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1-1415899-0 Product Details

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1-1415899-0
(RZ01-1C4-D012)
TE Internal Number: 1-1415899-0
 Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- RZ Series
- Contact - Current Class = 10A to 20A Class, Less Than 16A
- Contact - Rated Current = 12 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form C (CO)

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [Power PCB Relay RZ](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Series = RZ
- Terminal Type = PCB-THT

Electrical Characteristics:

- Contact - Current Class = 10A to 20A Class, Less Than 16A
- [Contact - Rated Current \(A\)](#) = 12
- Contact - Limiting Continuous Current (A) = 12
- Contact - Limiting Making Current (A) = 30
- Contact - Limiting Breaking Current (A) = 12
- Insulation - Initial Dielectric Between Coil/Contact Class = >4000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 5000
- Contact - Rated Voltage (VAC) = 250
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 12
- Coil - Rated Voltage (VDC) = 12
- [Coil - Resistance \(Ω\)](#) = 360
- [Coil - Rated Power, DC \(mW\)](#) = 400
- Coil - Rated Power Class = 300mW to 400mW Class
- Insulation - Creepage Class = >8mm Class
- Insulation - Clearance Class = >8mm Class
- Insulation - Special Features = Tracking Index of Relay Base PT1250

Dimensions:

- Mechanical - Length Class = 25mm to 30mm Class
- Length (mm [in]) = 29.00 [1.142]
- Mechanical - Width Class = 12mm to 16mm Class

Body Features:

- Mount Type = PCB
- Weight (g [oz]) = 10.00 [0.353]

Contact Features:

- Contact Material = AgNi90/10
- Contact - Number of Poles = 1

Configuration Features:

- [Contact - Arrangement](#) = 1 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, DC
- Coil - Special Features = UL Coil Insulation Class F

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved/Registered Standards = VDE, cULus, CQC

Environmental:

- Environmental - Category of Protection = RTII
- Environmental - Ambient Temperature, Max. (°C [°F]) = 85 [185]
- Environmental - Ambient Temperature Class = 70°C to 85°C Class

Packaging Features:

- Packaging Method = Tube

Other:

- Brand = Schrack

- Width (mm [in]) = 12.70 [0.500]
- Mechanical - Height Class 15mm to 16mm Class
- Height (mm [in]) = 15.70 [0.618]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 10 [0.394]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 10 [0.394]

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