

Intelligent Modules



The new family of input/output modules are available in single and multi-way models within the same mechanical package, reducing both the cost of installation and the mounting space required.

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 method chosen, the address switch is both visible and accessible for selection.

Each module has built-in short circuit protection for the communications loop; however, to increase application flexibility, the isolators can be selected/deselected on an individual module basis.

To help engineers in the maintenance and fault-finding process, both the LEDs and the switches can be viewed without having to remove the cover of the surface mounting box. The LEDs, being multi-colour, provide diagnostic information regarding the status of each individual input/output.

For ease of installation, testing and maintenance, the field wiring terminals are of plug-in design.

MI-MM3E

Intelligent micro monitor module



Complete with end of line resistor, complete with pig tail connections, direct decade address entry and LED output.

VdS number: G296024

MI-DMMI

Single supervised input module



The MI-DMMI module monitors a single input device circuit of normally open dry contact alarm activation devices.

Specifications

• Dimensions (W x H x D):	94 mm x 93 mm x 23 mm
• Weight:	90g
• Operating voltage:	15 to 30VDC peak
• Operating temperature:	-20°C to +60°C
• Non-condensing relative humidity:	0% to 95%
• Current consumption:	-310 µA @ 24 VDC (without comm.); -510 µA @ 24 VDC (one comm. every 5 sec. with LED blink enabled).

VdS number: G202145

MI-DMM2I

Double supervised input module



The MI-DMM2I dual monitor module provides two supervised input device circuits of normally open dry contact alarm activation devices.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 90g
- Operating voltage: 15 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: -340 μ A @ 24 VDC (without comm.),
-600 μ A @ 24 VDC (one comm. every 5 sec. with LED blink enabled).

VdS number: G202145

MI-DCMO

Single supervised output module



The MI-DCMO control module provides a monitored single output circuit for use with polarised loads (sounder circuit) which requires a suitable power source (7Vdc - 30Vdc) for the connected load. Alternatively the same device may be placed in to an unsupervised mode which can then be used to control any switched load up to 2A @ 30Vdc.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 102g
- Operating voltage: 15 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: -310 μ A @ 24 VDC (without comm.)
-510 μ A @ 24 VDC (one comm. every 5 sec. with LED blink enabled).

VdS number: G202146

MI-D21CMO

Double supervised input + single relay output



In addition the MI-D21CMO dual input, single relay output module, as well as providing two supervised inputs also provides a single change over relay output rated at 2A @30Vdc.

The MI-DCMO module uses two addresses and the MI-D21CMO uses three addresses of 99 available module addresses on a loop and responds to regular polls from the control panel reporting its type and the status (open/ normal/ short) of their supervised device circuits.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 102g
- Operating voltage: 5 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: -340 μ A @ 24 VDC (without comm.)
-660 μ A @ 24 VDC (one comm. every 5 sec. with LED blink enabled)

VdS number: G202144

MI-D240CMO**Single 240VAC/5A relay module**

The MI-D240CMO provides two (1 x N.O. 1 x N.C.) 250Vac (nominal 230Vac), 5Amp contact outputs.

The MI-D240CMO is provided complete with a surface mounting back box.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 200g
- Operating voltage: 15 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: - 275 μ A @ 24 VDC (without comm.)
- 445 μ A @ 24 VDC (one comm. every 5 sec. with LED blink enabled)

VdS number: G202146; CPD number: 0786-CPD-20340

MI-D240CMO-DIN**Single 240VAC/5A relay module (DIN rail mount.)**

The MI-D240CMO-DIN provides two (1 x N.O. 1 x N.C.) 250Vac (nominal 230Vac), 5Amp contact outputs.

Complete with DIN mounting enclosure, direct decade address entry and tri-colour LED's complete with built-in isolator.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 195g
- Operating voltage: 15 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: -275 μ A @ 24 VDC (without comm.)
- 445 μ A @ 24 VDC (one comm. every 5 sec. with LED blink enabled)

VdS number: G202161; CPD number: 0786-CPD-20341

MI-DISO**Single isolator module**

Complete with plug-in screw connections and tri-colour LED.

Specifications

- Dimensions (W x H x D): 94 mm x 93 mm x 23 mm
- Weight: 62g
- Operating voltage: 15 to 30VDC peak
- Operating temperature: -20°C to +60°C
- Non-condensing relative humidity: 0% to 95%
- Current consumption: 200 μ A @ 24 VDC

VdS number: G202142

MI-DCZRM**Conventional zone input module**

Complete with end of line resistors, plug-in screw connections, direct decade address entry and tri-colour LED's complete with built-in isolator.

Specifications

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|-------------------------------------|---|
| • Dimensions (W x H x D): | 94 mm x 93 mm x 23 mm |
| • Weight: | 90g |
| • Operating voltage: | 15 to 30VDC peak |
| • Operating temperature: | -20°C to +60°C |
| • Non-condensing relative humidity: | 0% to 95% |
| • Current consumption: | -310 µA @ 24 VDC (without comm.);
- 510 µA @ 24 VDC (one comm. every 5 sec. with LED blink enabled). |

CPD number: 832-CPD-1391

ISO524-1**Micro isolator module**

To build inside SR3T back box of intelligent call point.

M200-SMB**Surface mount box**

To be used with MI series modules.

Specifications

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|---------------------------|-------------------------|
| • Dimensions (W x H x D): | 139 mm x 134 mm x 40 mm |
|---------------------------|-------------------------|

For more information on these products, please contact us:



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