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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUEF600

DOCUMENT: SCD 25178

PCN: F24402 **REV LETTER: D**

REV DATE: SEPTEMBER 24, 2007

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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 Plated Copper

Marking:

 Manufacturer's Mark and Voltage XX = 30

UF 600 Part Identification

Lot Identification (can be on back)

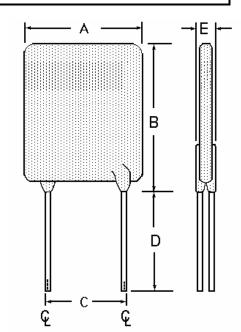


TABLE I. DIMENSIONS:

	Α		В		С		D		E				
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX			
mm:		16.5		24.1	9.4	10.9	7.6			3.0			
in*:		(0.65)		(0.95)	(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	NOMINAL TRIPPED POWER DISSIPATION
						TRIP	
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT
20°C	20°C		20°C, 30.0A	AT 20.0° C		AT 20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	
6.00	6.00	12.00	16.0	0.005	0.02	0.04	3.5

Agency Recognitions: UL, CSA, TUV 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.

Materials Information

ROHS Compliant ELV Compliant Pb-Free

Directive 2002/95/EC Compliant

Directive 2000/53/EC Compliant



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