RTD3L012



ACTIVE

Schrack | RT1 Power PCB Relay

TE Part # **5-1415393-1**
TE Internal #: **5-1415393-1**
Alias #: **A50022-000, AMPS-5-1415393-1, RTD3L012**

Power Relay Type : **Standard**
Coil Magnetic System : **Monostable, DC**
Coil Power Rating Class (mW): **300 – 400**
Coil Power Rating DC (mW): **400**
Coil Resistance (Ω): **360**

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DOCUMENTS | FEATURES | PRODUCT COMPLIANCE

Catalog Pages/Data Sheets

ENG_DS_RT1_Inrush_0415.pdf English

Product Specifications

ENG_SS_Definitions_Relays_1117.pdf English

Agency Approvals

VDE Certificate

ENG_AAD_VDE_CERT_40007571_C1_1.pdf
English

UL

ENG_AAD_UL_CERT_E214025_19951102_C1_1.pdf
English

CSA Certificate

ENG_AAD_CSA_CERT_1142018_C1_1.pdf
English

Please review product documents or contact us for the latest agency approval information.

Product Type Features

Power Relay Type : **Standard**

Electrical Characteristics

Contact Limiting Breaking Current (A):
16

Coil Magnetic System : **Monostable, DC**

Coil Power Rating Class (mW):
300 – 400

Coil Power Rating DC (mW):
400

Coil Resistance (Ω): **360**

Coil Special Features : **UL Coil Insulation Class F**

Coil Voltage Rating (VDC): **12**

Contact Switching Voltage (Max) (VAC):
400

Contact Voltage Rating (VAC):
250

Insulation Initial Dielectric Between Contacts & Coil (Vrms):
5000

Contact Limiting Continuous Current (A):
16

Insulation Creepage Between Contact & Coil :
10 mm [.394 in]

Contact Limiting Making Current (A):
30

Insulation Creepage Class (mm):
8

Contact Limiting Short-Time Current (A):
16

Insulation Initial Dielectric Between Open Contacts (Vrms):
1000

Insulation Initial Dielectric Between Coil & Contact Class (V):
4000

Body Features

Weight : **14 g [.494 oz]**

Insulation Special Features :
Tracking Index of Relay Base PTI250

Contact Features

Contact Arrangement : **1 Form A (NO)**

Contact Current Class (A): **10 – 20, 16**

Contact Current Rating (Max) (A):
16

Contact Material : **AgSnO2**

Contact Number of Poles :
1

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

Mechanical Attachment	Relay Mounting Type : **Printed Circuit Board**
Dimensions	Width Class (Mechanical) (mm): **12 – 16** Length : **29 mm [1.142 in]** Insulation Clearance Class (mm): **8** Width : **12.7 mm [.5 in]** Insulation Clearance Between Contact & Coil : **10 mm [.394 in]** Height Class (Mechanical) (mm): **15 – 16** Height : **15.7 mm [.618 in]** Length Class (Mechanical) (mm): **25 – 30**
Usage Conditions	Environmental Category of Protection : **RTIII** Environmental Ambient Temperature Class (°C): **70 – 85** Environmental Ambient Temperature (Max) : **85 °C [185 °F]**
Packaging Features	Packaging Method : **Carton, Tube**
Statement of Compliance	Statement of Compliance pdf

Compatible Parts

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Also in the Series | RT1 Power PCB Relay



Power Relays (242)

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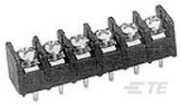
TE Part # 3FL3
3FL3=F5198



TE Part # 8PCV-16-006
8PCV-16-006=#8 TRI-BARRIER TER



TE Part # TPB11CGVRA0
TPB11CGVRA0=TINY PUSHBUTTON



TE Part # 8PCV-02-008
8PCV-02-008=BLOCK