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**1-1393204-3 Product Details**

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**1-1393204-3**  
(V23148-B0008-A101)  
TE Internal Number: 1-1393204-3

Active

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**Industrial Relays (General Purpose)**

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

**Product Highlights:**

- U/UB Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 7 A
- Terminal Type = PCB-THT
- Contact - Arrangement = 1 Form C (CO)

[View all Features](#)

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**Documentation & Additional Information**

**Product Drawings:**

- None Available

**Catalog Pages/Data Sheets:**

- [Power PCB Relay U/UB \(PDF, English\)](#)

**Product Specifications:**

- None Available

**Application Specifications:**

- None Available

**Instruction Sheets:**

- None Available

**CAD Files:** ([CAD Format & Compression Information](#))

- [2D Drawing \(DXF, Version SEK1\)](#)
- [3D Model \(IGES, Version SEK1\)](#)
- [3D Model \(STEP, Version SEK1\)](#)

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**Additional Information:**

- [Product Line Information](#)

**Related Products:**

- [Tooling](#)

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

**Product Type Features:**

- Series = U/UB
- Terminal Type = PCB-THT

**Electrical Characteristics:**

- Contact - Current Class = 5A to 10A Class, Less Than 16A
- [Contact - Rated Current \(A\) = 7](#)
- Contact - Limiting Continuous Current (A) = 7
- Contact - Limiting Making Current (A) = 12
- Contact - Limiting Breaking Current (A) = 7
- Insulation - Initial Dielectric Between Coil/Contact Class = 1500V to 2500VA Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 2000
- Contact - Rated Voltage (VAC) = 250
- Contact - Switching Voltage Max. (VAC) = 400
- Contact - Limiting Short-Time Current (A) = 7
- Coil - Rated Voltage (VDC) = 48
- [Coil - Resistance \(Ω\) = 1750](#)
- [Coil - Rated Power, DC \(mW\) = 1317](#)
- Insulation - Creepage Class = 1.5mm to 3mm Class
- Insulation - Clearance Class = 0 to 2.5mm Class

**Dimensions:**

- Mechanical - Length Class = 20mm to 25mm Class

**Body Features:**

- Mount Type = PCB
- Weight (g [oz]) = 9.50 [0.335]

**Contact Features:**

- Contact Material = AgNi90/10
- Contact - Number of Poles = 1

**Configuration Features:**

- [Contact - Arrangement = 1 Form C \(CO\)](#)
- [Coil - Magnetic System = Bistable, 1 Coil](#)

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240°C, Wave solder capable to 260°C
- RoHS/ELV Compliance History = Converted to comply with RoHS directive
- Approved/Registered Standards = cULus

**Environmental:**

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

**Other:**

- Length (mm [in]) = 21.20 [0.834]
- Mechanical - Width Class = 16mm to 20mm Class
- Width (mm [in]) = 16.21 [0.638]
- Mechanical - Height Class = 14mm to 15mm Class
- Height (mm [in]) = 14.90 [0.587]
- Insulation - Clearance Between Contact and Coil (mm [in]) = 2.5 [0.098]
- Insulation - Creepage Between Contact and Coil (mm [in]) = 2.5 [0.098]

- Brand = Schrack

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