ECP

Single Relay Module Fixed Setpoint IOMR1

Description

The IOMR1 is designed to provide a manual override of the output from a BMS Controller (or similar) and is particularly useful for commissioning or temporary control applications. The IOMR1 can also be used as an alternative to the IO-RM1-12DC relay module, with the added advantages of ON/OFF/AUTO Links The unit has a fixed switchpoint at 6V.

Features

- 0/10 Vdc Input
- Fixed switchpoint at 6Vdc
- 24V ac or dc powered
- Complete with DIN carrier
- ON/OFF/AUTO links for commissioning
- LED indication

Technical Specification

Supply Voltage:	24V ac or dc
Input Signal:	0/10Vdc
Switchpoint.:	6Vdc
Output contacts:	1 x SPCO
Rating:	12A @ 230Vac
LED Indication:	ON when relay is energised
Ambient:	0°C to 40°C/5-90% RH
Storage:	0/+50°C
Terminals:	Rising clamp 0.5-2.5mm² cable
Dimensions:	76mm(H) x 23mm(W) x 45mm approx
Country of Origin:	United Kingdom

Installation

The IOMR1 should be installed by a suitably qualified technician in conjunction with any guidelines for the equipment which it is to be connected to. Field wiring should installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to using screened cabled where necessary.

Warning: The IOMR1 is designed to switch mains voltage and therefore dangerous voltages may be present on the module. Ensure that the power is isolated before working on this module.

The IOMR1 would typically be located within the controller section of a BMS control panel. The module can be snapped on to standard "top hat" profile DIN rail by levering the clip downwards to allow the unit to locate without the need for excessive force.

Order Code

IOMR1   Single Relay Module Fixed Setpoint

AHO Jumper Link:

A Position:

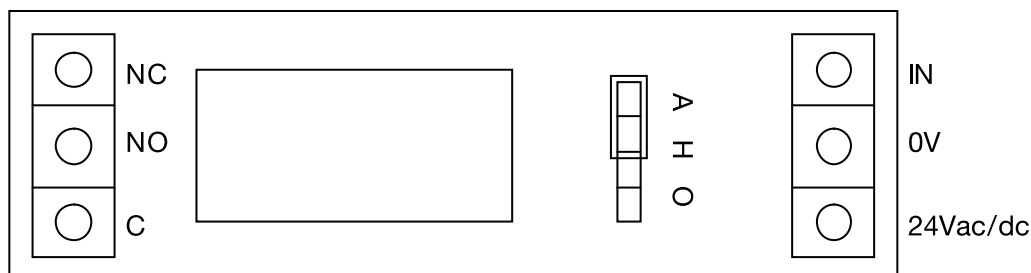IOMR1 responds to a 0 to 10Vdc Input signal and the relay energises at approximately 6Vdc.

H Position:

The relay is energised, regardless of the input signal.

O Position:

The relay does not operate regardless of the input signal.

Wiring