



STANDARD POWER RELAYS



✓ Active

TE CONNECTIVITY (TE)

RTS3T005

Schrack | RT1 Inrush Power

1-1415898-6

TE Internal Number: 1-1415898-6

Alias ID: RTS3T005

Always EU RoHS/ELV Compliant

Contact Current Rating (A) **16**

Coil Power Rating (DC) (mW) **403**

Insulation Clearance Class **>8mm**

Insulation Creepage Class **>8mm**

Terminal Type **PCB-THT**

Catalog Pages/Data Sheets

[Power PCB Relay RT1 Inrush Power](#)

PDF
English

Product Specifications

Product Specification

[Definitions Relays](#)

PDF
English

Product Environmental Compliance

TE Material Declaration

[MD_1-1415898-6_07302014626_dmtec](#)

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)

403

Insulation Creepage Class

>8mm

Coil Voltage Rating (VDC)

5

Contact Voltage Rating (VAC)

250

Contact Switching Voltage (Max) (VAC)

400

Contact Limiting Breaking Current (A)

16

Coil Special Features

UL Coil Insulation Class F

Contact Limiting Continuous Current (A)	16
Coil Magnetic System	Monostable, DC
Contact Limiting Short-Time Current (A)	16
Insulation Creepage Between Contact and Coil	10 mm [.394 in]
Coil Resistance (Ω)	62
Contact Limiting Making Current (A)	165
Insulation Initial Dielectric Between Open Contacts (Vrms)	1250
Insulation Initial Dielectric Between Contacts and Coil (Vrms)	5000
Coil Power Rating Class	400 – 500 mW
Insulation Initial Dielectric Between Coil/Contact Class	>4000V

Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	14 g [.494 oz]

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

Mechanical Attachment	Mounting Type	Printed Circuit Board
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Dimensions	Insulation Clearance Class	>8mm
	Length Class (Mechanical) (mm)	25 – 30
	Length	29 mm [1.142 in]
	Height Class (Mechanical) (mm)	15 – 16
	Height	15.7 mm [.618 in]
	Insulation Clearance Between Contact and Coil	10 mm [.394 in]
	Width Class (Mechanical) (mm)	12 – 16
	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
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Other	Accessories/Socket Type	DIN Rail Socket, PCB Socket
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Product Compliance

[Statement of Compliance](#)
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[VIEW ALL PRODUCT COMPLIANCE](#)