

**Tyco / Electronics**  
**Raychem Circuit Protection**  
 308 Constitution Drive  
 Menlo Park, CA 94025  
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 FAX 800-227-4866

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

**PRODUCT: TR600-160-R1**

DOCUMENT: SCD 24993  
 PCN: 792256  
 REV LETTER: A  
 REV DATE: MARCH 29, 2002  
 PAGE NO.: 1 OF 1

**Specification Status: Released**

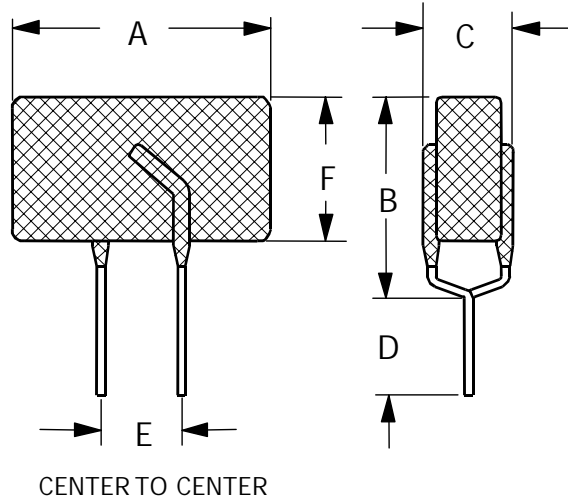
**Max Electrical Rating at 20°C**

**Operating Voltage: 250V<sub>DC</sub>**  
**Fault Voltage: 600V<sub>RMS</sub>**  
**Interrupt Current: 3A<sub>RMS</sub>**

Lead Material :  
 22 AWG Sn/Pb plated copper

**Marking:**

Raychem Logo and Voltage  
 X 600  
 160 — Part Identification  
 □ □ □ □ — Lot Identification



**TABLE I. DIMENSIONS:**

	A		B		C		D		E	F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM	MIN	MAX
mm:	--	16.0	--	12.6	--	6.0	2.4	--	5.0	--	10.0
in:	--	(0.630)	--	(0.496)	--	(0.236)	(0.095)	--	(0.197)	--	(0.394)

**TABLE II. PERFORMANCE RATINGS @ 20°C (unless otherwise noted):**

IHOLD (A)		RESISTANCE (Ω)			TYPICAL TIME TO TRIP (s) @ 1A TYP	OPERATING TEMPERATURE (°C)	
20°C	60°C	R MIN	R MAX	R <sub>1 MAX</sub> *		MIN	MAX
0.160	0.100	4.0	8.0	17.0	9.0	-40	85

\* Maximum device resistance at 20°C measured 1 hour post trip.

Storage Temperature: -40° to 85°C

Agency Recognition: UL, CSA  
 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.