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Sunday, September 10, 2006

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## Product Details for SMD185F-2



**SMD185F-2**

Tyco Part Number: 748040-000



[Active](#)

### PolySwitch Resettable Devices



[RoHS Compliant](#)

#### Product Highlights:

- Surface Mount Application
- Family Name = SMD
- Surface Mount Construction
- IH (Room Temperature) = 1.8 Amps.
- IT (Room Temperature) = 3.60 Amps.

[View all Features](#)

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### Documentation & Additional Information

#### Product Drawings:

- [SMD185E](#) (PDF, English)

#### Catalog Pages/Data Sheets:

- None Available

#### Product Specifications:

- None Available

#### Application Specifications:

- None Available

#### Instruction Sheets:

- None Available

#### CAD Files:

- None Available

[List all Documents](#)

#### Additional Information:

- [Product Line Information](#)

#### Related Products:

- [Tooling](#)

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

**Product Type Features:**

- [UL Recognized](#) = 191099-E74889

**Electrical Characteristics:**

- [IH \(Room Temperature\) \(Amps.\)](#) = 1.8
- [IT \(Room Temperature\) \(Amps.\)](#) = 3.60
- [Vmax Operating \(V\)](#) = 33
- [Rmin \( \)](#) = 0.065
- [R1 Max \[Post Trip\] \( \)](#) = 0.165
- [UL Rated Current \(Amps.\)](#) = 40
- [Tripped Power Dissipation \(Typical\) \(W\)](#) = 1.50

**Termination Related Features:**

- [Construction](#) = Surface Mount

**Body Related Features:**

- [CSA File No.](#) = 1031175 (CA 78165-1)

**Contact Related Features:**

- [Family Name](#) = SMD

**Configuration Related Features:**

- [Form Factor \(inches\)](#) = 3425
- [Form Factor \(mm\)](#) = 8763

**Industry Standards:**

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Reflow solder capable to 245° C, Reflow solder capable to 260°C
- [RoHS/ELV Compliance History](#) = Always was RoHS compliant
- [TUV Certificate No.](#) = R72041427

**Conditions for Usage:**

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

**Operation/Application:**

- [Application](#) = Surface Mount

**Packaging Related Features:**

- [Packaging Method](#) = Tape & Reel

**Other:**

- [Brand](#) = Raychem

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