

## R10-T1P2-V700 Product Details

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R10-T1P2-V700

TE Internal Number: 2-1393769-7

Active

### Industrial Relays (General Purpose)

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

#### Product Highlights:

- R10 Series
- Contact - Current Class = 2A to 5A Class, Less Than 16A
- Contact - Rated Current = 3 A
- Terminal Type = Plug-in, Solder
- Contact - Arrangement = 2 Form C (CO)

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### 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>• None Available</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>• Product Line Information</li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• Tooling</li> </ul>
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### 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 = 2A to 5A Class, Less Than 16A</li> <li>• Contact - Rated Current (A) = 3</li> <li>• Contact - Limiting Continuous Current (A) = 3</li> <li>• Contact - Limiting Making Current (A) = 3</li> <li>• Contact - Limiting Breaking Current (A) = 3</li> <li>• Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class</li> <li>• Insulation - Initial Dielectric Between Open Contacts (V rms) = 500</li> <li>• Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000</li> <li>• Contact - Rated Voltage (VAC) = 120</li> <li>• Contact - Limiting Short-Time Current (A) = 3</li> <li>• Contact - Switching Recommended Load, Min. = 0mA at 0V</li> <li>• Coil - Rated Voltage (VDC) = 24</li> <li>• Coil - Resistance (Ω) = 700</li> <li>• Coil - Rated Power, DC (mW) = 900</li> <li>• Coil - Rated Power Class = 800mW to 1000mW Class</li> <li>• Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 1000</li> <li>• Insulation - Initial Insulation Resistance (MΩ) = 10000000</li> </ul> <p><b>Dimensions:</b></p> <ul style="list-style-type: none"> <li>• Mechanical - Length Class = 20mm to 25mm Class</li> <li>• Length (mm [in]) = 24.10 [0.949]</li> <li>• Mechanical - Width Class = 16mm to 20mm Class</li> <li>• Width (mm [in]) = 18.70 [0.736]</li> <li>• Mechanical - Height Class = 30mm to 40mm Class</li> <li>• Height (mm [in]) = 30.20 [1.189]</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mount Type = Socket</li> </ul>	<p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Terminal Type = Plug-in, Solder</li> <li>• Contact Material = Ag, gold covered</li> <li>• Contact - Number of Poles = 2</li> <li>• Contact - Special Features = Bifurcated/Twin Contacts</li> </ul> <p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Contact - Arrangement = 2 Form C (CO)</li> <li>• Coil - Magnetic System = Monostable, DC</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• RoHS/ELV Compliance = RoHS/Not ELV Compliant</li> <li>• Lead Free Solder Processes = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Converted to comply with RoHS n ELV directives</li> <li>• Approved/Registered Standards = CSA, UL</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]) = 75 [167]</li> <li>• Environmental - Ambient Temperature Class = 70°C to 85°C Class</li> </ul> <p><b>Packaging Features:</b></p> <ul style="list-style-type: none"> <li>• Packaging Method = Tray</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Series = R10</li> <li>• Brand = Potter &amp; Brumfield</li> </ul>
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total 1623 -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_1.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9466 Feb 21 09:08 TE\_bottomPart1\_10.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9466 Feb 21 09:08 TE\_bottomPart1\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9466 Feb 21 09:08 TE\_bottomPart1\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_6.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_8.inc -rw-rw-r-- 1 ewtdadm ewtdadm 9476 Feb 21 09:08 TE\_bottomPart1\_9.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_1.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_10.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_4.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_5.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_6.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_8.inc -rw-rw-r-- 1 ewtdadm ewtdadm 2201 Feb 21 09:08 TE\_bottomPart2\_9.inc -rw-rw-r-- 1 ewtdadm ewtdadm 93 Feb 21 09:08 TE\_breadcrumb\_1.inc -rw-rw-r-- 1 ewtdadm ewtdadm 104 Feb 21 09:08 TE\_breadcrumb\_10.inc -rw-rw-r-- 1 ewtdadm ewtdadm 125 Feb 21 09:08 TE\_breadcrumb\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 96 Feb 21 09:08 TE\_breadcrumb\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 106 Feb 21 09:08 TE\_breadcrumb\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 104 Feb 21 09:08 TE\_breadcrumb\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 96 Feb 21 09:08 TE\_breadcrumb\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 99 Feb 21 09:08 TE\_breadcrumb\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 24 Feb 21 09:08 TE\_breadcrumb\_4.inc -rw-rw-r-- 1 ewtdadm ewtdadm 99 Feb 21 09:08 TE\_breadcrumb\_5.inc -rw-rw-r-- 1 ewtdadm ewtdadm 98 Feb 21 09:08 TE\_breadcrumb\_6.inc -rw-rw-r-- 1 ewtdadm ewtdadm 92 Feb 21 09:08 TE\_breadcrumb\_8.inc -rw-rw-r-- 1 ewtdadm ewtdadm 95 Feb 21 09:08 TE\_breadcrumb\_9.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4828 Feb 21 09:08 TE\_footer\_1.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4378 Feb 21 09:08 TE\_footer\_10.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4694 Feb 21 09:08 TE\_footer\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4332 Feb 21 09:08 TE\_footer\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4376 Feb 21 09:08 TE\_footer\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4307 Feb 21 09:08 TE\_footer\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4463 Feb 21 09:08 TE\_footer\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4409 Feb 21 09:08 TE\_footer\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4427 Feb 21 09:08 TE\_footer\_4.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4520 Feb 21 09:08 TE\_footer\_5.inc -rw-rw-r-- 1 ewtdadm ewtdadm 4453 Feb 21 09:08 TE\_footer\_6.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10763 Feb 21 09:08 TE\_footer\_8.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10786 Feb 21 09:08 TE\_header\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10773 Feb 21 09:08 TE\_header\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10768 Feb 21 09:08 TE\_header\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10779 Feb 21 09:08 TE\_header\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10753 Feb 21 09:08 TE\_header\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 10767 Feb 21 09:08 TE\_header\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 28361 Feb 21 09:08 TE\_menu\_14.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26884 Feb 21 09:08 TE\_menu\_15.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26606 Feb 21 09:08 TE\_menu\_16.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26601 Feb 21 09:08 TE\_menu\_17.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26843 Feb 21 09:08 TE\_menu\_2.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26608 Feb 21 09:08 TE\_menu\_3.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26650 Feb 21 09:08 TE\_menu\_4.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26744 Feb 21 09:08 TE\_menu\_5.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26942 Feb 21 09:08 TE\_menu\_6.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26331 Feb 21 09:08 TE\_menu\_8.inc -rw-rw-r-- 1 ewtdadm ewtdadm 26442 Feb 21 09:08 TE\_menu\_9.inc