



K10P-11DT5-12 Product Details

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K10P-11DT5-12
(5-1393144-0)

TE Internal Number: 5-1393144-0

Active

View 3D PDF

Industrial Relays (General Purpose)

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

Product Highlights:

- K10 Series
- Contact - Current Class = 10A to 20A Class, Less Than 16A
- Contact - Rated Current = 15 A
- Terminal Type = Quick Connect, Solder
- Contact - Arrangement = 2 Form C (CO)

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [K10 15 Amp General Purpose Miniature Relay](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

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

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

[List all Documents](#)

Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Schematic](#)
- [PCB Layout](#)
- [Wiring Diagram](#)

Related Products:

- [Tooling](#)

Feedback

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

Mechanical Attachment:

- Mounting Options = Flange Mount

Electrical Characteristics:

- Contact - Current Class = 10A to 20A Class, Less Than 16A
- [Contact - Rated Current \(A\)](#) = 15
- Contact - Limiting Continuous Current (A) = 15
- Contact - Limiting Making Current (A) = 15
- Contact - Limiting Breaking Current (A) = 15
- Insulation - Initial Dielectric Between Coil/Contact Class = 1000V to 1500VA Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 1000
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1500
- Contact - Rated Voltage (VAC) = 120
- Contact - Limiting Short-Time Current (A) = 15
- Contact - Switching Recommended Load, Min. = 300mA at 12V
- Coil - Rated Voltage (VDC) = 12
- [Coil - Resistance \(Ω\)](#) = 160
- [Coil - Rated Power, DC \(mW\)](#) = 900
- Coil - Rated Power Class = 800mW to 1000mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 1500
- Insulation - Initial Insulation Resistance (MΩ) = 1000000

Dimensions:

- Mechanical - Length Class = 25mm to 30mm Class
- Length (mm [in]) = 27.60 [1.087]

Body Features:

- Mount Type = Panel Mount
- Weight (g [oz]) = 51.00 [1.799]

Contact Features:

- Terminal Type = Quick Connect, Solder
- Contact Material = AgSnOInO
- Contact - Number of Poles = 2

Configuration Features:

- [Contact - Arrangement](#) = 2 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, DC
- Coil - Special Features = UL Coil Insulation Class B

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS/Not ELV Compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Converted to comply with RoHS not ELV directives
- Approved/Registered Standards = CSA, UL

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

- Mechanical - Width Class = 20mm to 25mm Class
- Width (mm [in]) = 21.70 [0.854]
- Mechanical - Height Class = 40mm to 50mm Class
- Height (mm [in]) = 42.70 [1.681]

Other:

- Series = K10
- Brand = Potter & Brumfield
- Accessories/Socket Type = Socket

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