

RT314024 Product Details

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RT314024
(9-1393239-8)
TE Internal Number: 9-1393239-8
Active

Industrial Relays (General Purpose)

Converted to EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- RT1 Series
 - Contact - Current Class = 10A to 20A Class, Greater Than 16A
 - Contact - Rated Current = 16 A
 - Terminal Type = PCB-THT, Plug-in
 - Contact - Arrangement = 1 Form C (CO)
- [View all Features](#)

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Documentation & Additional Information

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Additional Information:

- [Product Line Information](#)

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

- #### Electrical Characteristics:
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
 - Contact - Rated Current (A) = 16
 - Contact - Limiting Continuous Current (A) = 16
 - Contact - Limiting Making Current (A) = 30
 - Contact - Limiting Breaking Current (A) = 16
 - 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) = 16
 - Coil - Rated Voltage (VDC) = 24
 - Coil - Resistance (Ω) = 1440
 - 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 PTI250

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

- #### Body Features:
- Mount Type = PCB, Socket
 - Weight (g [oz]) = 14.00 [0.494]
- #### Contact Features:
- Terminal Type = PCB-THT, Plug-in
 - 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 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C
 - RoHS/ELV Compliance History = Converted to comply with RoHS directive
 - Approved/Registered Standards = cULus, cCSAus, VDE
- #### 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:
- Series = RT1
 - Brand = Schrack
 - Accessories/Socket Type = PCB Socket, DIN-rail Socket

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