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SR4D4024 Product Details

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SR4D4024

TE Internal Number: 3-1415055-1

Active

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Force Guided Contact Relays

Converted to EU RoHS/ELV Compliant
 (Statement of Compliance)

Product Highlights:

- SR4 D/M Series
- Contact - Rated Current = 8 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 2 Form A (NO) + 2 Form B (NC)
- Contact - Limiting Continuous Current = 8 A

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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"> • Safety Relay SR4 D/M (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 SEK1) • 3D Model (IGES, Version SEK1) • 3D Model (STEP, Version SEK1) 	<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](#)

Product Features (Please use the Product Drawing for all design activity)	
<p>Product Type Features:</p> <ul style="list-style-type: none"> • Series = SR4 D/M • Terminal Type = PCB-THT <p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Rated Current (A) = 8 • Contact - Limiting Continuous Current (A) = 8 • Contact - Limiting Making Current (A) = 8 • Contact - Limiting Breaking Current (A) = 8 • Insulation - Initial Dielectric Between Open Contacts (V rms) = 1500 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 4000 • Contact - Switching Voltage Max. (VAC) = 400 • Contact - Limiting Short-Time Current (A) = 8 • Coil - Rated Voltage (VDC) = 24 • Coil - Resistance (Ω) = 720 • Coil - Rated Power, DC (mW) = 800 • Coil - Rated Power Class = 600mW to 800mW Class • Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2500 • Insulation - Clearance Class = >8mm Class • Insulation - Creepage Class = >8mm Class <p>Dimensions:</p> <ul style="list-style-type: none"> • Length (mm [in]) = 40.00 [1.575] • Width (mm [in]) = 13.00 [0.512] 	<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = PCB • Weight (g [oz]) = 30.00 [1.058] <p>Contact Features:</p> <ul style="list-style-type: none"> • Contact Material = AgSnO • Contact - Number of Poles = 4 • Contact - Special Features = Force Guided Contacts <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 2 Form A (NO) + 2 Form B (NC) • Coil - Magnetic System = Monostable, DC <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Wave solder capable to 240°C, Wave solder capable to 260°C • RoHS/ELV Compliance History = Converted to comply with RoHS directive • Approved/Registered Standards = CQC, TUEV, cULus, VDE <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTIII • Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158] • Environmental - Ambient Temperature Class = 50°C to 70°C Class

- Height (mm [in]) = 16.50 [0.650]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 10 [0.394]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 10 [0.394]

- Packaging Features:**
- Packaging Method = Tube
- Other:**
- Brand = Schrack

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