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TRF250-145U Product Details



TRF250-145U

TE Part Number: RF0027-000



[Active](#)

PolySwitch Resettable Devices



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

Product Highlights:

- Telecom Application
- Family Name = TRF250
- Through Hole Construction
- IH (Room Temperature) = .145 Amps.
- IT (Room Temperature) = .29 Amps.

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Documentation & Additional Information

Product Drawings:

- [TRF250-145U](#) (PDF, English)

Catalog Pages/Data Sheets:

- None Available

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- None Available

CAD Files:

- None Available

Additional Information:

- [Product Line Information](#)

Related Products:

- [Tooling](#)

[List all Documents](#)

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

- UL Recognized = File No. E74889
- CSA File No. = 78165C
- Comment = Devices are available with 0.5 ohm resistance matching.;
Designed for equipment needing to meet ITU K.20, K.21, K.45
recommendations.

Electrical Characteristics:

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.145
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.29
- [Vmax Operating \(V\)](#) = 60
- [Rmin \(•\)](#) = 3.50
- [Rmax \(•\)](#) = 6.500
- [R1 Max \[Post Trip\] \(•\)](#) = 12.00
- [Vmax Interrupt \(V rms\)](#) = 250
- [UL Rated Current \(Amps.\)](#) = 3
- Tripped Power Dissipation (Typical) (W) = 1.00
- R (Typical) (•) = 5.00
- UL Rated Voltage (V) = 60

Termination Related Features:

- Construction = Through Hole

Body Related Features:

- Lead Type = Kinked

Contact Related Features:

- Family Name = TRF250

Configuration Related Features:

- Coating = Uncoated

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, Wave solder capable to 265°C
- RoHS/ELV Compliance History = Always was RoHS compliant
- TUV Certificate No. = R72041425

Conditions for Usage:

- [Operating Temperature \(Max.\) \(°C\)](#) = 85

Operation/Application:

- Application = Telecom

Packaging Related Features:

- Packaging Method = Bulk, Tape & Reel

Other:

- Brand = Raychem