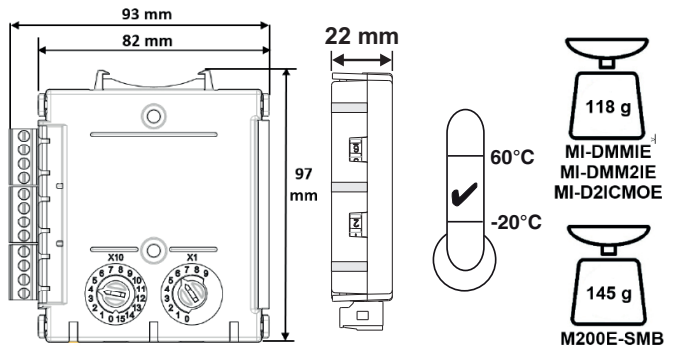
Honeywell MI-DMMIE MI-DMM2IE MI-D2ICMOE



EN INSTALLATION INSTRUCTIONS - MI-DMMIE / MI-DMM2IE INPUT MODULES, MI-D2ICMOE INPUT /OUTPUT MODULE

This manual is intended as a quick reference installation guide. Please refer to the control panel manufacturers installation manual for detailed system information.

The Morley series of modules are a family of microprocessor controlled interface devices permitting the monitoring and/or control of auxiliary devices.

MI-DMMIE SINGLE CHANNEL INPUT MODULE

Provides single channel monitoring of normally open contact fire alarm and supervisory devices.

The MI-DMMIE has a single tri-colour green/red/yellow LED, which can be set by panel command to pulse green each time the module is polled. In case of an alarm the panel can switch the red indicator on continuously. The Yellow LED is controlled by the module and blinks to indicate an open circuit on the input circuit. This fault indication is overridden by a panel command to turn the red LED on.

MI-DMM2IE DUAL CHANNEL INPUT MODULE

This is a dual channel module used for the monitoring of normally open contact fire alarm and supervisory devices.

It has two tri-colour LED's, one referring to each channel. Each LED can be set by panel command to pulse green each time the module channel is polled. In case of an alarm the panel can switch the red indicator on continuously. The Yellow LED is controlled by the module and blinks to indicate an open circuit on the input circuit. This fault indication is always overridden by a panel command to turn the red LED on.

MI-D2ICMOE DUAL INPUT, SINGLE OUTPUT MODULE

This module provides dual channel monitoring of normally open contact fire alarm and supervisory devices, and also provides single pole changeover contacts for the control of auxiliary devices such as fire shutters and sounders.

Three tri-colour LED's are provided to indicate the status of each channel.

LED's **IN1** and **IN2** refer to the two input channels. Each LED can be set by panel command to pulse green each time the module channel is polled. In case of an alarm the panel can switch the red indicator on continuously.

LED **OUT** refers to the output channel. The LED can be set by panel command to pulse green each time the channel is polled. The LED will be switched continuously on green by command from the control panel when the relay contacts are in the energised state.

The MI-D2ICMOE relay contact ratings are 30VDC, 2A (Resistive load).

SPECIFICATIONS

Operating Voltage Range:	15 to 32VDC (Min 16.5VDC for LED operation)
Maximum Standby Current:	140 µA @24 V and 25°C (no communication)
LED Current (Red):	1.5 mA
LED Current (Yellow):	5.5 mA
Isolator features:	see S00-7100
Humidity:	5% to 95% relative humidity (non-condensing)
Maximum Wire Gauge	2.5 mm²

INSTALLATION

Note: These modules must only be connected to control panels using compatible proprietary analogue addressable communication protocols for monitoring and control.

Morley series modules can be mounted in several ways (See **Figure 1**):

1:1 An M200E-SMB custom low profile surface-mounting box. The SMB Base is affixed to mounting surface, and then the module and cover are screwed onto the base using the two screws supplied. Box dimensions: 132 mm (H) x 137 mm (W) x 40 mm (D)

1:2 The DIN bracket on top allows mounting onto standard 35 mm x 7.5 mm "Top Hat" DIN rail inside a control panel or other suitable enclosure. Install and remove as shown in **Figure 1:2**.

Wiring to all series Morley modules is via plug in type terminals capable of supporting conductors up to 2.5 mm²

CAUTION

Disconnect loop power before installing modules or sensors.

The module address is selected by means of rotary decade address switches (see **Figure 4**). A screwdriver should be used to rotate the wheels to select the desired address, either from the front or the top of the module.

For modules having more than one channel, the address selected will refer to the first input channel, the module will automatically assign the next one or two addresses as appropriate to the second input channel and output channel. As a result, address 159 will be invalid for dual channel modules, and addresses 158 and 159 are invalid for three channel modules. If these addresses are selected, no response will be seen from the module (not relevant if using Advanced Protocol - consult panel manufacturer if in doubt).

Note: Some control panels are only able to use 99 addresses. If this is the case, 99 will be invalid for dual channel modules, and addresses 98 and 99 are invalid for three channel modules.

Fig./Abb. 1

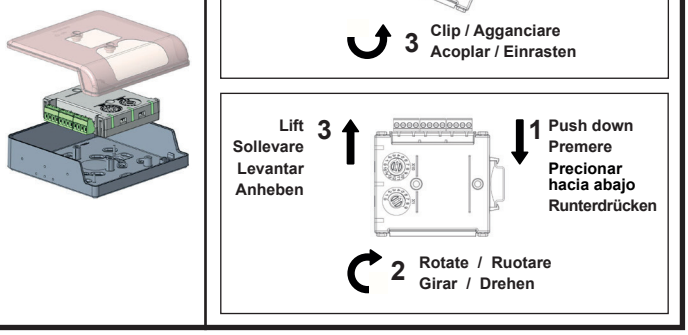


Fig./Abb. 2

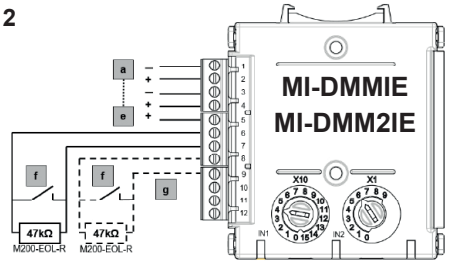
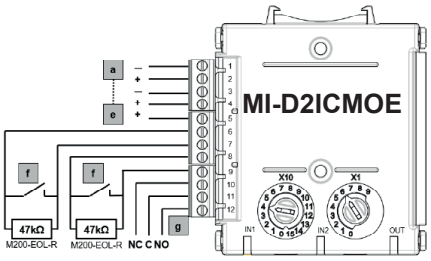


Fig./Abb. 3



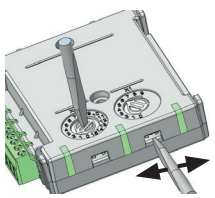


Fig./Abb. 4

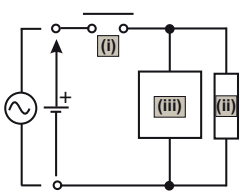


Fig./Abb. 5

CE 0905 21	MI-DMMIE: DOP-IOD082 MI-DMM2IE: DOP-IOD083 MI-D2ICMOE: DOP-IOD084 EN54-17: 2005, EN54-18: 2005	Honeywell Morley-IAS Pittway Tecnologica S.r.l Via Caboto 19/3 34147 Trieste, Italy