



## STANDARD POWER RELAYS



Active

### TE CONNECTIVITY (TE) RTE24012AP

Schrack | RT2 Power PCB Relay

1649329-4

TE Internal Number: 1649329-4

Alias ID: RTE24012AP

Always EU RoHS/ELV Compliant

Contact Current Rating (A) **8**

Coil Power Rating (DC) (mW) **400**

Insulation Clearance Class **>8mm**

Insulation Creepage Class **>8mm**

Terminal Type **PCB-THT, Plug-In**

### Catalog Pages/Data Sheets

[Power PCB Relay RT2-AP](#)

PDF  
English

[Power PCB Relay RT2](#)

PDF  
English

### Product Specifications

Product Specification

[Definitions Relays](#)

PDF  
English

Please review product documents or [contact us](#) for the latest agency approval information.

### Product Type Features

Product Type

Relay

Relay Type

PCB Relay

### Electrical Characteristics

Coil Power Rating (DC) (mW)

**400**

Insulation Creepage Class

**>8mm**

Coil Voltage Rating (VDC)

**12**

Contact Voltage Rating (VAC)

**250**

Contact Switching Voltage (Max) (VAC)

**400**

Contact Limiting Breaking Current (A)

**8**

Coil Special Features

**UL Coil Insulation Class F**

Contact Limiting Continuous Current (A)

**8**

Coil Magnetic System	<b>Monostable, DC</b>
Contact Limiting Short-Time Current (A)	<b>8</b>
Insulation Creepage Between Contact and Coil	<b>10 mm [ .394 in ]</b>
Insulation Initial Dielectric Between Adjacent Contacts (Vrms)	<b>2500</b>
Coil Resistance ( $\Omega$ )	<b>360</b>
Contact Limiting Making Current (A)	<b>15</b>
Insulation Initial Dielectric Between Open Contacts (Vrms)	<b>1000</b>
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	<b>5000</b>
Coil Power Rating Class	<b>300 – 400 mW</b>
Insulation Initial Dielectric Between Coil/Contact Class	<b>&gt;4000V</b>

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Body Features	Insulation Special Features	<b>Tracking Index of Relay Base PTI250</b>
	Weight	<b>13 g [ .459 oz ]</b>

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Contact Features	Contact Current Rating (A)	<b>8</b>
	Terminal Type	<b>PCB-THT, Plug-In</b>
	Contact Arrangement	<b>2 Form C (CO)</b>
	Contact Number of Poles	<b>2</b>
	Contact Material	<b>AgNi90/10</b>
	Contact Current Class	<b>5 – 10 A, Less Than 16A</b>

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Mechanical Attachment	Mounting Type	<b>Printed Circuit Board, Socket</b>
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Dimensions	Insulation Clearance Class	<b>&gt;8mm</b>
	Length Class (Mechanical) (mm)	<b>25 – 30</b>
	Length	<b>29 mm [ 1.142 in ]</b>
	Height Class (Mechanical) (mm)	<b>15 – 16</b>
	Height	<b>15.7 mm [ .618 in ]</b>
	Insulation Clearance Between Contact and Coil	<b>10 mm [ .394 in ]</b>
	Width Class (Mechanical) (mm)	<b>12 – 16</b>
	Width	<b>12.7 mm [ .5 in ]</b>

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Usage Conditions	Environmental Category of Protection	<b>RTIII</b>
	Environmental Ambient Temperature (Max)	<b>85 °C [ 185 °F ]</b>
	Environmental Ambient Temperature Class	<b>70 – 85°C</b>

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Packaging Features

Packaging Method

Tube, Tube/Box

Other

Accessories/Socket Type





DIN Rail Socket, PCB Socket

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

STANDARD POWER RELAYS	PCB D-SUB CONNECTORS	THROUGH-HOLE RESISTORS	STANDARD POWER RELAYS
			
OMI-SH-105L, 394 OMI-SH-105L,394	D-Sub 15P, RCPT, R/A, Dip 1-1734344-1	CFR100 5% 470K CFR100J470K	RTE24024AP 1649329-6
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