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6-1415899-8 ACTIVE

RZ01-1C4-D012-000C



SCHRACK | SCHRACK Power PCB Relay RZ

TE Internal #: **6-1415899-8**
 TE Internal Description: **RZ01-1C4-D012-000C**
 Alias #: **RZ01-1C4-D012-000C**
 All SCHRACK RZ SERIES POWER RELAYS (86)

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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Product Description

Power PCB Relay RZ, overcome micro welding and help improve life time through weld breaker mechanism

[View All SCHRACK RZ SERIES POWER RELAYS \(86\)](#)

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): **12**
 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 Creepage Between Contact & Coil : **10 mm [.394 in]**
 Insulation Initial Dielectric Between Contacts & Coil (Vrms): **5000**
 Insulation Creepage Class (mm): **8**
 Contact Limiting Continuous Current (A): **12**
 Contact Limiting Short-Time Current (A): **12**
 Contact Limiting Making Current (A): **30**
 Insulation Initial Dielectric Between Open Contacts (Vrms): **1000**
 Insulation Initial Dielectric Between Coil & Contact Class (V): **4000**

Body Features

Product Weight : **10 g [.353 oz]**
 Insulation Special Features : **Tracking Index of Relay Base PTI250**

Contact Features

Contact Arrangement : **1 Form C (CO)**
 Contact Current Class (A): **10 – 20, 16**
 Contact Current Rating (Max) (A): **12**
 Contact Material : **AgNi90/10**
 Contact Number of Poles : **1**
 Terminal Type : **PCB-THT**

Mechanical Attachment

Relay Mounting Type : **Printed Circuit Board**

Dimensions

Product Height : **15.7 mm [.618 in]**
 Product Length : **29 mm [1.142 in]**
 Product Width : **12.7 mm [.5 in]**
 Width Class (Mechanical) (mm): **12 – 16**
 Insulation Clearance Between Contact & Coil : **10 mm [.394 in]**
 Height Class (Mechanical) (mm): **15 – 16**
 Insulation Clearance Class (mm): **8**
 Length Class (Mechanical) (mm): **25 – 30**

Usage Conditions

Environmental Category of Protection : **RTII**
 Environmental Ambient Temperature (Max): **85 °C [185 °F]**
 Environmental Ambient Temperature Class (°C): **70 – 85**

Packaging Features

Packaging Method : **Carton, Tube**

Compatible Parts

[Contact Product Support](#)





Also in the Series

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