

Tyco/Electronics
Raychem Circuit Protection
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUE900K

DOCUMENT: SCD 23570
 PCN: 191129
 REV LETTER: F
 REV DATE: SEPTEMBER 2, 2004
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Maximum Electrical Rating at 20°C

30 V_{DC} / 100 A_{DC}
30 V_{AC} / 70 A_{RMS}

Insulating Material:
 Cured, Flame Retardant Epoxy Polymer
 meets UL94 V-0 Requirements

Lead Material:
 20 AWG Tin/Lead Plated Copper

Marking:

Raychem Logo
 and Voltage
 XX 30
 U900 — Part Identification
 □□□□ — Lot Identification
 (can be on back)

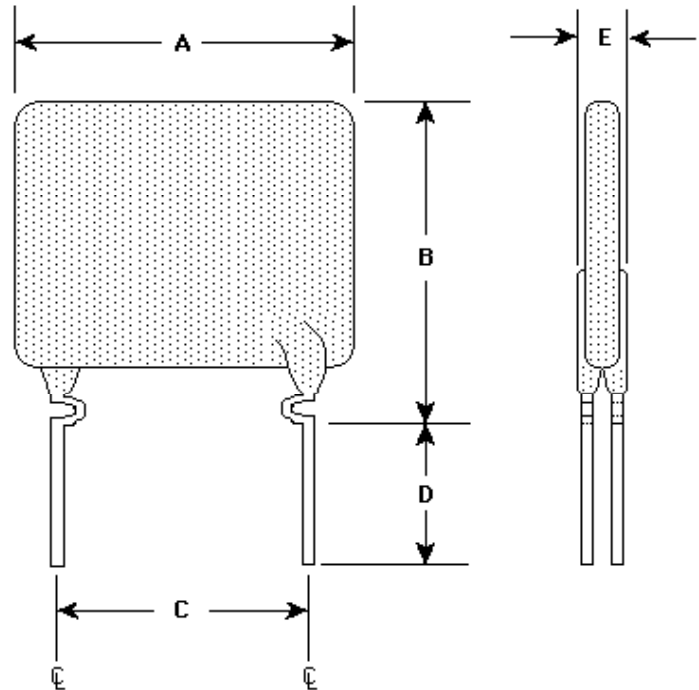


TABLE I. DIMENSIONS:

	A		B		C		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	--	24.1	--	31.0	9.4	10.9	7.6	--	--	3.0
in*:	--	(0.95)	--	(1.22)	(0.37)	(0.43)	(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	AMPS AT 20°C		SECONDS AT 20°C, 45.0A	OHMS AT 20°C		OHMS AT 20°C	WATTS AT 20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	
9.00	9.00	18.00	20.0	0.005	0.01	0.02	4.2

Agency Recognitions:
 Reference Documents:
 Precedence:
 Effectivity:
 CAUTION:

UL, CSA, TUV
 PS300

This specification takes precedence over documents referenced herein.
 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