

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025-1164  
 Phone: 800-227-4856  
 Fax: 800-227-4866

**PolySwitch®**  
**PTC Devices**  
 Overcurrent Protection Device

**PRODUCT: RUEF160S**

DOCUMENT: SCD 26577  
 PCN: RF0631  
 REV LETTER: A  
 REV DATE: MARCH 29, 2006  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

**Maximum Electrical Rating at 20°C**

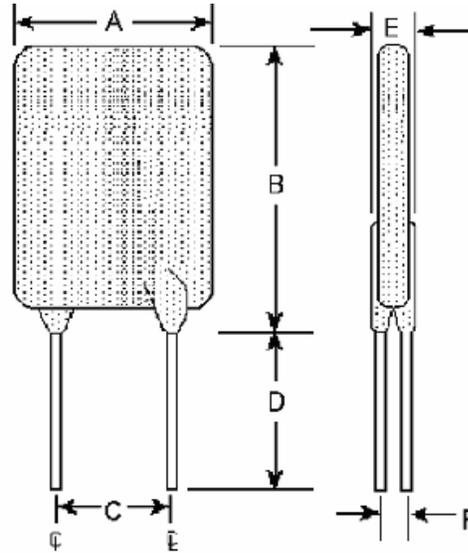
**30 V<sub>DC</sub> / 100 A<sub>DC</sub>**  
**30 V<sub>AC</sub> / 70 A<sub>RMS</sub>**

Insulating Material:  
 Cured, Flame Retardant Epoxy Polymer  
 meets UL94 V-0 Requirements

Lead Material:  
 24 AWG Tin Plated Copper Clad Steel

**Marking:**

-  Raychem Logo and Voltage
-  Part Identification
-  Lot Identification (can be on back)



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	8.9	--	14.4	4.3	5.8	7.6	--	--	3.0
in*:	--	(0.35)	--	(0.57)	(0.17)	(0.23)	(0.30)	--	--	(0.12)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
	AMPS 20°C HOLD	AMPS AT 20°C TRIP		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
1.60	1.60	3.20	8.0	0.03	0.07	0.11	0.9

Agency Recognitions:  
 Reference Documents:  
 Precedence:  
 Effectivity:  
 CAUTION:

UL, CSA, TUV  
 PS300  
 This specification takes precedence over documents referenced herein.  
 Reference documents shall be the issue in effect on the date of invitation for bid.  
 Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.

**Materials Information**

ROHS Compliant      ELV Compliant      Pb-Free

Directive 2002/95/EC  
 Compliant

Directive 2000/53/EC  
 Compliant

