



# 1937650-1 Product Details

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**1937650-1**

TE Internal Number: 1937650-1

Active

## Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

### Product Highlights:

- RTX Series
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
- Contact - Rated Current = 16 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form A (NO)

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Documentation & Additional Information	
Documents are temporarily unavailable. We are working hard to correct the problem. Please try again later.	<b>Additional Information:</b> <ul style="list-style-type: none"> <li>• <a href="#">Product Line Information</a></li> </ul> <b>Related Products:</b> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> </ul>

Product Features (Please use the Product Drawing for all design activity)	
<b>Electrical Characteristics:</b> <ul style="list-style-type: none"> <li>• Contact - Current Class = 10A to 20A Class, Greater Than 16A</li> <li>• <a href="#">Contact - Rated Current (A)</a> = 16</li> <li>• Contact - Limiting Continuous Current (A) = 16</li> <li>• Contact - Limiting Making Current (A) = 16</li> <li>• Contact - Limiting Breaking Current (A) = 16</li> <li>• Insulation - Initial Dielectric Between Coil/Contact Class = &gt;4000V Class</li> <li>• Insulation - Initial Dielectric Between Open Contacts (V rms) = 1250</li> <li>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 5000</li> <li>• Contact - Rated Voltage (VAC) = 250</li> <li>• Contact - Limiting Short-Time Current (A) = 16</li> <li>• Coil - Rated Voltage (VDC) = 3</li> <li>• <a href="#">Coil - Resistance (Ω)</a> = 14</li> <li>• <a href="#">Coil - Rated Power, DC (mW)</a> = 650</li> <li>• Insulation - Creepage Class = 5.5mm to 8mm Class</li> <li>• Insulation - Clearance Class = 5mm to 8mm Class</li> <li>• Insulation - Special Features = Tracking Index of Relay Base PTI250</li> </ul> <b>Dimensions:</b> <ul style="list-style-type: none"> <li>• Mechanical - Length Class = 25mm to 30mm Class</li> <li>• Length (mm [in]) = 29.11 [1.146]</li> <li>• Mechanical - Width Class = 12mm to 16mm Class</li> <li>• Width (mm [in]) = 12.70 [0.500]</li> <li>• Mechanical - Height Class = 15mm to 16mm Class</li> <li>• Height (mm [in]) = 16.00 [0.630]</li> <li>• Insulation - Clearance Between Contact and Coil (mm [in]) = 6 [0.236]</li> <li>• Insulation - Creepage Between Contact and Coil (mm [in]) = 6 [0.236]</li> </ul> <b>Body Features:</b> <ul style="list-style-type: none"> <li>• Mount Type = PCB</li> <li>• Weight (g [oz]) = 11.00 [0.388]</li> </ul>	<b>Contact Features:</b> <ul style="list-style-type: none"> <li>• Terminal Type = PCB-THT</li> <li>• Contact Material = W + AgSnO</li> <li>• Contact - Number of Poles = 1</li> <li>• Contact - Special Features = Flip-Flop Contacts</li> </ul> <b>Configuration Features:</b> <ul style="list-style-type: none"> <li>• <a href="#">Contact - Arrangement</a> = 1 Form A (NO)</li> <li>• <a href="#">Coil - Magnetic System</a> = Bistable, 1 Coil</li> <li>• Coil - Special Features = UL Coil Insulation Class F</li> </ul> <b>Industry Standards:</b> <ul style="list-style-type: none"> <li>• <a href="#">RoHS/ELV Compliance</a> = RoHS compliant, ELV compliant</li> <li>• <a href="#">Lead Free Solder Processes</a> = Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> <li>• Approved/Registered Standards = VDE, cULus</li> </ul> <b>Environmental:</b> <ul style="list-style-type: none"> <li>• Environmental - Category of Protection = RTIII</li> <li>• Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]</li> <li>• Environmental - Ambient Temperature Class = 50°C to 70°C Class</li> </ul> <b>Packaging Features:</b> <ul style="list-style-type: none"> <li>• Packaging Method = Tube</li> </ul> <b>Other:</b> <ul style="list-style-type: none"> <li>• Series = RTX</li> <li>• Brand = Schrack</li> </ul>

Feedback

