



RM808024 Product Details

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


RM808024
(2-1393844-9)

TE Internal Number: 2-1393844-9

Active

View 3D PDF

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>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 RM8 (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: (CAD Format & Compression Information)</p> <ul style="list-style-type: none"> • 2D Drawing (DXF, Version B) • 3D Model (IGES, Version B) • 3D Model (STEP, Version B) | <p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[List all Documents](#)

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) = 25 • Contact - Limiting Continuous Current (A) = 25 • Contact - Limiting Making Current (A) = 60 • Contact - Limiting Breaking Current (A) = 25 • Insulation - Initial Dielectric Between Coil/Contact Class = 1500V to 2500VA Class • Insulation - Initial Dielectric Between Open Contacts (V rms) = 2500 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2500 • Contact - Rated Voltage (VAC) = 400 • Contact - Switching Voltage Max. (VAC) = 400 • Contact - Limiting Short-Time Current (A) = 25 • Contact - Switching Recommended Load, Min. = 100mA at 24V • Coil - Rated Voltage (VDC) = 24 • Coil - Resistance (Ω) = 475 • Coil - Rated Power, DC (mW) = 1200 • Coil - Rated Power Class = 1W to 1.5W Class • Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 4000 • Insulation - Creepage Class = >8mm Class • Insulation - Clearance Class = 2.5mm to 4mm Class • Insulation - Special Features = 5000V 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 = DIN Rail • 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 = 2 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 2 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 = VDE, cULus <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTI • Environmental - Ambient Temperature, Max. (°C [°F]) = 65 [149] • Environmental - Ambient Temperature Class = 50°C to 70°C Class <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tray |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- 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](#) [6-1393099-3](#) [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](#) [6-1616350-1](#) [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-](#)
[1617802-2](#) [6-1618107-9](#) [6-1618248-4](#) [M83536/1-027M](#) [CX-4014](#) [MAHC-5494](#) [MAVCD-5419-6](#) [703XCX-120A](#) [7-1393100-5](#) [7-1393111-7](#)
[7-1393144-5](#) [7-1393767-8](#)