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PolySwitch® PTC Devices

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUEF300

DOCUMENT: SCD 25175 PCN: D55663

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 = 30UF 300 Part I dentification □□□□□ Lot Identification (can be on back)

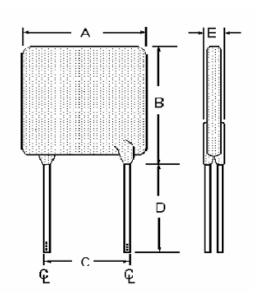


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		11.4		16.5	4.3	5.8	7.6			3.0
in*:	-	(0.45)		(0.65)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

	I HOLD	CURRENT		TIME TO	RESISTANCE		ONE-HOUR	NOMINAL
		RATINGS		TRIP			POST-TRIP	TRIPPED
ı							RESISTANCE	POWER
							STANDARD	DISSIPATION
							TRIP	
I	AMPS	AMPS AT		SECONDS AT	OH	HMS	OHMS	WATTS AT
	20°C	20°C		20°C,15.0A	AT 20.0° C		AT 20°C	20°C
	HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	
Ĺ	3.00	3.00	6.00	10.8	0.02	0.05	0.08	2.0

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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