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1415898-3 Product Details



1415898-3



Active

Power PC Board Relays



[Always EU RoHS/ELV Compliant](#) ([Statement of Compliance](#))

Product Highlights:

- RT1 Inrush Power Series
- Contact Arrangement = 1 Form A, SPST-NO, 1 N/O
- Contact Current Rating = 16 Amps.
- Bistable Coil Magnetic System
- Without Coil Suppression Diode

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Documentation & Additional Information

Product Drawings:

- None Available

Catalog Pages/Data Sheets:

- [Power PCB Relay RT1 Inrush Power](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

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

Product Type Features:

- [Termination Type](#) = Through Hole
- Comment = High Inrush Version, 165/800A; Pre-make Contact

Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 16
- [Coil Resistance \(?\)](#) = 1440
- [Coil Power, Nominal \(mW\)](#) = 400
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.40
- [Input Voltage \(VDC\)](#) = 24
- Dielectric Strength - Coil Contacts (V rms) = 5000
- Tracking Resistance of Relay Base = PTI250
- Coil Rating = Sensitive

Body Related Features:

- Series = RT1 Inrush Power
- Polarized = Yes
- Enclosure Color = Orange

Contact Related Features:

- [Mounting Options](#) = PC Board, Socket
- [Enclosure](#) = Flux-Tight
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Tin Oxide; Tungsten
- Number of Bistable Coils = 1
- Approx. Dimensions (L x W x H) (mm[in]) = 29.00 x 12.70 x 15.70 [1.142 x .500 x .618]

Housing Related Features:

- Version = High Inrush Current, 165/800A, Pre-make Contact
- Pick-Up (V) = 16.8
- Drop-Out (V) = 16.8

Configuration Related Features:

- [Contact Arrangement](#) = 1 Form A, SPST-NO, 1 N/O
- [Coil Magnetic System](#) = Bistable
- [Coil Suppression Diode](#) = Without
- [Coil Selection Criteria](#) = Nominal Voltage
- Coil Latching = With
- [LED Indicator](#) = Without
- Number of Coils = 1

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Wave solder capable to 240C, Wave solder capable to 260C, Wave solder capable to 265C
- RoHS/ELV Compliance History = Always was RoHS compliant
- Coil Insulation Classification = UL Class F

Packaging Related Features:

- Packaging Method = Carton Bar

Other:

- Contact Type = Pre Make
- Pin Configuration = Industry Standard 5mm
- Wiring Diagram= 1 Form A
- Approved Standards = VDE Component Mark, UL Recognized for Canada and US
- Number of Poles = 1
- Electrical Spacing = 10.0mm Clearance 10.0mm Creepage
- Brand = Schrack

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