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PolySwitch® **PTC Devices**

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUEF110

DOCUMENT: SCD 25170 PCN: F43372 **REV LETTER: D** REV DATE: APRIL 24, 2007 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}

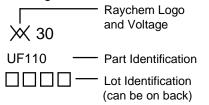
Insulating Material:

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

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:



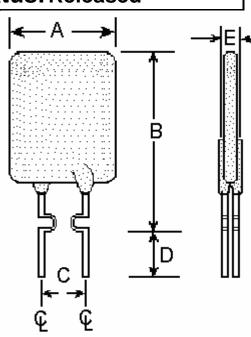


TABLE I. DIMENSIONS:

	A		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	-	7.4		14.2	4.3	5.8	7.6			3.0
in*:	-	(0.29)		(0.56)	(0.17)	(0.23)	(0.30)			(0.12)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD		RENT INGS	TIME TO TRIP	RESIST	ANCE	ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS 20°C HOLD		S AT)°C TRIP	SECONDS AT 20°C, 5.5A MAX	OHI AT 2 MIN		OHMS AT 20°C MAX	WATTS AT 20°C
1.10	1.10	2.20	6.6	0.07	0.10	0.17	0.7

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.

Materials Information **ROHS Compliant**

ELV Compliant









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