

Raychem Circuit Protection

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Raychem

PolySwitch®

PTC Devices

Resettable Fuse

PRODUCT: RGE1000

DOCUMENT: SCD24093
PCN: 470961
REV LETTER: E
REV DATE: MARCH 8, 2000
PAGE NO.: 1 OF 1

Specification Status: PRELIMINARY

Electrical Rating

Voltage: 16V MAX
Current: 100A MAX

Insulating Material:

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

Lead Material:

20 AWG Tin/Lead Plated Copper

Marking:

- Raychem Logo and Voltage
- XX 16 — Part Identification
- G1 0 0 0 — Lot Identification (can be on back)
- □ □ □ — Lot Identification (can be on back)

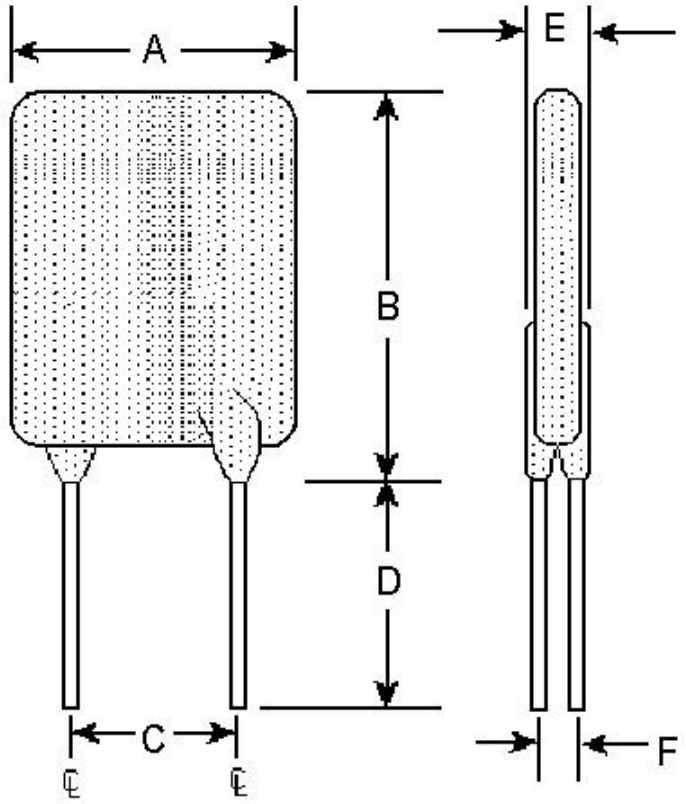


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	15.5	16.5	21.1	25.2	4.3	5.8	7.6	--	2.0	3.0	1.2
in*:	(0.61)	(0.65)	(0.83)	(0.99)	(0.17)	(0.23)	(0.30)	--	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT TRIP LIMITS		TIME TO TRIP	RESISTANCE VALUES		TRIPPED-STATE POWER DISSIPATION
	AMPS 25°C HOLD	AMPS AT 25°C TRIP		SECONDS AT 25°C, 50.0 A MAX	OHMS AT 25°C MIN	
10.0	10.0	17.0	6.0	0.004	0.0102	3.6

Recognitions: CSA/ TUV/ UL 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.