



RM303012 Product Details

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RM303012
(6-1393148-3)

TE Internal Number: 6-1393148-3

Active

Industrial Relays (General Purpose)

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

Product Highlights:

- RM 2/3/7 Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 10 A
- Terminal Type = Plug-in, Quick Connect
- Contact - Arrangement = 3 Form C (CO)

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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 RM2/3/7 (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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Product Features (Please use the Product Drawing for all design activity)

<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Current Class = 5A to 10A Class, Less Than 16A • Contact - Rated Current (A) = 10 • Contact - Limiting Continuous Current (A) = 10 • Contact - Limiting Making Current (A) = 40 • Contact - Limiting Breaking Current (A) = 10 • 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) = 10 • 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 - Initial Dielectric Between Adjacent Contacts (V rms) = 2500 • Insulation - Creepage Class = >8mm Class • Insulation - Clearance Class = 2.5mm to 4mm Class • Insulation - Special Features = 4000V Initial Surge Withstand Voltage between Contacts and Coil <p>Dimensions:</p> <ul style="list-style-type: none"> • Mechanical - Length Class = 35mm to 40mm Class 	<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 = Plug-in, Quick Connect • Contact Material = AgCdO • Contact - Number of Poles = 3 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 3 Form C (CO) • 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
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Feedback

- 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]

Other:

- Series = RM 2/3/7
- Brand = Schrack
- Additional Features = Mechanical Indicator

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