

Raychem Corporation

300 Constitution Drive
Menlo Park, CA 94025
800-227-4856
FAX 800-227-4866



PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RGE1400K

DOCUMENT: SCD 23906
PCN: 440589
REV LETTER: F
REV DATE: FEBRUARY 1, 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:

18 AWG Tin/Lead Plated Copper
(1.0mm [0.040] nom. diameter)

Marking:

- Raychem Logo and Voltage
- XX 16 — Part Identification
- G1 4 0 0 — Lot Identification (can be on back)
- □ □ □ — Lot Identification (can be on back)

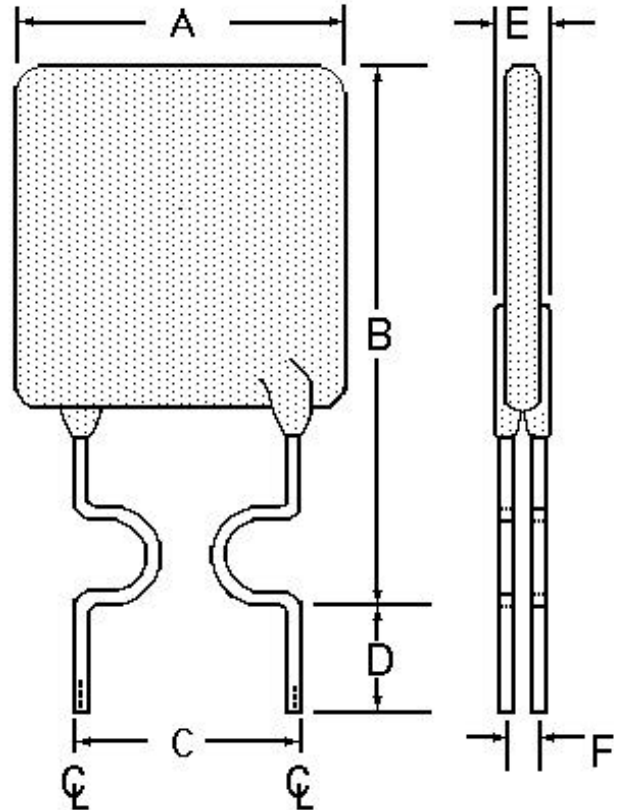


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	22.4	23.5	25.4	31.9	9.4	10.9	7.6	-	2.3	3.5	1.4
in*:	(0.880)	(0.925)	(1.00)	(1.26)	(0.37)	(0.43)	(0.30)	-	(0.09)	(0.14)	(0.06)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT RATINGS						TIME TO TRIP	RESISTANCE		TRIPPED-STATE POWER DISSIPATION
	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C			OHMS AT 25°C		
25°C HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 25°C, 70 A MAX	MIN	MAX	WATTS AT 25°C, 16V TYP
14.0	----	----	14.0	23.8	----	----	9.0	0.0026	0.0064	4.4

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.