



# RM809024 Product Details

[Share](#) | [Print](#) | [Email](#)


**RM809024**  
(5-1393149-8)

TE Internal Number: 5-1393149-8

Active

## Industrial Relays (General Purpose)

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

### Product Highlights:

- RM8 Series
- Contact - Current Class = 20A to 30A Class, Greater Than 16A
- Contact - Rated Current = 25 A
- Terminal Type = Quick Connect
- Contact - Arrangement = 2 Form C (CO)

[View all Features](#)

### Quick Links

- ▶ [Pricing & Availability](#)
- ▶ [Search for Tooling](#)
- ▶ [Product Feature Selector](#)
- ▶ [Contact Us About This Product](#)

[Add to My Part List](#) | [Request Sample](#) | [Find Similar Products](#) | [Buy Product](#)

## Documentation & Additional Information

<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Power Relay RM8</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul>	<p><b>Additional Information:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>
---	--

[List all Documents](#)

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

<p><b>Electrical Characteristics:</b></p> <ul style="list-style-type: none"> <li>• Contact - Current Class = 20A to 30A Class, Greater Than 16A</li> <li>• <a href="#">Contact - Rated Current (A)</a> = 25</li> <li>• Contact - Limiting Continuous Current (A) = 25</li> <li>• Contact - Limiting Making Current (A) = 60</li> <li>• Contact - Limiting Breaking Current (A) = 25</li> <li>• Insulation - Initial Dielectric Between Coil/Contact Class = 1500V to 2500VA Class</li> <li>• Insulation - Initial Dielectric Between Open Contacts (V rms) = 2500</li> <li>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2500</li> <li>• Contact - Rated Voltage (VAC) = 400</li> <li>• Contact - Switching Voltage Max. (VAC) = 400</li> <li>• Contact - Limiting Short-Time Current (A) = 25</li> <li>• Contact - Switching Recommended Load, Min. = 100mA at 24V</li> <li>• Coil - Rated Voltage (VDC) = 24</li> <li>• <a href="#">Coil - Resistance (Ω)</a> = 475</li> <li>• <a href="#">Coil - Rated Power, DC (mW)</a> = 1200</li> <li>• Coil - Rated Power Class = 1W to 1.5W Class</li> <li>• Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 4000</li> <li>• Insulation - Creepage Class = &gt;8mm Class</li> <li>• Insulation - Clearance Class = 2.5mm to 4mm Class</li> <li>• Insulation - Special Features = 5000V Initial Surge Withstand Voltage between Contacts and Coil</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Mechanical - Length Class = 35mm to 40mm Class</li> </ul>	<p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mount Type = DIN Rail</li> <li>• Weight (g [oz]) = 81.00 [2.859]</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Terminal Type = Quick Connect</li> <li>• Contact Material = AgCdO</li> <li>• Contact - Number of Poles = 2</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact - Arrangement</a> = 2 Form C (CO)</li> <li>• <a href="#">Coil - Magnetic System</a> = Monostable, DC</li> <li>• Coil - Special Features = UL Coil Insulation Class B</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS/Not ELV Compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives</li> <li>• Approved/Registered Standards = VDE, cULus</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Environmental - Category of Protection = RTI</li> <li>• Environmental - Ambient Temperature, Max. (°C [°F]) = 65 [149]</li> <li>• Environmental - Ambient Temperature Class = 50°C to 70°C Class</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tray</li> </ul>
---	---

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 = RM8
- Brand = Schrack
- Additional Features = Mechanical Indicator

**Corporate Information**

- [About TE](#)
- [Investors](#)
- [News Room](#)
- [Supplier Portal](#)
- [Careers](#)
- [Terms & Conditions](#)
- [Privacy Policy](#)
- [AODA Accessibility Policy](#)
- [AODA Multi-Year Accessibility Plan](#)

**Quick Links**

- [Distributor Inventory](#)
- [Product Cross Reference](#)
- [Documents & Drawings](#)
- [Product Compliance Support Center](#)
- [Site Map](#)

**Customer Support**

- [Email or Chat With Us](#)
- [Find a Phone Number](#)
- [Knowledge Base](#)
- [Manage Your Account](#)

**Keep Me Informed**



## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [General Purpose Relays](#) category:*

*Click to view products by [TE Connectivity](#) manufacturer:*

Other Similar products are found below :

[APF30318](#) [JVN1AF-4.5V-F](#) [PCN-105D3MHZ](#) [5JO-10000S-SIL](#) [5JO-1000CD-SIL](#) [5JO-400CD-SIL](#) [LY2S-AC220/240](#) [LYQ20DC12](#)  
[6031007G](#) [6131406HQ](#) [6-1393099-8](#) [6-1393122-4](#) [6-1393123-2](#) [6-1393767-1](#) [6-1393843-7](#) [6-1415012-1](#) [6-1419102-2](#) [6-1423698-4](#) [6-](#)  
[1608051-6](#) [6-1608067-0](#) [6-1616170-6](#) [6-1616248-2](#) [6-1616282-3](#) [6-1616348-2](#) [6-1616349-9](#) [6-1616350-1](#) [6-1616350-8](#) [6-1616358-7](#) [6-](#)  
[1616359-9](#) [6-1616360-9](#) [6-1616931-6](#) [6-1617039-1](#) [6-1617052-1](#) [6-1617090-2](#) [6-1617090-5](#) [6-1617347-5](#) [6-1617353-3](#) [6-1617801-8](#) [6-](#)  
[1618107-9](#) [6-1618248-4](#) [M83536/1-027M](#) [CX-4014](#) [MAHC-5494](#) [MAVCD-5419-6](#) [703XCX-120A](#) [7-1393100-5](#) [7-1393111-7](#) [7-1393767-8](#)  
[7-1414968-8](#) [7-1419130-3](#)