

308 Constitution Drive Menlo Park, CA 94025-1164 Phone: 800-227-4856 www.circuitprotection.com

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

**PRODUCT: RUEF160** 

DOCUMENT: SCD 25172

PCN: C95089 REV LETTER: D

REV DATE: SEPTEMBER 24, 2007

PAGE NO.: 1 OF 1

### **Specification Status: Released**

#### Maximum Electrical Rating at 20°C

30  $V_{DC}$  /100 A  $_{DC}$  30  $V_{AC}$  /70 A<sub>RMS</sub>

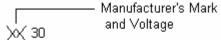
Insulating Material:

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

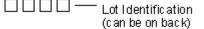
Lead Material:

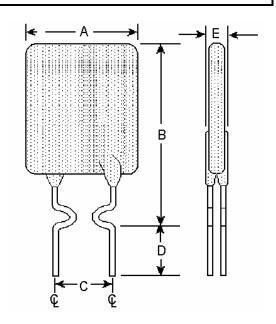
24 AWG Tin Plated Copper Clad Steel

Marking:



UF 160 —— Part Identification





#### **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		15.2	4.3	5.8	7.6			3.0
in*:		(0.35)		(0.60)	(0.17)	(0.23)	(0.30)			(0.12)

<sup>\*</sup>Rounded off approximation

#### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURF RATI		TIME TO TRIP	RESIS	TANCE	ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT
20°C	20°C		20°C, 8 0.A	AT 2	20°C	AT 20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	
1.60	1.60	3.20	8.0	0.03	0.07	0.11	0.9

Agency Recognitions: UL, CSA, TUV

Reference Documents: PS300

Precedence: This specification takes precedence over documents referenced herein.

Effectivity: Reference documents shall be the issue in effect on the date of invitation for bid.

CAUTION: 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



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