

Raychem Corporation

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PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RGE600

DOCUMENT: SCD 23910
PCN: 228875
REV LETTER: D
REV DATE: FEBRUARY 5, 2000
PAGE NO.: 1 OF 1

Specification Status: RELEASED

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
(0.81mm [0.032] nom. diameter)

Marking:

- Raychem Logo and Voltage
- ⊗ 16 — Part Identification
- G 600 — Part Identification
- □ □ □ — Lot Identification (can be on back)

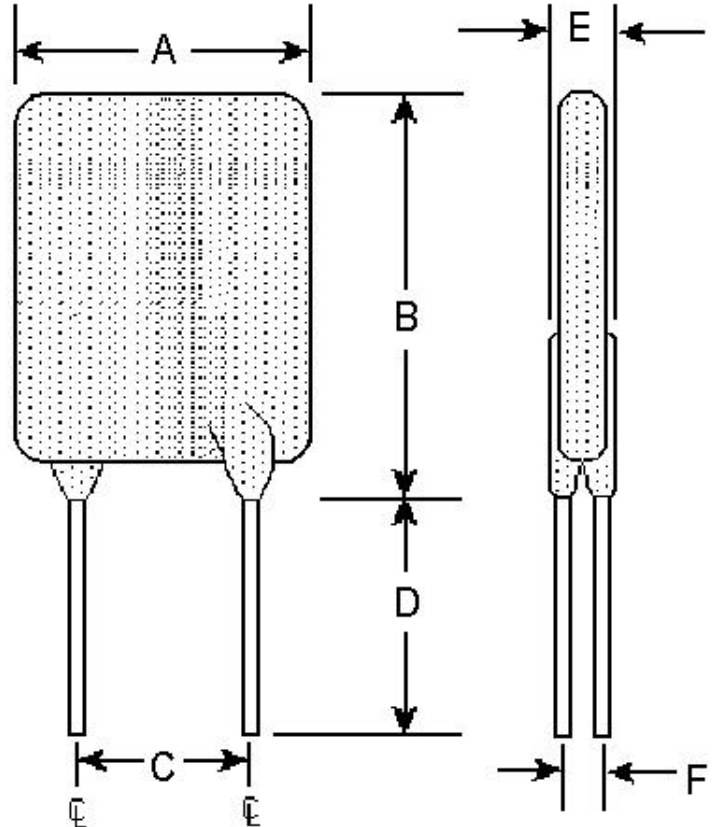


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	9.7	10.7	12.2	17.1	4.3	5.8	7.6	-	2.0	3.0	1.2
in*:	(0.38)	(0.42)	(0.48)	(0.67)	(0.17)	(0.23)	(0.30)	-	(0.08)	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS		TIME TO TRIP	RESISTANCE		TRIPPED-STATE POWER DISSIPATION
AMPS 25°C HOLD	AMPS AT 25°C HOLD	AMPS AT 25°C TRIP	SECONDS AT 25°C, 30 A MAX	OHMS AT 25°C MIN	OHMS AT 25°C MAX	WATTS AT 25°C, 16V TYP
6.0	6.0	10.2	3.3	0.010	0.028	2.8

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.