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7-1393239-7 Product Details

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7-1393239-7
(RT314A03)

TE Internal Number: 7-1393239-7

Active

Industrial Relays (General Purpose)

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

Product Highlights:

- RT1 bistable Series
- Contact - Current Class = 10A to 20A Class, Greater Than 16A
- Contact - Rated Current = 16 A
- Terminal Type = PCB-THT, Plug-in
- Contact - Arrangement = 1 Form C (CO)

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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"> • Power PCB Relay RT1 bistable (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:</p> <ul style="list-style-type: none"> • None Available 	<p>Additional Information:</p> <ul style="list-style-type: none"> • Product Line Information <p>Related Products:</p> <ul style="list-style-type: none"> • Tooling
<p>List all Documents</p>	

Product Features (Please use the Product Drawing for all design activity)	
<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Current Class = 10A to 20A Class, Greater Than 16A • Contact - Rated Current (A) = 16 • Contact - Limiting Continuous Current (A) = 20 • Contact - Limiting Making Current (A) = 30 • Contact - Limiting Breaking Current (A) = 16 • Insulation - Initial Dielectric Between Coil/Contact Class = >4000V Class • Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 5000 • Contact - Rated Voltage (VAC) = 250 • Contact - Switching Voltage Max. (VAC) = 400 • Contact - Limiting Short-Time Current (A) = 16 • Coil - Rated Voltage (VDC) = 3 • Coil - Resistance (Ω) = 21 • Coil - Rated Power, DC (mW) = 429 • Insulation - Creepage Class = >8mm Class • Insulation - Clearance Class = >8mm Class • Insulation - Special Features = Tracking Index of Relay Base PTI250 <p>Dimensions:</p> <ul style="list-style-type: none"> • Mechanical - Length Class = 25mm to 30mm Class • Length (mm [in]) = 29.00 [1.142] • Mechanical - Width Class = 12mm to 16mm Class • Width (mm [in]) = 12.70 [0.500] • Mechanical - Height Class = 15mm to 16mm Class • Height (mm [in]) = 15.70 [0.618] • Insulation - Clearance Between Contact and Coil (mm 	<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = PCB, Socket • Weight (g [oz]) = 14.00 [0.494] <p>Contact Features:</p> <ul style="list-style-type: none"> • Terminal Type = PCB-THT, Plug-in • Contact Material = AgNi90/10 • Contact - Number of Poles = 1 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 1 Form C (CO) • Coil - Magnetic System = Bistable, 1 Coil • Coil - Special Features = UL Coil Insulation Class F <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, Wave solder capable to 265°C • RoHS/ELV Compliance History = Converted to comply with RoHS directive • Approved/Registered Standards = cULus, cCSAus, VDE <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTII • Environmental - Ambient Temperature, Max. (°C [°F]) = 85 [185] • Environmental - Ambient Temperature Class = 70°C to 85°C Class <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tube

[in] = 10 [0.394]

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

Other:

- Series = RT1 bistable
- Brand = Schrack
- Accessories/Socket Type = PCB Socket, DIN-rail Socket

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