

Tyco/Electronics
Raychem Circuit Protection
 308 Constitution Drive
 Menlo Park, CA 94025
 800-227-4856
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PolySwitch®
PTC Devices
 Overcurrent Protection Device

PRODUCT: RUE900K

DOCUMENT: SCD 23570
 PCN: 191129
 REV LETTER: E
 REV DATE: SEPTEMBER 30, 2002
 PAGE NO.: 1 OF 1

Specification Status: RELEASED

Electrical Rating

Voltage: 30V MAX
Current: 40A MAX

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

Lead Material:
 20 AWG Tin/Lead Plated Copper

Marking:

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

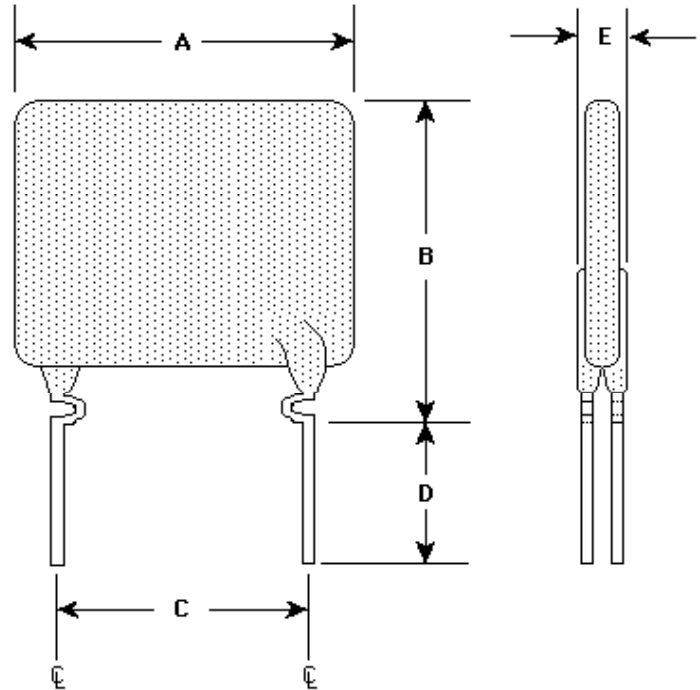


TABLE I. DIMENSIONS:

	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 HOLD		AMPS AT 0°C AT 20°C		AMPS AT 60°C			OHMS AT 20°C				
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	SECONDS AT 20°C, 40A MAX	MIN	MAX	OHMS AT 20°C MAX	WATTS AT 20°C	
	9.00	10.35	20.70	9.00	18.00	6.12	12.24	20.0	0.005	0.01	0.2	4.2

Recognitions: UL, CSA, TUV recognized.
 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