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# 3-1415402-1 Product Details



3-1415402-1



Active

## Power PC Board Relays



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

### Product Highlights:

- RT1 Inrush Series
- Contact Arrangement = 1 FormC, SPDT, 1 C/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](#) (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

### Electrical Characteristics:

- [Contact Current Rating \(Amps.\)](#) = 16
- [Coil Resistance \(?\)](#) = 240
- [Coil Power, Nominal \(mW\)](#) = 600
- [Actuating System](#) = DC
- [Coil Power, Nominal \(W\)](#) = 0.60
- [Input Voltage \(VDC\)](#) = 12
- Dielectric Strength - Coil Contacts (V rms) = 5000
- Tracking Resistance of Relay Base = PTI250
- Coil Rating = Sensitive

### Body Related Features:

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

### Contact Related Features:

- [Mounting Options](#) = PC Board
- [Enclosure](#) = Flux-Tight
- FCC Part 68 Isolation = No
- Relay Type = PCB
- [Contact Material](#) = Silver Tin Oxide
- Number of Bistable Coils = 2
- Approx. Dimensions (L x W x H) (mm[in]) = 29.00 x 12.70 x 15.70 [1.142 x .500 x .618]
- Contact Tvne = Single

### Housing Related Features:

- Version = High Inrush Current, 80A
- Pick-Up (V) = 8.4
- Drop-Out (V) = 8.4

### Configuration Related Features:

- [Contact Arrangement](#) = 1 FormC, SPDT, 1 C/O
- [Coil Magnetic System](#) = Bistable
- [Coil Suppression Diode](#) = Without
- [Coil Selection Criteria](#) = Nominal Voltage
- Coil Latching = With
- [LED Indicator](#) = Without
- Number of Coils = 2

### 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 = Converted to comply with RoHS directive
- Coil Insulation Classification = UL Class F

### Packaging Related Features:

- Packaging Method = Plastic Bar

### Other:

- Pin Configuration = Industry Standard 5mm
- Wiring Diagram= 1 FormC
- 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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