

AX-CNDR-RMAF



AX-CNDR-RMAF-E

Product overview

The AX-CNDR-RMAF-x are a range of relay modules dedicated for use as a remote fan speed switch with the AX-CNDR range of Digital Room Controllers. The interlocked design of the three relays and common switching point ensure that only one set of relay contacts is active at any time.

The 24Vac version is available in an open or closed DIN rail carrier. The 230Vac version is only available in an enclosed DIN rail carrier, and provides a supply for the AX-CNDR and also 24Vac at 6VA output to power actuators etc.

All units fit on to standard TS35 DIN rail

Features

- For direct connection to the AX-CNDR Digital Room Controllers
- Interlocked relays allow only one output on at a time
- AX-CNDR-RMAF-ETx provides supply for CNDR and additional 24Vac output for actuator supply
- Switch up to 8 Amps resistive

Product specification

Power Supply:		24Vac ($\pm 15\%$)
	-ET6 and -ET10 only	230Vac ($\pm 10\%$)
Fan speed input:		From AX-CNDR Digital Room Controller
Fan Relay Contact Rating:		8A resistive at 250Vac
Output supply:	-ET6 only	Supply for AX-CNDR and additional 24Vac ($\pm 15\%$) at 6VA max
	-ET10 only	Supply for AX-CNDR and additional 24Vac ($\pm 15\%$) at 10VA max
Fuses:	-ET6 and -ET10 only	230Vac input 250mA slow blow, 24Vac output 1A slow blow
Terminals:		Rising clamp for 0.5-1.5mm ² cable
Weight & Dimensions:	AX-CNDR-RMAF	100 g, 68(W) x 82(H) x 49(D) mm
	AX-CNDR-RMAF-E	110 g, 52(W) x 86(H) x 58(D) mm
	AX-CNDR-RMAF-ET6	380 g, 105(W) x 86(H) x 58(D) mm
Housing:	AX-CNDR-RMAF-E, ETx	IP20 Lexan/Noryl flame retardant UL94-V0
Ambient Temperature Range:		0°C to 50°C
Country of Origin:		United Kingdom

Order codes

AX-CNDR-RMAF	Fan Speed Relay Module for AX-CNDR, 24Vac
AX-CNDR-RMAF-E	Fan Speed Relay Module for AX-CNDR, enclosed, 24Vac
AX-CNDR-RMAF-ET6	Fan Speed Relay Module for AX-CNDR, enclosed, 230V-24Vac 6VA output Transformer
AX-CNDR-RMAF-ET10	Fan Speed Relay Module for AX-CNDR, enclosed, 230Vac-24Vac 10VA output Transformer

ANNICOM Ltd

Unit 21 Highview, High Street, Bordon, Hampshire. GU35 0AX

Tel: +44 (0)1420 487788 Fax: +44 (0)1420 487799

Email: sales@annicom.com Website: www.annicom.com

PROVISIONAL

Installation

The unit 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.

Description and connections

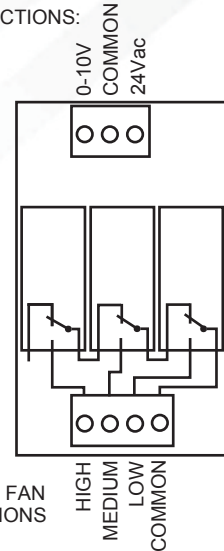
Fan motor with multi-tapped windings: Connect the 'Output Common' terminal to the live supply, and then connect the fan tapplings to the relevant Output Low, Medium and High terminals.

Transformer based speed control: Connect the transformer tapplings to the relevant Output Low, Medium and High terminals and connect the 'Output Common' terminal to the fan live supply.

The AX-CNDR-RMAF-Etx units can be used as a 'wiring centre' for the AX-CNDR, and include through connections for the heating/cooling and a remote sensor - see diagram below. The 24Vac output to the heating and/or cooling actuators must not exceed 6 or 10VA in total.

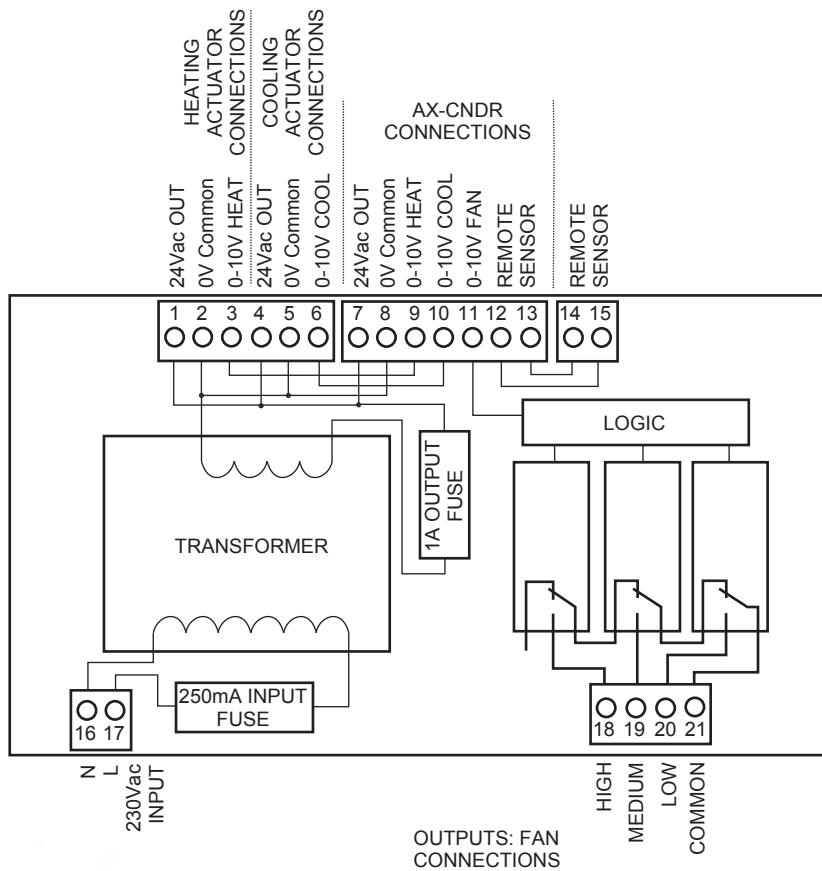
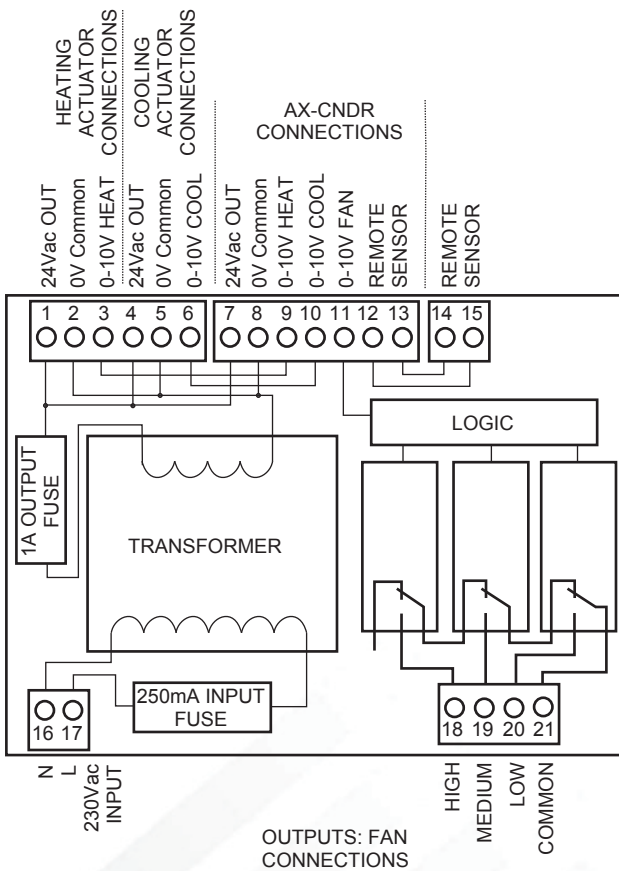
AX-CNDR-RMAF / AX-CNDR-RMAF-E

AX-CNDR CONNECTIONS:



AX-CNDR-RMAF-ET6

AX-CNDR-RMAF-ET10



Datasheet contents

Every effort has been taken in the production of this data sheet to ensure accuracy. Annicom do not accept responsibility for any damage, expense, injury, loss or consequential loss resulting from any errors or omissions. Annicom has a policy of continuous improvement and reserves the right to change this specification without notice.