



RMC05048 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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RMC05048
(1393146-2)

TE Internal Number: 1393146-2

Active

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Documentation & Additional Information

<p>Product Drawings:</p> <ul style="list-style-type: none"> • None Available <p>Catalog Pages/Data Sheets:</p> <ul style="list-style-type: none"> • Power Relay RMC/D (PDF, English) <p>Product Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Application Specifications:</p> <ul style="list-style-type: none"> • None Available <p>Instruction Sheets:</p> <ul style="list-style-type: none"> • None Available <p>CAD Files:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
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Feedback

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

<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • 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) = 48 • Coil - Resistance (Ω) = 2000 • Coil - Rated Power, DC (mW) = 1200 • 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 <p>Dimensions:</p> <ul style="list-style-type: none"> • 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]
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<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = Bracket • Weight (g [oz]) = 81.00 [2.859] <p>Contact Features:</p> <ul style="list-style-type: none"> • Terminal Type = Quick Connect • Contact Material = AgCdO • Contact - Number of Poles = 1 • Contact - Special Features = Bridging Contacts <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 1 Form Z (NO+NC, Bridging) • Coil - Magnetic System = Monostable, DC • Coil - Special Features = UL Coil Insulation Class B <p>Industry Standards:</p> <ul style="list-style-type: none"> • 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 <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTI • Environmental - Ambient Temperature, Max. (°C [°F]) = 60 [140] • Environmental - Ambient Temperature Class = 50°C to 70°C Class <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tray <p>Other:</p> <ul style="list-style-type: none"> • 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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