



4-1415540-2 Product Details

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4-1415540-2

(XT3S4R24)

TE Internal Number: 4-1415540-2

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

• XT Package Series

• Contact - Current Class = 10A to 20A Class, Greater Than 16A

• Contact - Rated Current = 16 A

• Terminal Type = Screw Terminals

• Contact - Arrangement = 1 Form C (CO)

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Documentation & Additional Information	
<div><div>Product Drawings:</div><div><div>• None Available</div></div></div> <div><div>Catalog Pages/Data Sheets:</div><div><div>• None Available</div></div></div> <div><div>Product Specifications:</div><div><div>• None Available</div></div></div> <div><div>Application Specifications:</div><div><div>• None Available</div></div></div> <div><div>Instruction Sheets:</div><div><div>• None Available</div></div></div> <div><div>CAD Files:</div><div><div>• None Available</div></div></div>	<div><div>Additional Information:</div><div><div>• Product Line Information</div></div></div> <div><div>Related Products:</div><div><div>• Tooling</div></div></div>

Product Features (Please use the Product Drawing for all design activity)	
<div><div>Product Type Features:</div><div><div>• Series = XT Package</div><div>• Terminal Type = Screw Terminals</div></div></div> <div><div>Electrical Characteristics:</div><div><div>• Contact - Current Class = 10A to 20A Class, Greater Than 16A</div><div>• Contact - Rated Current (A) = 16</div><div>• Contact - Limiting Continuous Current (A) = 16</div><div>• Contact - Limiting Making Current (A) = 30</div><div>• Contact - Limiting Breaking Current (A) = 16</div><div>• Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class</div><div>• Insulation - Initial Dielectric Between Open Contacts (V rms) = 5000</div><div>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000</div><div>• Contact - Rated Voltage (VAC) = 240</div><div>• Contact - Switching Voltage Max. (VAC) = 400</div><div>• Contact - Limiting Short-Time Current (A) = 16</div><div>• Coil - Rated Voltage (VAC) = 24</div><div>• Coil - Resistance (Ω) = 350</div><div>• Coil - Rated Power, AC (VA) = 1.00</div><div>• Coil - Rated Power Class = 0.5VAW to 1.0VA Class</div><div>• Insulation - Creepage Class = 5.5mm to 8mm Class</div><div>• Insulation - Clearance Class = 5mm to 8mm Class</div><div>• Insulation - Special Features = Tracking Index of Relay Base PTI175</div></div></div> <div><div>Dimensions:</div><div><div>• Mechanical - Length Class = &gt;60mm Class</div><div>• Length (mm [in]) = 77.00 [3.031]</div><div>• Mechanical - Width Class = 12mm to 16mm Class</div><div>• Width (mm [in]) = 15.80 [0.622]</div><div>• Mechanical - Height Class = &gt;50mm Class</div><div>• Height (mm [in]) = 69.00 [2.716]</div><div>• Insulation - Clearance Between Contact and Coil (mm [in]) = 8 [0.315]</div><div>• Insulation - Creepage Between Contact and Coil (mm [in]) = 8 [0.315]</div></div></div>	<div><div>Body Features:</div><div><div>• Mount Type = DIN Rail</div><div>• Weight (g [oz]) = 56.00 [1.977]</div></div></div> <div><div>Contact Features:</div><div><div>• Contact Material = AgNi90/10</div><div>• Contact - Number of Poles = 1</div></div></div> <div><div>Configuration Features:</div><div><div>• Contact - Arrangement = 1 Form C (CO)</div><div>• Coil - Magnetic System = Monostable, AC</div><div>• Coil - Special Features = LED, Electrical Indicator</div></div></div> <div><div>Industry Standards:</div><div><div>• RoHS/ELV Compliance = RoHS compliant, ELV compliant</div><div>• Lead Free Solder Processes = Not relevant for lead free process</div><div>• RoHS/ELV Compliance History = Always was RoHS compliant</div><div>• Approved/Registered Standards = cULus, VDE</div></div></div> <div><div>Environmental:</div><div><div>• Environmental - Category of Protection = RTI</div><div>• Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]</div><div>• Environmental - Ambient Temperature Class = 50°C to 70°C Class</div></div></div> <div><div>Packaging Features:</div><div><div>• Packaging Method = Box</div></div></div> <div><div>Other:</div><div><div>• Brand = Schrack</div><div>• Additional Features = Manual Operation</div></div></div>

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