

# features

- DIN rail mounting option
- Surface mounting option
- Tri-colour LED status indication
- Built-in Short Circuit Isolators
- Visible Address selector switches
- LED status visible in 2 planes
- Plug in connectors
- Approved to GEA GEI 1-082 and CEA GEI 1-084

The Morley-IAS MI-DCMO control output module is used with the ZX series of intelligent control panels to provide either a single alarm circuit or Form C relay.

The MI-DCMO can be used to operate dry contacts for door holders, air handling unit shut down or other similar functions. Optionally the module can be used to supervise wiring to the output load providing monitoring of the external load voltage or power supply. If the monitored voltage falls below threshold then a fault condition will be indicated.

Each MI-DCMO uses one of the ninety-nine possible module addresses available on a loop. It responds to regular polling from the control panel indicated by a pulsing LED every successful communication. On command from the control panel the MI-DCMO will disconnect the supervision and connect the external power supply across the load. The disconnection of the supervision provides a positive indication to the control panel that the relay is activated. The MI-DCMO has a built-in isolator which may be switched out if required.

The MI-DCMO uses a unique mechanical design allowing each module to be mounted either in a wall box (M200-SMB) or on a DIN rail (using M200-DIN). Irrespective of the mounting method chosen, the address switch is both visible and accessible for selection. To help engineers 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 mounting box. The LEDs, being multi colour, provide diagnostic information regarding the status of the output. For ease of installation, testing and maintenance, the field wiring terminals are of a plug in design.



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# MI-DCMO Addressable Control Output Module Data Sheet

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# mechanical

Dimensions (H x W x D) 93 x 94 x 23 (mm)  
Weight 110g  
Operating Temperature -20 °C to +60 °C  
Humidity 0 to 95% maximum non-condensing

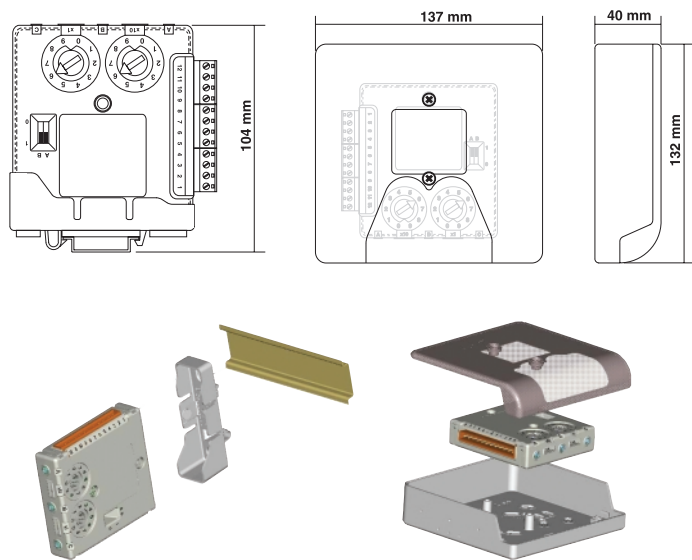
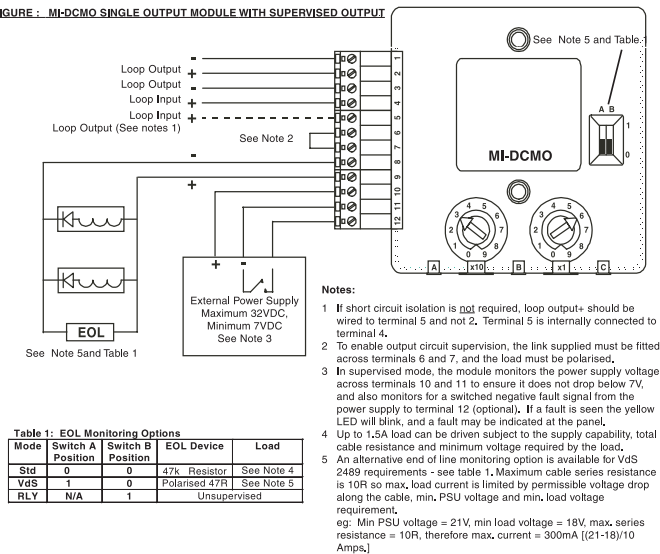


FIGURE : MI-DCMO SINGLE OUTPUT MODULE WITH SUPERVISED OUTPUT



# electrical

Operating voltage 15 to 30 Vdc  
Standby current  
No comms 310µA at 24 Vdc maximum  
1 comms every 5 seconds with LED blink 510µA at 24 Vdc maximum  
Terminal Wire 2.5 mm<sup>2</sup> maximum  
Relay Form C  
Unsupervised 2A at 30 Vdc, resistive load.  
Supervised 1.5A at 30 Vdc, resistive load.

# part numbers

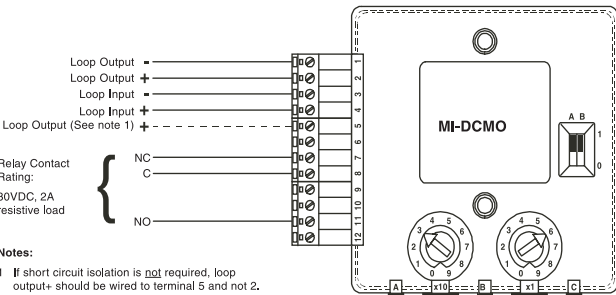
MI-DCMO Single channel addressable output module

# accessories

M200E-SMB Surface mounting box

M200E-DIN DIN rail mounting clip

FIGURE : MI-DCMO SINGLE OUTPUT MODULE WITH UNSUPERVISED OUTPUT



# local distributor

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