

Raychem Corporation

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PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RUE160

DOCUMENT: SCD 22050
PCN: 718881
REV LETTER: I
REV DATE: AUGUST 26, 1999
PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

Insulating Material:

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

Lead Material:

24 AWG Tin/Lead Plated Copper Clad Steel

Marking:

- Raychem Logc and Voltage
- XX 30
- Part Identification
- U160
- Lot Identification (can be on back)
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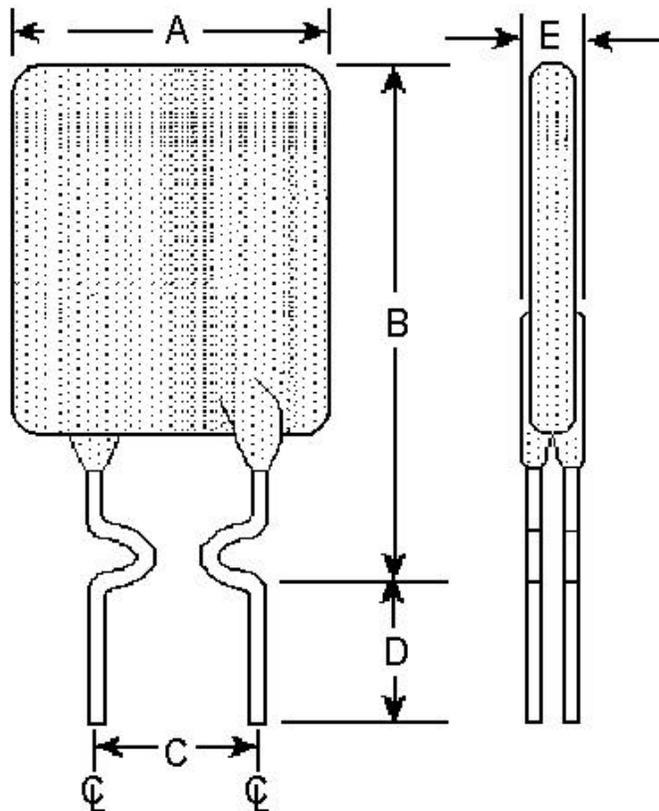


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
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)	--

*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 0°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C, 8.5A MAX		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
1.60	1.84	3.68	1.60	3.20	0.96	1.92	8.0	0.03	0.07	0.11	0.9

Recognitions: UL/CSA/TUV approved
 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.