

Single Relay Modules IOR1

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Description

The IOR1 range of single relay modules are suitable for a wide range of voltages and are supplied complete with DIN rail mounting base and retaining clip.

Features

- DIN rail mounting base included
- Choice of voltage
- Retaining clip prevents relay falling out



Technical Specification

Contact data

Type of Contact: 1 x changeover contact

Contact Material: AgNi

Max. Switching Voltage: 400Vac/300Vdc

Min. Switching Voltage: 5V

Rated Load: 12A/250Vac (IOR1-10DC - 10A)
12A/24Vdc (IOR1-10DC - 10A)

Max. inrush Current: 20A

Contact Resistance: < 100 mΩ

Max. Operating Frequency: 600 cycles/hour at rated load

Coil data

Rated Voltage: See table

Coil Resistance: See table ±10% at 20°C

Rated Power Consumption: AC - 0.75VA DC - 0.25W

Operating Range: See table

General data

Operating Time: Typical 15 ms

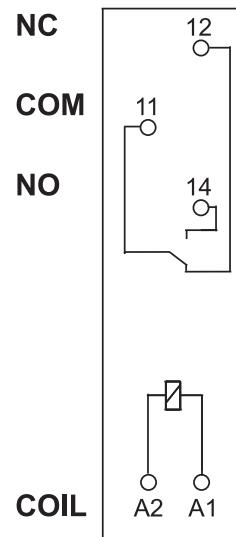
Release Time: Typical 8 ms

Ambient Temperature: -40°C...+85°C

Protection: IP40

Dimensions: 75 x 15.5 x 67mm

Wiring



Order Codes

Order code	Description	Rated voltage	Coil resistance Ω ±10% at 20°C	Coil operating range at 20°C	
				Min	Max
IOR1-10DC	10Vdc Single Pole Relay & Base	10Vdc	400	7.5Vdc	13.0Vdc
IOR1-24DC	24Vdc Single Pole Relay & Base	24Vdc	1440	16.8Vdc	36Vdc
IOR1-24AC	24Vac Single Pole Relay & Base	24Vac	400	19.2Vac 50Hz	28.8Vac 50Hz
IOR1-230AC	230Vac Single Pole Relay & Base	230Vac	38500	184.0Vac 50Hz	276.0Vac 50Hz

Dimensions

