

Product Overview

The AX-FRM3-D30ET is a cost effective, DIN Rail mounted module that provides high capacity, interlocked fan speed switching relays with an integrated 24Vac transformer. The relays can switch up to 6 Amps at 250Vac.

The module can be used to change the speeds on fan motors with multi-tapped windings and also transformer speed controlled motors. The transformer is fitted with fuses on both the input and output; no external fuses are required.

The AX-FRM3-D30ET also features high-quality rising clamp terminals and is supplied on a TS35 DIN rail carrier for rapid installation.

Features

- Integral fuses on input and output
- Transformer rating 30VA
- Extended temperature range
- LED indicators for relay status
- High quality rising clamp terminals
- Switch up to 250Vac at 6A with interlocked relays
- Interlocked relays allow only one output on at a time

Product Specifications

Inputs:	Power:	230V~ 50/60Hz ±15%
	Relays:	24Vac/dc contacts with common 0V
Outputs:	Supply:	24Vac at 30VA
	Fan Speed:	Common and three Switched Live, interlocked relay outputs
Fuse Rating:	230Vac Input:	20mm slow blow, 6A
	24Vac Output:	20mm slow blow, 1.6A
Contact Rating:		6A @ 250Vac inductive
Terminals:		Rising clamp for 0.5-2.5mm ² cable
Ambient Temperature:		-10 to +50°C 0-95% RH (non-condensing)
Dimensions & Weight:		104 x 85 x 62mm, 715grams
Country of Origin:		United Kingdom

Order Codes

AX-FRM3-D30ET

Fan Speed Relay Module with 230Vac/24Vac 30VA Transformer

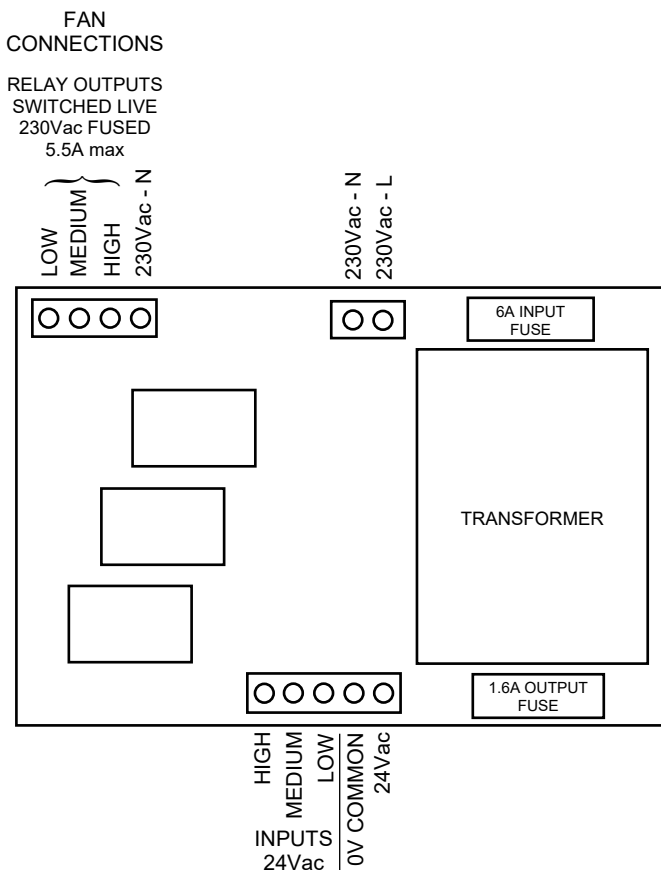
Installation

This range of modules should be installed by a suitably qualified technician 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.

Connections

Please refer to the individual connection drawings for each module type.

If more than one fan speed is selected simultaneously, the highest fan speed will have precedence.



The Fan relay outputs have a common connection terminal to the Neutral supply. The switched output terminals are all switched from the fused Live supply.

The Fan relay coil connections all share the '0V Common' connection of the transformer.

Datasheet Contents

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