



Part Number: TRF250-120U-2

PolySwitch Resettable Devices - [Always EU RoHS/ELV Compliant](#)

**Product Type Features:**

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 \(Room Temperature\) \(Amps.\)](#) = 0.12

[IT \(Room Temperature\) \(Amps.\)](#) = 0.24

[Vmax Operating \(V\)](#) = 60

[Rmin \( \$\Omega\$ \)](#) = 6.00

[Rmax \( \$\Omega\$ \)](#) = 10.000

[R1 Max \[Post Trip\] \( \$\Omega\$ \)](#) = 16.00

[Vmax Interrupt \(V rms\)](#) = 250

[UL Rated Current \(Amps.\)](#) = 3

Tripped Power Dissipation (Typical) (W) = 1.00

R (Typical) ( $\Omega$ ) = 8.00

UL Rated Voltage (V) = 60

**Termination Related Features:**

Construction = Through Hole

**Body Related Features:**

Lead Type = Kinked

**Contact Related Features:**

Family Name = TR250

**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 \(Max.\) \( \$^{\circ}\text{C}\$ \)](#) = 85

**Operation/Application:**

Application = Telecom

**Packaging Related Features:**

Packaging Method = Bulk, Tape & Reel

**Other:**

Brand = Raychem

