



8-1415527-1 Product Details

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8-1415527-1

TE Internal Number: 8-1415527-1

Active

Industrial Relays (General Purpose)

[Converted to EU RoHS/ELV Compliant \(Statement of Compliance\)](#)

Product Highlights:

- PT Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 6 A
- Terminal Type = Plug-in, Quick Connect
- Contact - Arrangement = 4 Form C (CO)

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

Product Features (Please use the Product Drawing for all design activity)	
<p>Electrical Characteristics:</p> <ul style="list-style-type: none"> • Contact - Current Class = 5A to 10A Class, Less Than 16A • Contact - Rated Current (A) = 6 • Contact - Limiting Continuous Current (A) = 6 • Contact - Limiting Making Current (A) = 12 • Contact - Limiting Breaking Current (A) = 6 • Insulation - Initial Dielectric Between Coil/Contact Class = 1500V to 2500VA Class • Insulation - Initial Dielectric Between Open Contacts (V rms) = 1200 • Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2500 • Contact - Rated Voltage (VAC) = 240 • Contact - Switching Voltage Max. (VAC) = 240 • Contact - Limiting Short-Time Current (A) = 300 • Contact - Switching Recommended Load, Min. = 10mA at 12V • Coil - Rated Voltage (VDC) = 60 • Coil - Resistance (Ω) = 4845 • Coil - Rated Power, DC (mW) = 799 • Coil - Rated Power Class = 600mW to 800mW Class • Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2000 • Insulation - Creepage Class = 3mm to 5.5mm Class • Insulation - Clearance Class = 2.5mm to 4mm Class • Insulation - Special Features = 5000V Initial Surge Withstand Voltage between Contacts and Coil <p>Dimensions:</p> <ul style="list-style-type: none"> • Mechanical - Length Class = 25mm to 30mm Class • Length (mm [in]) = 28.00 [1.102] • Mechanical - Width Class = 20mm to 25mm Class • Width (mm [in]) = 22.50 [0.886] • Mechanical - Height Class = 25mm to 30mm Class • Height (mm [in]) = 29.00 [1.142] • Insulation - Clearance Between Contact and Coil (mm [in]) = 4 [0.157] • Insulation - Creepage Between Contact and Coil (mm [in]) = 4 [0.157] 	<p>Body Features:</p> <ul style="list-style-type: none"> • Mount Type = Socket • Weight (g [oz]) = 30.00 [1.058] <p>Contact Features:</p> <ul style="list-style-type: none"> • Terminal Type = Plug-in, Quick Connect • Contact Material = AgNi90/10 • Contact - Number of Poles = 4 <p>Configuration Features:</p> <ul style="list-style-type: none"> • Contact - Arrangement = 4 Form C (CO) • Coil - Magnetic System = Monostable, DC • Coil - Special Features = LED, Electrical Indicator <p>Industry Standards:</p> <ul style="list-style-type: none"> • RoHS/ELV Compliance = RoHS compliant, ELV compliant • Lead Free Solder Processes = Hand solderable with lead free solder • RoHS/ELV Compliance History = Converted to comply with RoHS directive • Approved/Registered Standards = VDE, cULus, LLOYDs <p>Environmental:</p> <ul style="list-style-type: none"> • Environmental - Category of Protection = RTII • Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158] • Environmental - Ambient Temperature Class = 50°C to 70°C Class <p>Packaging Features:</p> <ul style="list-style-type: none"> • Packaging Method = Tube <p>Other:</p> <ul style="list-style-type: none"> • Series = PT • Brand = Schrack • Accessories/Socket Type = PCB Socket, DIN-rail Socket • Additional Features = Mechanical Indicator, Manual Operation

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