

Raychem Corporation

300 Constitution Drive
Menlo Park, CA 94025
800-227-4856
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R PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RUE185

DOCUMENT: SCD 22051
PCN: 837369
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:

XX 30 — Raychem Logo
and Voltage
U185 — Part Identification
□□□□ — Lot Identification
(can be on back)

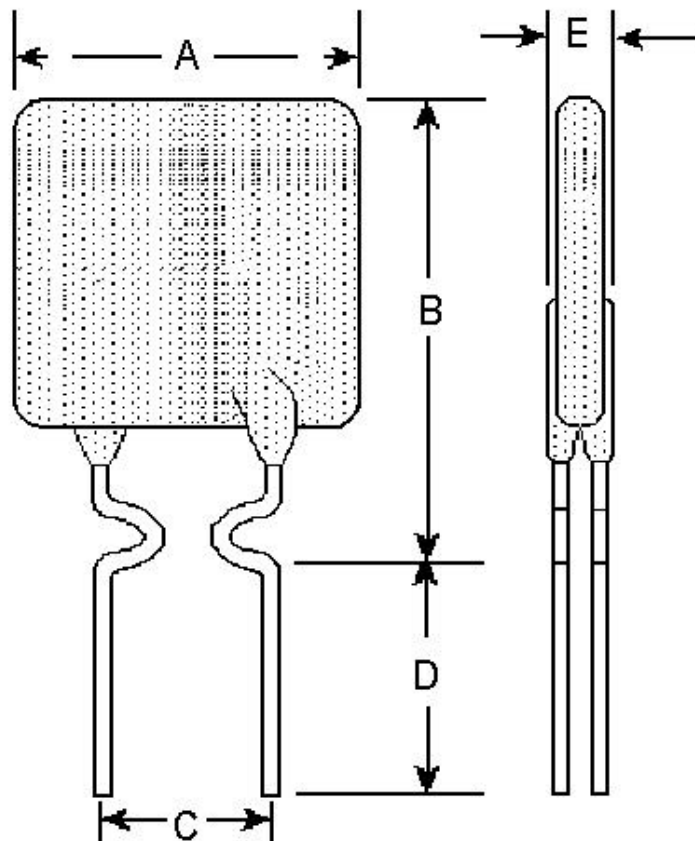


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	10.2	--	15.7	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.40)	--	(0.62)	(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	AMPS AT 60°C TRIP		OHMS AT 20°C MIN	OHMS AT 20°C MAX		
1.85	2.13	4.26	1.85	3.70	1.11	2.22	8.7	0.03	0.06	0.09	1.0

Recognitions:

UL/CSA/TUV approved

Reference Documents:

PS300

Precedence:

This specification takes precedence over documents referenced herein.

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Effectivity:
CAUTION:

Reference documents shall be the issue in effect on the date of invitation for bid.
Operation beyond the rated voltage or current may result in rupture, electrical arcing or flame.