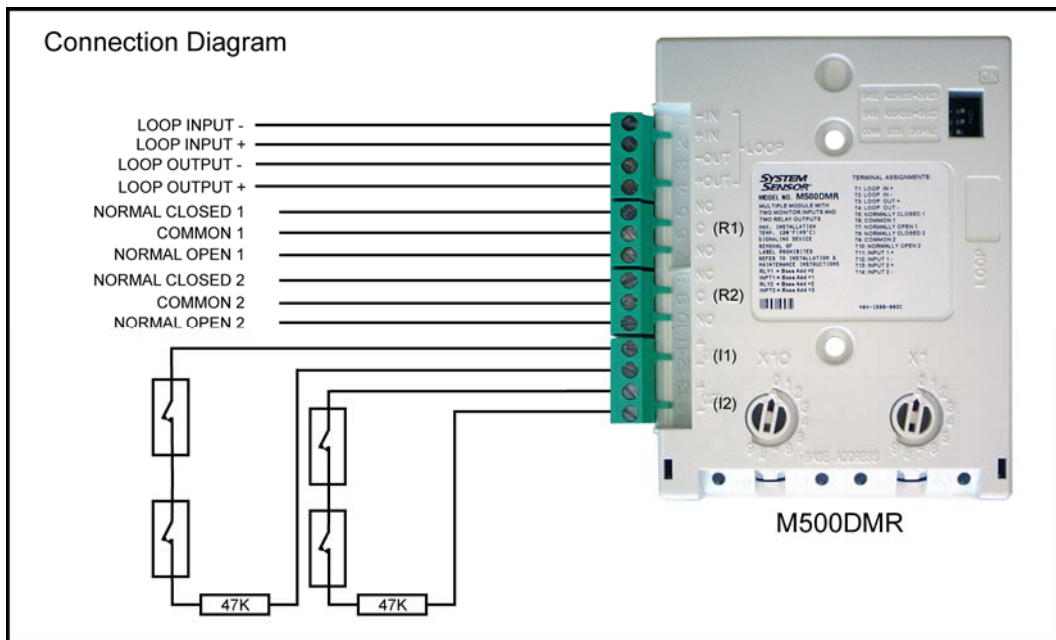
The M500DMR provides supervision of two input circuits respectively from external switch devices and also provides two unmonitored single pole volt-free changeover contacts for external devices. Input channels are capable of both latched and analogue supervision: there are three separate latched states,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

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



**Specifications:**

- Operating Voltage Range: 15 to 32VDC
- EOL Resistance (monitor input): 47K Ohms
- Supervisory Voltage (monitor input): 8.8 VDC
- Standby Current for complete product: 1mA
- Relay Contact Rating: 2 Amps @ 30 VDC
- Operating Temperature: -5 °C to 50 °C
- Humidity: 10% to 93% Relative Humidity (non condensing)
- Module Dimensions : 108mm(H) x 94mm(W) x 24mm(D)
- Surface Mount Box Dimensions : 132mm(H) x 137mm(W) x 40mm(D)
- Maximum Wire Gauge: 2.5mm<sup>2</sup>
- 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)



**Product Codes:**

**Description**

Module – Dual Input – Dual Output  
 Surface Mounting Box  
 DIN Rail Mounting Clip  
 Panel Mounting Clip

**Part Number**

M500DMR  
 M200E - SMB  
 M200 - DIN  
 M200 - PMB

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