



## STANDARD POWER RELAYS



✓ Active

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TE CONNECTIVITY (TE)

### RTS3T024

Schrack | RT1 Inrush Power

1415898-1

TE Internal Number: 1415898-1

Alias ID: RTS3T024

Always EU RoHS/ELV Compliant

Contact Current Rating (A) **16**

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

Insulation Clearance Class **>8mm**

Insulation Creepage Class **>8mm**

Terminal Type **PCB-THT**

#### CAD Files

##### Customer View Model

2D\_DXF.ZIP  
English

##### 3D PDF

PDF  
3D

##### Customer View Model

3D\_IGS.ZIP  
English

##### Customer View Model

3D\_STP.ZIP  
English

#### Catalog Pages/Data Sheets

##### Power PCB Relay RT1 Inrush Power

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)

**24**

Contact Voltage Rating (VAC)	<b>250</b>
Contact Switching Voltage (Max) (VAC)	<b>400</b>
Contact Limiting Breaking Current (A)	<b>16</b>
Coil Special Features	<b>UL Coil Insulation Class F</b>
Contact Limiting Continuous Current (A)	<b>16</b>
Coil Magnetic System	<b>Monostable, DC</b>
Contact Limiting Short-Time Current (A)	<b>16</b>
Insulation Creepage Between Contact and Coil	<b>10 mm [ .394 in ]</b>
Coil Resistance ( $\Omega$ )	<b>1440</b>
Contact Limiting Making Current (A)	<b>165</b>
Insulation Initial Dielectric Between Open Contacts (Vrms)	<b>1250</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>14 g [ .494 oz ]</b>

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Contact Features	Contact Current Rating (A)	<b>16</b>
	Terminal Type	<b>PCB-THT</b>
	Contact Arrangement	<b>1 Form A (NO)</b>
	Contact Number of Poles	<b>1</b>
	Contact Material	<b>AgCdO</b>
	Contact Current Class	<b>10 – 20 A, Greater Than 16A</b>
	Contact Special Features	<b>W Pre-Make Contact</b>

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Mechanical Attachment	Mounting Type	<b>Printed Circuit Board</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

12.7 mm [.5 in]

Usage Conditions

Environmental Category of Protection

**RTII**

Environmental Ambient Temperature (Max)

**85 °C [ 185 °F]**

Environmental Ambient Temperature Class

**70 – 85°C**

Packaging Features

Packaging Method

**Tray, Tray/Box**

Other

Accessories/Socket Type





**DIN Rail Socket, PCB Socket**

Product Compliance

[Statement of Compliance](#)  
PDF

[VIEW ALL PRODUCT COMPLIANCE](#)

## CUSTOMERS ALSO BOUGHT

SURFACE MOUNT RESISTORS	STANDARD POWER RELAYS		SURFACE MOUNT RESISTORS
			
CRGH0805 1% 150R 0.33W CRGH0805F150R	RT334006 RT334006	RP 1J 0.166W 24K3 0.1% 25PPM 1K RL 3-2176089-3	SMW3 2R7 5% SMW32R7JT
<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>	<a href="#">Save to List</a> <a href="#">Find Similar Products</a>