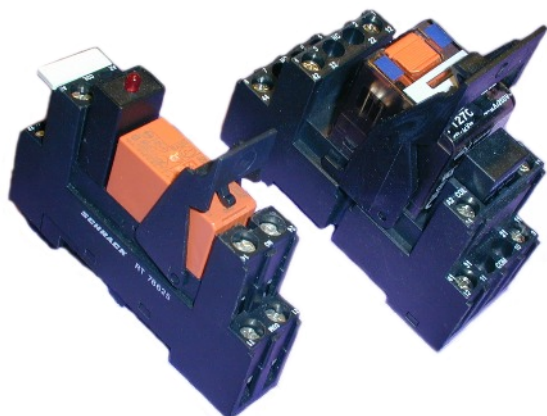


# AX-RM1-3 and -4

## Three Pole and Four Pole Single Relay Module

# AXIO



### Product overview

The AX-RM1-3 and AX-RM1-4 series comprise a range of high quality 3 Pole and industry standard footprint 4 Pole relays mounted in DIN Rail bases. Variants are available with 24Vdc, 24Vac, 115Vac and 230Vac coils - other versions available on special request. The DIN Rail base is designed to be a snap fit onto TS35 section DIN Rail.

### Features

- 3 x 10A / 250Vac SPCO Contact
- 4 x 6A / 250Vac SPCO Contact
- Large Range of AC and DC Coil Options
- Complete with DIN Carrier and Retaining Clip
- High Quality Rising clamp terminals with captive screws

### Product specifications

Coil Voltage:	AX-RM1-x-12Vdc	12Vdc
	AX-RM1-x-24AC	24Vac
	AX-RM1-x-24DC	24Vdc
	AX-RM1-x-115AC	115Vac
	AX-RM1-x-240AC	240Vac
Contact Rating:	-3	3 x SPCO 10A @ 250Vac
	-4	4 x SPCO 6A @ 250Vac
Max. Breaking Voltage:		440Vac
Rated Breaking Capacity:	-3	2500VA
	-4	1500VA
Dielectric Strength:		5000V <sub>rms</sub> (coil / contact)
Contact Material:		AgNi 90/10
Terminals:		Rising clamp for 0.5-2.5mm <sup>2</sup> cable
Ambient Temperature:		-40°C to 70°C
Protection Category:		IP20
Country of Origin:		United Kingdom

### Order codes Where x -3 is three pole -4 is 4 pole

AX-RM1-x-12Vdc	SPCO Relay Module 12Vdc Coil
AX-RM1-x-24AC	SPCO Relay Module 24Vac Coil
AX-RM1-x-24DC	SPCO Relay Module 24Vdc Coil
AX-RM1-x-115AC	SPCO Relay Module 115Vac Coil
AX-RM1-x-240AC	SPCO Relay Module 240Vac Coil

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# AX-RM1-3 and -4

## Three Pole and Four Pole Single Relay Module



### Installation

The AX-RM1-3 and AX-RM1-4 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 cabled where necessary.

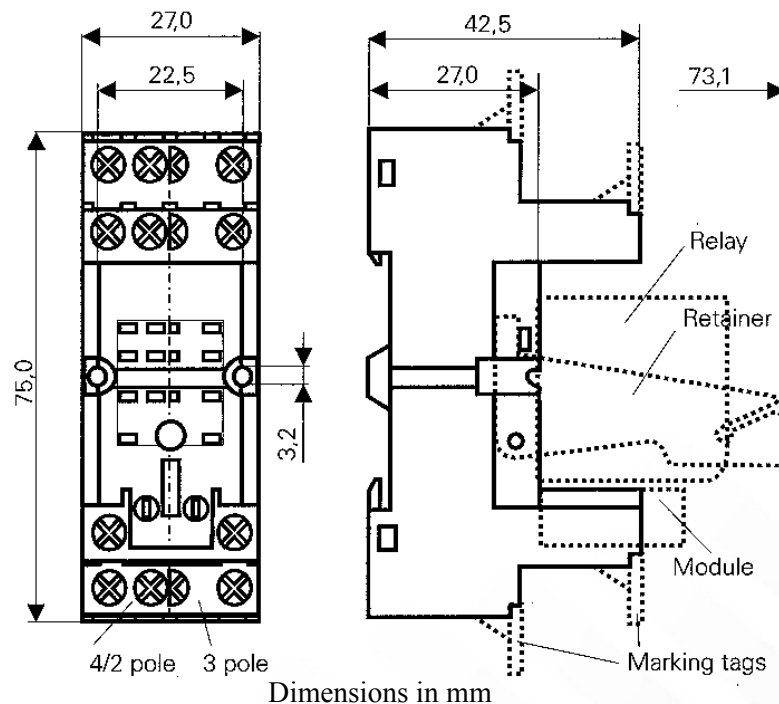
### WARNING

The AX-RM1-3 and AX-RM1-4 are 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-RM1-3 and AX-RM1-4 would typically be located within the controller section of a BMS control. The module can be snapped on the standard “top hat” profile DIN rail by levering the clip downwards to allow the unit to locate without the need for excessive force.

Model	Nominal Coil Voltage	Coil Resistance	Coil Current	Number of Poles	Contact Rating @ 250Vac (resistive)
AX-RM1-3-24DC	24Vdc	777R ±10%	31.3mA	3	10A
AX-RM1-4-24DC	24Vdc	777R ±10%	31.3mA	4	6A
AX-RM1-3-24AC	24Vac	192R ±10%	41.6mA	3	10A
AX-RM1-4-24AC	24Vac	192R ±10%	41.6mA	4	6A
AX-RM1-3-115AC	115Vac	4845R ±12%	8.8mA	3	10A
AX-RM1-4-115AC	115Vac	4845R ±12%	8.8mA	4	6A
AX-RM1-3-230AC	230Vac	19465R ±15%	4.3mA	3	10A
AX-RM1-4-230AC	230Vac	19465R ±15%	4.3mA	4	6A

### Dimensions



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.