

Product Overview

The AX-RM1-2 Series comprises a range of double pole relays mounted in DIN rail bases, with 12Vdc, 24Vdc, 24Vac, 110Vac and 230Vac coils. A range of optional function modules which plug into the base is available. Designed to mount on TS35 Section DIN Rail.

Features

- 2 x 8A / 250Vac DPCO Contact
- Large Range of AC and DC Coil options
- Complete with DIN carrier and retaining clip
- Low current draw 10Vdc version

Product Specifications

Coil Voltage:	AX-RM1-2-12Vdc	12Vdc
	AX-RM1-2-24AC	24Vac
	AX-RM1-2-24DC	24Vdc
	AX-RM1-2-115AC	115Vac
	AX-RM1-2-240AC	240Vac
Contact Rating:	2 x DPCO 8A @ 250Vac	
Max. Breaking Voltage:	440Vac	
Rated Breaking Capacity:	2000VA	
Dielectric Strength:	5000V _{rms} (coil / contact)	
Contact Material:	AgNi 90/10	
Terminals:	Rising Clamp for 0.5-2.5mm ² cable	
Ambient Temperature Range:	-25°C to 85°C	
Dimensions:	77 x 15.5 x 69mm (max.)	
Country of Origin:	United Kingdom	

Order Codes

AX-RM1-2-12Vdc	DPCO Relay Module 12Vdc Coil
AX-RM1-2-24AC	DPCO Relay Module 24Vac Coil
AX-RM1-2-24DC	DPCO Relay Module 24Vdc Coil
AX-RM1-2-115AC	DPCO Relay Module 115Vac Coil
AX-RM1-2-240AC	DPCO Relay Module 240Vac Coil

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AX-RM1-2

Two Pole Single Relay Module



Installation

The AX-RM1-2-x 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 be installed to satisfy the requirements set out by the manufacturer of the equipment that the module is being connected to using screened cable where necessary.

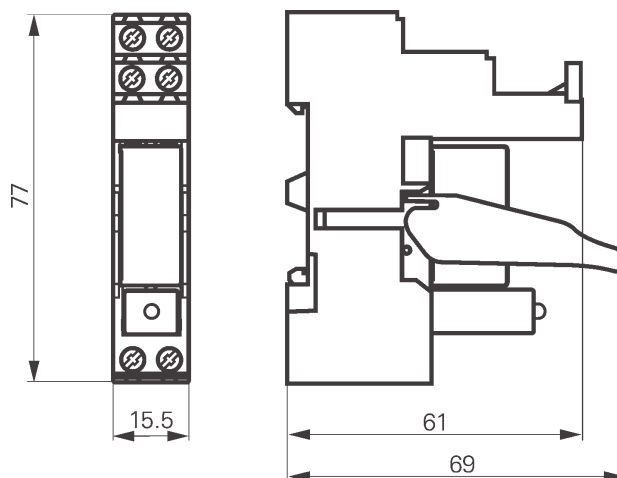
WARNING

The AX-RM1-2 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 AX-RM1-2 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 leveraging the clip downwards to allow the unit to locate without the need for excessive force.

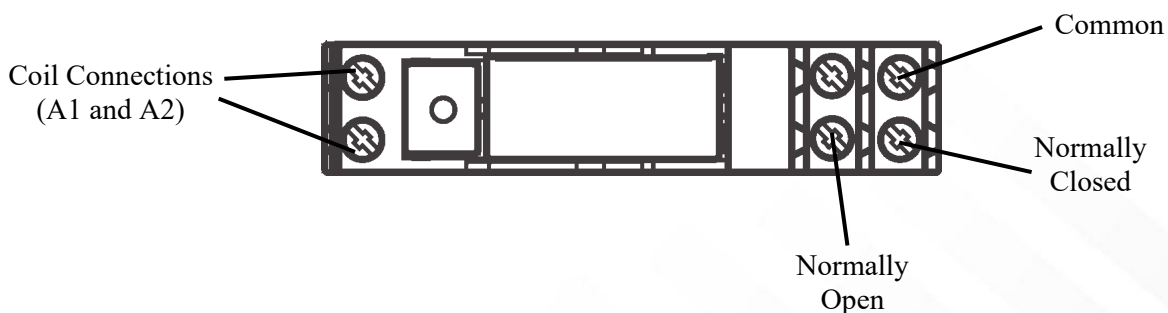
Model	Nominal Coil Voltage	Coil Resistance	Coil Current	Contact Rating @ 250Vac (resistive)
RM1-2-12Vdc	12Vdc	360R \pm 10%	33.3mA	8A
RM1-2-24DC	24Vdc	1140R \pm 10%	16.7mA	8A
RM1-2-24AC	24Vac	350R \pm 10%	31.6mA	8A
RM1-2-115AC	115Vac	8100R \pm 15%	6.6mA	8A
RM1-2-230AC	230Vac	32500R \pm 15%	3.2mA	8A

Dimensions



Connection

The diagram below shows the terminal designations for the AX-RM1.



Datasheet Contents

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