

# Four Channel Relay Override Module IOMR4

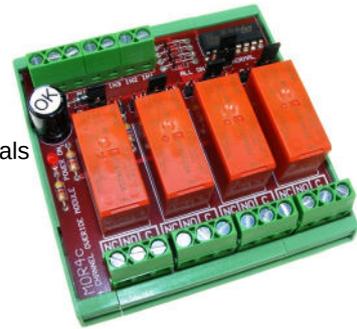
## Description

The IOMR4 is designed for applications which require independent manual override of digital output channels from BMS Controllers. The outputs can be switched without a controller being present which makes the IOMR4 useful for temporary control or commissioning. Link selection enables up to 4 outputs to be switched from Input 1. High Quality Rising Clamp Terminals are used for all connections.

The IOMR4 is powered by 24V ac or dc and features LED indication of Power ON and LED indication for each energised relay. The IOMR4C is designed to mount on TS35 section DIN Rail.

## Features

- 4 x 0-10V dc Input
- 4 x SPCO Relay Outputs
- On/Off/Auto Override
- High Quality Rising Clamp Terminals
- DIN Rail Mounting (TS35)
- LED Indication



## Technical Specification

- Input Signal: 4 x 0-10V dc, (2mA typical)
- Must Operate: 5V dc
- Output Contacts: 4 x SPCO
- Contact Rating: 12A/250V ac (res.)
- Power Supply: 24V ac or dc +/-10%
- Manual Override: ON/OFF/AUTO (Link Selectable)
- Terminals: Rising Clamp for 0.5-2.5mm<sup>2</sup> Cable
- LED Indicators: ON when relay energised
- Ambient Range: 0 to 50°C
- Dimensions: 78mm(w) x 92.5mm(h) x 48mm (approx.)

## Order Code

IOMR4 Four Channel Relay Override Module

## Configuration

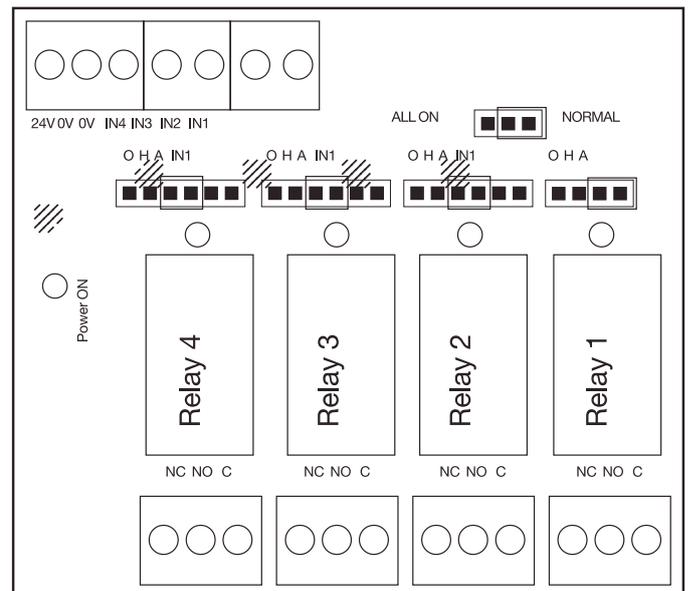
The IOMR4 is designed for applications which require independent manual override of digital output channels from BEMS Controllers. The outputs can be switched without a controller being present which makes the IOMR4 useful for temporary control or commissioning. Link selection enables up to 4 outputs to be switched from Input 1.

NB: The IOMR4 may be powered from a grounded 24Vac supply, or from a 24Vdc supply. If the IOMR4 is used with a floating 24Vac supply, the IOMR4 will ground one side through the 0V signal terminal.

## Installation

1. The IO module should only be installed by a qualified technician.
2. Disconnect power before carrying out any work on the IOMR4
3. Maximum cable is 2.5mm<sup>2</sup>, care must be taken not to over tighten terminals.
4. Strictly follow the wiring diagram below. Either 24VDC or 24VAC can be used.
5. The relay outputs are single Pole Change Over (SPCO) so they can be wired as Normally Open (NO) or Normally Closed (NC).

## Wiring



## Jumper Operation

