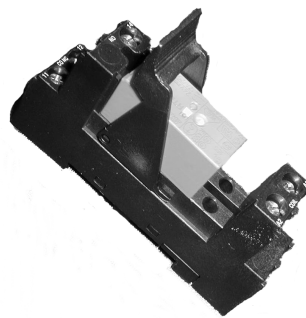


**Product Code: AX-RM1c...Series  
Interface Relays**

**AXIO**



## FEATURES

- AC & DC Coils ( Various Voltages )
- 1 x 12A/250Vac SPCO Contact
- Sensitive Coil Version for 10V dc ( 10A Contact )
- Retainer Clip with Ejector Function
- DIN Rail Mounting (TS35)
- High Quality Rising Clamp Terminals with captive screws
- Optional LED and Protection Modules

The AX-RM1c...Series comprises a range of relays mounted in DIN Rail bases. A version with a 10A/250Vac SPCO contact is available with high sensitivity, 12V dc (250mW), coil suitable for use with the 0-10Vdc output from a BMS Controller. Other variants, with 12A/250Vac contacts, are available with 24V dc, 24V ac, 110V ac and 230V ac coils.

Designed to mount on TS35 Section DIN Rail.

## Specification

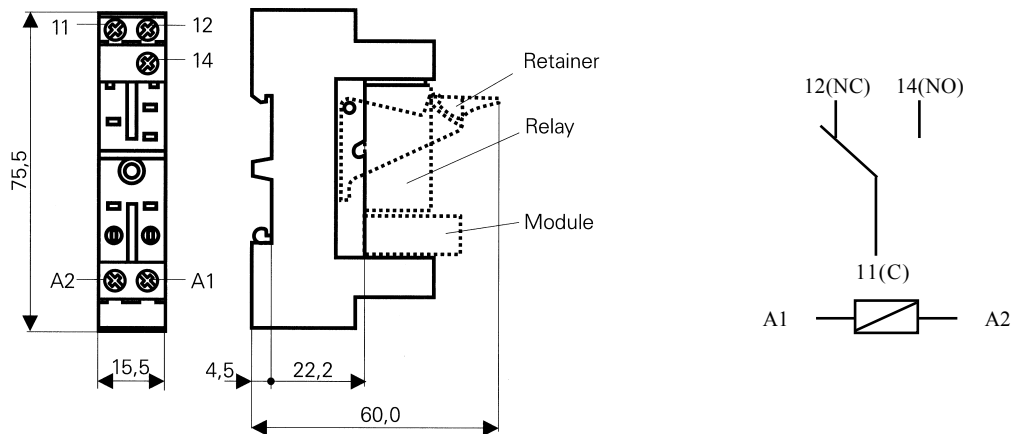
<b>Contact Configuration</b>	<b>1 x SPCO</b>
<b>Rated Current</b>	<b>12A (10A for AX-RM1c-12DC)</b>
<b>Rated Voltage</b>	<b>250V ac</b>
<b>Max Breaking Voltage</b>	<b>440V ac</b>
<b>Rated Breaking Capacity</b>	<b>3000VA (2500VA for MR1c-12DC)</b>
<b>Dielectric Strength (coil/contact)</b>	<b>&gt;4000V<sup>rms</sup></b>
<b>Contact Material</b>	<b>AgNi 90/10</b>
<b>Insulation Category (VDE0110b)</b>	<b>C/250V ac</b>
<b>Ambient Temperature</b>	<b>-25°C...85°C</b>
<b>Protection Category</b>	<b>IP20</b>
<b>Wire Cross Section</b>	<b>2 x 2.5mm<sup>2</sup></b>
<b>With bootlace ferrule</b>	<b>2 x 1.5mm<sup>2</sup></b>

## Function and Protection Modules

<b>Order Code</b>	<b>Type</b>
MR1T00A0	Protection Diode <sup>1</sup>
MR1U0548	RC Network 24..48Vac
MR1U0730	RC Network 110..230Vac
MR1L0024	LED 12..24V dc with protection diode <sup>1</sup>
MR1L0524	LED 12..48V dc/ac
MR1L0730	LED 110..230V ac

<sup>1</sup>Standard Polarity: A1 = (+), A2 = (-)

Model	Nominal Coil Voltage	Coil Resistance	Coil Current	Contact Rating @250Vac (Resistive)
AX-RM1c-12DC	12(10)V dc	576R+/-10%	20.8mA	10A
AX-RM1c-24DC	24V dc	1440R+/-10%	16.7mA	12A
AX-RM1c-24AC	24V ac	350R+/-10%	31.6mA	12A
AX-RM1c-115AC	115V ac	8100R+/-15%	6.6mA	12A
AX-RM1c-230AC	230V ac	32500R+/-15%	3.2mA	12A



Every effort has been taken in the production of this data sheet to ensure it's accuracy. Axio can not, however, 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.

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