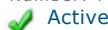


7-1415541-7 Product Details



7-1415541-7

TE Internal Number: 7-1415541-7



Industrial Relays (General Purpose)



Always 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

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Additional Information:

- [Product Line Information](#)

Related Products:

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

Electrical Characteristics:

- 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) = 220
- [Coil - Resistance \(Ω\)](#) = 64533
- [Coil - Rated Power, DC \(mW\)](#) = 952
- Coil - Rated Power Class = 800mW to 1000mW 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

Dimensions:

- 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]

Body Features:

- Mount Type = Socket
- Weight (g [oz]) = 30.00 [1.058]

Contact Features:

- Terminal Type = Plug-in, Quick Connect
- Contact Material = AgNi90/10
- Contact - Number of Poles = 4

Configuration Features:

- [Contact - Arrangement](#) = 4 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, DC
- Coil - Special Features = Electrical Indicator, LED, Protection Diode

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 = LLOYDs, VDE, cULus

Environmental:

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

Packaging Features:

- Packaging Method = Tube

Other:

- [Series](#) = PT
- Brand = Schrack
- Accessories/Socket Type = DIN-rail Socket, PCB Socket
- Additional Features = Mechanical Indicator, Manual Operation

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