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## TSM600-250-2 Product Details



**TSM600-250-2**

TE Internal Number: 244012-000



**Obsolete**

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### PolySwitch Resettable Devices

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

**Product Highlights:**

- Telecom Application
- Family Name = TSM600
- Surface Mount Construction
- IH (Room Temperature) = .25 Amps.
- IT (Room Temperature) = .86 Amps.

[View all Features](#)

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### Documentation & Additional Information

**Product Drawings:**

- [TSM600-250](#) (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](#)

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

**Product Type Features:**

- UL Recognized = File No. E74889
- CSA File No. = 78165C
- Comment = Designed for equipment required to meet Telcordia GR-1089, UL60950 and TIA968; can be used for ITU applications.; Device is 0.5 ohm resistance matched.

**Electrical Characteristics:**

- [IH \(Room Temperature\) \(Amps.\)](#) = 0.25
- [IT \(Room Temperature\) \(Amps.\)](#) = 0.86
- [Vmax Operating \(V\)](#) = 250
- [Rmin \(?\)](#) = 1.00
- [Rmax \(?\)](#) = 3.500
- [R1 Max \[Post Trip\] \(?\)](#) = 7.00
- [Vmax Interrupt \(V rms\)](#) = 600
- Power Dissipation (Typical) (W) = 2.00
- R (Typical) (?) = 3.50
- Resistance Matching (?) = 0.5
- UL Rated Voltage (V) = 250

**Termination Related Features:**

- Construction = Surface Mount

**Contact Related Features:**

- Family Name = TSM600

**Configuration Related Features:**

- Coating = Boxed

**Industry Standards:**

- [RoHS/ELV Compliance](#) = ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245°C, Reflow solder capable to 260°C
- RoHS/ELV Compliance History = Always was ELV compliant

**Conditions for Usage:**

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

**Operation/Application:**

- Application = Telecom

**Packaging Related Features:**

- Packaging Method = Tape & Reel

**Other:**

- Brand = Raychem

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