



4-1415540-8 Product Details

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4-1415540-8

TE Internal Number: 4-1415540-8

Active

Industrial Relays (General Purpose)

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- XT Package Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 8 A
- Terminal Type = Screw Terminals
- Contact - Arrangement = 2 Form C (CO)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- Series = XT Package
- Terminal Type = Screw Terminals

Electrical Characteristics:

- Contact - Current Class = 5A to 10A Class, Less Than 16A
- [Contact - Rated Current \(A\)](#) = 8
- Contact - Limiting Continuous Current (A) = 8
- Contact - Limiting Making Current (A) = 15
- Contact - Limiting Breaking Current (A) = 8
- Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 5000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000
- Contact - Rated Voltage (VAC) = 240
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 8
- Coil - Rated Voltage (VAC) = 230
- [Coil - Resistance \(Ω\)](#) = 32500
- [Coil - Rated Power, AC \(VA\)](#) = 1.00
- Coil - Rated Power Class = 0.5VAW to 1.0VA Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 2500
- Insulation - Creepage Class = 5.5mm to 8mm Class
- Insulation - Clearance Class = 5mm to 8mm Class
- Insulation - Special Features = Tracking Index of Relay Base PTI175

Dimensions:

- Mechanical - Length Class = >60mm Class
- Length (mm [in]) = 77.00 [3.031]
- Mechanical - Width Class = 12mm to 16mm Class
- Width (mm [in]) = 15.80 [0.622]
- Mechanical - Height Class = >50mm Class
- Height (mm [in]) = 69.00 [2.716]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 8 [0.315]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 8 [0.315]

Body Features:

- Mount Type = DIN Rail
- Weight (g [oz]) = 56.00 [1.977]

Contact Features:

- Contact Material = AgNi90/10
- Contact - Number of Poles = 2

Configuration Features:

- [Contact - Arrangement](#) = 2 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, AC
- Coil - Special Features = LED, Electrical Indicator

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant
- Approved/Registered Standards = VDE, cULus

Environmental:

- Environmental - Category of Protection = RTI
- Environmental - Ambient Temperature, Max. (°C [°F]) = 70 [158]
- Environmental - Ambient Temperature Class = 50°C to 70°C Class

Packaging Features:

- Packaging Method = Box

Other:

- Brand = Schrack
- Additional Features = Manual Operation

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