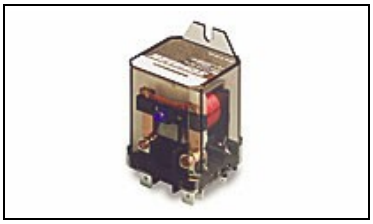
RMD05012 Product Details

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RMD05012
(1393146-8)
TE Internal Number: 1393146-8
Active

Industrial Relays (General Purpose)

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

Product Highlights:

- RM C/D Series
- Contact - Current Class = 20A to 30A Class, Greater Than 16A
- Contact - Rated Current = 30 A
- Terminal Type = Quick Connect
- Contact - Arrangement = 1 Form X (NO, Bridging)

View all Features

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Quick Links

- Pricing & Availability
- Search for Tooling
- Product Feature Selector
- Contact Us About This Product

Documentation & Additional Information

Product Drawings:
- None Available

Catalog Pages/Data Sheets:
- Power Relay RMC/D (PDF, English)

Product Specifications:
- None Available

Application Specifications:
- None Available

Instruction Sheets:
- None Available

CAD Files:
- None Available

List all Documents

Additional Information:
- Product Line Information

Related Products:
- Tooling

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

Electrical Characteristics:
- Contact - Current Class = 20A to 30A Class, Greater Than 16A
- Contact - Rated Current (A) = 30
- Contact - Limiting Continuous Current (A) = 30
- Contact - Limiting Making Current (A) = 60
- Contact - Limiting Breaking Current (A) = 30
- Insulation - Initial Dielectric Between Coil/Contact Class = 1500V to 2500VA Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 2000
- 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) = 30
- Contact - Switching Recommended Load, Min. = 100mA at 24V
- Coil - Rated Voltage (VDC) = 12
- Coil - Resistance (Ω) = 110
- Coil - Rated Power, DC (mW) = 1300
- Coil - Rated Power Class = 1W to 1.5W Class
- Insulation - Creepage Class = >8mm Class
- Insulation - Clearance Class = 2.5mm to 4mm Class
- Insulation - Special Features = 6000V 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]

Body Features:
- Mount Type = Bracket
- Weight (g [oz]) = 81.00 [2.859]

Contact Features:
- Terminal Type = Quick Connect
- Contact Material = AgCdO
- Contact - Number of Poles = 1
- Contact - Special Features = Bridging Contacts

Configuration Features:
- Contact - Arrangement = 1 Form X (NO, Bridging)
- 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 = VDE, cULus

Environmental:
- Environmental - Category of Protection = RTI
- Environmental - Ambient Temperature, Max. (°C [°F]) = 60 [140]
- Environmental - Ambient Temperature Class = 50°C to 70°C Class

Packaging Features:
- Packaging Method = Tray

Other:
- Series = RM C/D

Feedback

- Insulation - Clearance Between Contact and Coil (mm [in]) = 4 [0.157]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 14.9 [0.587]

- Brand = Schrack
- Additional Features = Mechanical Indicator



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