



R10-E1W2-V700 Product Details


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R10-E1W2-V700 (9-1393765-1)

TE Internal Number: 9-1393765-1

 Active

Industrial Relays (General Purpose)

 Converted to EU RoHS but not ELV Compliant ([Find RoHS Compliant Alternates/Statement of Compliance](#))

Product Highlights:

- R10 Series
- Contact - Current Class = 5A to 10A Class, Less Than 16A
- Contact - Rated Current = 7.5 A
- Terminal Type = Plug-in, Solder
- Contact - Arrangement = 2 Form C (CO)

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Documentation & Additional Information

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Additional Information:

- [Product Line Information](#)

Additional Product Images:

- [Schematic](#)
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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 \(A\)](#) = 7.5
- Contact - Limiting Continuous Current (A) = 7.5
- Contact - Limiting Making Current (A) = 7.5
- Contact - Limiting Breaking Current (A) = 7.5
- Insulation - Initial Dielectric Between Coil/Contact Class = 500V to 1000V Class
- Insulation - Initial Dielectric Between Open Contacts (V rms) = 500
- Insulation - Initial Dielectric Between Contacts and Coil (V rms) = 1000
- Contact - Rated Voltage (VAC) = 120
- Contact - Limiting Short-Time Current (A) = 7.5
- Contact - Switching Recommended Load, Min. = 300mA at 12V
- Coil - Rated Voltage (VDC) = 24
- [Coil - Resistance \(Ω\)](#) = 700
- [Coil - Rated Power, DC \(mW\)](#) = 900
- Coil - Rated Power Class = 800mW to 1000mW Class
- Insulation - Initial Dielectric Between Adjacent Contacts (V rms) = 1000
- Insulation - Initial Insulation Resistance (MΩ) = 10000000

Dimensions:

- Mechanical - Length Class = 20mm to 25mm Class
- Length (mm [in]) = 24.10 [0.949]
- Mechanical - Width Class = 16mm to 20mm Class
- Width (mm [in]) = 18.70 [0.736]
- Mechanical - Height Class = 30mm to 40mm Class
- Height (mm [in]) = 30.20 [1.189]

Body Features:

- Mount Type = Socket
- Weight (g [oz]) = 26.00 [0.918]

Contact Features:

- Terminal Type = Plug-in, Solder
- Contact Material = AgCdO
- Contact - Number of Poles = 2

Configuration Features:

- [Contact - Arrangement](#) = 2 Form C (CO)
- [Coil - Magnetic System](#) = Monostable, DC

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 = UL, CSA

Environmental:

- Environmental - Category of Protection = RTI
- Environmental - Ambient Temperature, Max. (°C [°F]) = 75 [167]
- Environmental - Ambient Temperature Class = 70°C to 85°C Class

Packaging Features:

- Packaging Method = Tray

Other:

- [Series](#) = R10
- Brand = Potter & Brumfield

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