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# 1415430-6 Product Details



1415430-6

TE Internal Number: 1415430-6 Active

# Industrial Relays (General Purpose)

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

#### Product Highlights:

- 430 3mm Series
- Contact Current Class = 10A to 20A Class, Greater Than 16A
- Contact Rated Current = 16 A
- Terminal Type = PCB-THT, Quick Connect, Solder Contact Arrangement = 1 Form A (NO)

View all Features





Additional Information: Product Line Information

#### Related Products:

Toolina

#### Documentation & Additional Information

#### Product Drawings:

None Available

#### Catalog Pages/Data Sheets:

Power Relay 430 3mm (PDF, English)

# Product Specifications:

None Available

#### Application Specifications: None Available

Instruction Sheets:

#### None Available

#### CAD Files:

None Available

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

### Product Type Features:

- Series = 430 3mm
- Terminal Type = PCB-THT, Quick Connect, Solder

# **Electrical Characteristics:**

- Contact Current Class = 10A to 20A Class, Greater Than 16A
- Contact Rated Current (A) = 16 • Contact - Limiting Continuous Current (A) = 16
- Contact Limiting Making Current (A) = 25 Contact - Limiting Breaking Current (A) = 16
- Insulation Initial Dielectric Between Coil/Contact Class = 3500V to 4000V Class
- Insulation Initial Dielectric Between Open Contacts (V rms) = 2000
- Insulation Initial Dielectric Between Contacts and Coil (V rms) = 4000
- Contact Rated Voltage (VAC) = 250
- Contact Switching Voltage Max. (VAC) = 400
- Contact Limiting Short-Time Current (A) = 16
- Coil Rated Voltage (VDC) = 12
- Coil Resistance (Ω) = 145
- Coil Rated Power, DC (mW) = 993
- Coil Rated Power Class = 800mW to 1000mW Class
- Insulation Creepage Class = 5.5mm to 8mm Class
- Insulation Clearance Class = 5mm to 8mm Class
- Insulation Special Features = Tracking Index of Relay Base PTI250

# Dimensions:

- Mechanical Length Class = 35mm to 40mm Class
- Length (mm [in]) = 35.50 [1.398]
- Mechanical Width Class = 16mm to 20mm Class
- Width (mm [in]) = 16.51 [0.650]
- Mechanical Height Class = 25mm to 30mm Class
- Height (mm [in]) = 28.50 [1.122]
- Insulation Clearance Between Contact and Coil (mm [in]) = 8 [0.315]
- Insulation Creepage Between Contact and Coil (mm [in]) = 8 [0.315]

# **Body Features:**

List all Documents

- Mount Type = PCB
- Weight (g [oz]) = 32.00 [1.129]

# Contact Features:

- Contact Material = AgCdO
- Contact Number of Poles = 1
- Contact Special Features = 3mm Contact Gap, Bifurcated/Twin Contacts

## **Configuration Features:**

- Contact Arrangement = 1 Form A (NO)
- Coil Magnetic System = Monostable, DC

## **Industry Standards:**

- RoHS/ELV Compliance = RoHS/Not ELV Compliant
- Lead Free Solder Processes = Wave solder capable to 260°C, Wave solder capable to 240°C, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives
- Approved/Registered Standards = cULus, VDE

## 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 = Tray

# Other:

Brand = Schrack

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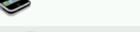








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