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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