

Raychem Corporation

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R PolySwitch® PTC Devices Resettable Fuse

PRODUCT: RUE090

DOCUMENT: SCD 22047
PCN: 435431
REV LETTER: J
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 Logo
and Voltage
XX 30
U090 — Part Identification
□ □ □ □ — Lot Identification
(can be on back)

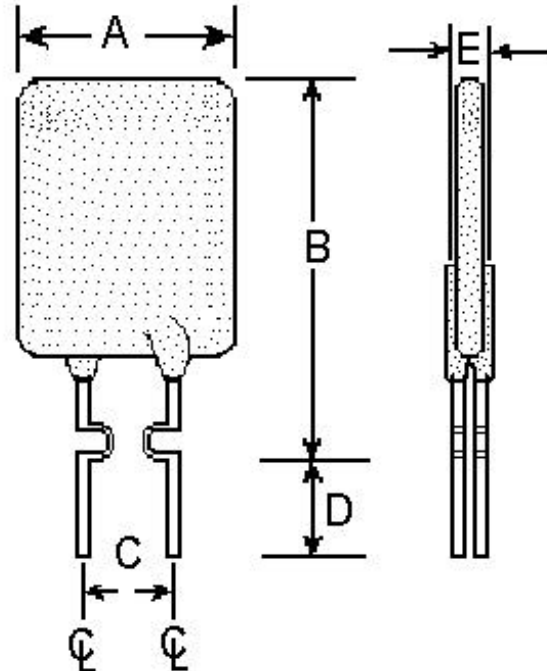


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	7.4	--	12.2	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.29)	--	(0.48)	(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 AT 0°C		AMPS AT 20°C		AMPS AT 60°C			OHMS AT 20°C			
AMPS 20°C HOLD	AMPS AT 0°C HOLD	AMPS AT 0°C TRIP	AMPS AT 20°C HOLD	AMPS AT 20°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 20°C, 4.5A MAX	OHMS AT 20°C MIN	OHMS AT 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C
0.90	1.04	2.08	0.90	1.80	0.54	1.08	5.9	0.07	0.12	0.22	0.6

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.