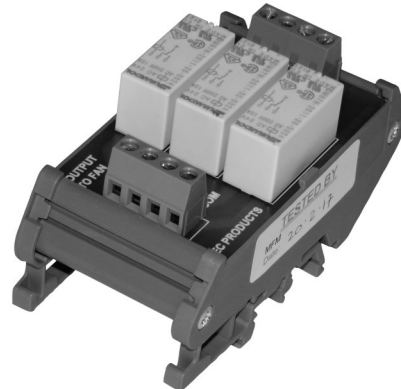




Fan Speed Relay Module IO-FRM3***

Description:

The IO-FRM3 is an interlocked, three relay module. Intended for use as a fan speed switch, the unit can be used to change fan speeds on fan motors with multi-tapped windings and also transformer speed controlled motors. The 'change-over' design of the relay contact configuration and common switching point ensure that the only set of contacts is active at any one time, thus preventing short circuits. available with 230Vac or 24Vac coils.



Technical Specification:

Inputs:	230Vac or 24Vac options
Outputs:	Common and 3 Volt-free contact switched outputs
Contact Rating:	12A @250Vac resistive (inductive current depends on load—typically 5A inductive)
Terminals:	Rising clamp for 0.5-2.5mm ² cable
Dimensions:	32 x 82 x 47mm Fits on to standard TS35 DIN rail section
Weight:	82gms
Ambient Temperature:	0 to 50°C
Country of Origin:	United Kingdom

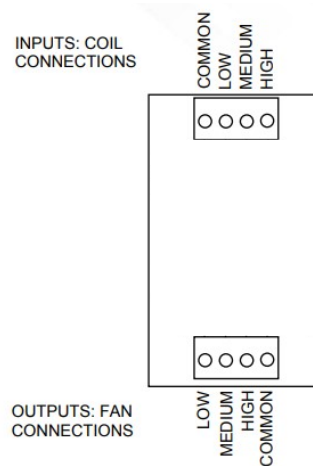
Features:

- ◆ Interlocked relays allow only one output at a time
- ◆ High and low voltage relay coil options
- ◆ Mounting: DIN rail
- ◆ Switches up to 12 Amps

Order Codes:

IO-FRM3-24	Fan Speed Relay Module 24Vac— DIN rail
IO-FRM3-230	Fan Speed Relay Module 230Vac— DIN rail

Connections:



Installation Details:

The IO-FRM3 should be installed by a suitably qualified Installer in conjunction with any guidelines for the equipment it is to be connected to and any local regulations. Field wiring should be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to.

Wiring to the input terminals is the same for all modules. Ensure that the voltage is correct for the IO-FRM3 in use.

If more than one fan speed becomes live simultaneously, the highest fan speed will have precedence.

Connections for a fan motor with multi-tapped windings: Connect the 'Output Common' terminal to the live supply, and then connect the fan tapping's to the relevant Output Low, Medium and High terminals.

Connections for the transformer based speed control: Connect the transformers tapping's to the relevant Output Low, Medium and High terminals and connect the 'Output Common' terminal to the fan live supply.

EC Products Limited

EC House, Amberley Way, Hounslow,
Middlesex. TW4 6BH. United Kingdom
Tel: +44 (0)20 8569 4100 Fax: +44 (0)20 8569 4111