

RM503024 Product Details



Industrial Relays (General Purpose)

Converted to EU RoHS but not ELV Compliant (Find RoHS Compliant Alternates/Statement of Compliance)

Product Highlights:

- RM 5/6/B Series
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
- Contact - Rated Current = 16 A
- Terminal Type = Plug-in, Quick Connect
- Contact - Arrangement = 2 Form A (NO)

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RM503024
(8-1393148-0)

TE Internal Number: 8-1393148-0
 Active

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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 = 1500V to 2500VA Class
 - Insulation - Initial Dielectric Between Open Contacts (V rms) = 2500
 - Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2500
 - Contact - Rated Voltage (VAC) = 400
 - Contact - Switching Voltage Max. (VAC) = 440
 - Contact - Limiting Short-Time Current (A) = 16
 - Contact - Switching Recommended Load, Min. = 100mA at 24V
 - Coil - Rated Voltage (VDC) = 24
 - [Coil - Resistance \(Ω\)](#) = 345
 - [Coil - Rated Power, DC \(mW\)](#) = 1700
 - Coil - Rated Power Class = >1.5W Class
 - Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2500
 - Insulation - Creepage Class = >8mm Class
 - Insulation - Clearance Class = 2.5mm to 4mm Class
 - Insulation - Special Features = 5000V Initial Surge Withstand Voltage between Contacts and Coil
- Dimensions:**
- Mechanical - Length Class = 35mm to 40mm Class
 - Length (mm [in]) = 38.50 [1.515]
 - Mechanical - Width Class = 30mm to 40mm Class
 - Width (mm [in]) = 35.50 [1.398]
 - Mechanical - Height Class = 40mm to 50mm Class
 - Height (mm [in]) = 48.50 [1.909]
 - Insulation - Clearance Between Contact and Coil (mm [in]) = 4 [0.157]
 - Insulation - Creepage Between Contact and Coil (mm [in]) = 14.9 [0.587]

- Body Features:**
- Mount Type = Bracket
 - Weight (g [oz]) = 81.00 [2.859]
- Contact Features:**
- Terminal Type = Plug-in, Quick Connect
 - Contact Material = AgCdO
 - Contact - Number of Poles = 2
 - Contact - Special Features = 3mm Contact Gap
- Configuration Features:**
- [Contact - Arrangement](#) = 2 Form A (NO)
 - [Coil - Magnetic System](#) = Monostable, DC
 - Coil - Special Features = UL Coil Insulation Class B
- Industry Standards:**
- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
 - [Lead Free Solder Processes](#) = Not relevant for lead free process
 - RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives
 - Approved/Registered Standards = cULus, VDE
- Environmental:**
- Environmental - Category of Protection = RTI
 - Environmental - Ambient Temperature, Max. (°C [°F]) = 50 [122]
 - Environmental - Ambient Temperature Class = 0 to 50°C Class
- Packaging Features:**
- Packaging Method = Tray
- Other:**
- Series = RM 5/6/B
 - Brand = Schrack

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