

# RMC05012 Product Details

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## 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 Z (NO+NC, Bridging)

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**RMC05012**  
(1393146-1)

TE Internal Number: 1393146-1  
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## 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

**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 = 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) = 1500
- 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 Z (NO+NC, 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 = cULus, VDE

**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

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- 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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