

308 Constitution Drive Menlo Park, CA USA www.circuitprotection.com

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUEF300

DOCUMENT: SCD25175

REV LETTER: H

REV DATE: AUGUST 13, 2013

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Specification Status: Released

Maximum Electrical Rating at 20℃

30 Vpc /100 Apc 30 Vac /70 Arms

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X U300 and Part Identification



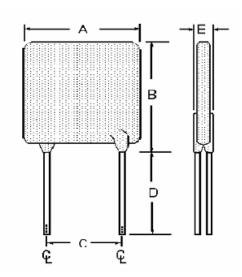


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	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 RATINGS		TIME TO TRIP	RESISTANCE		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	POST-TRIP ESISTANCE STANDARD	
Ī	AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT
ı	20℃	20℃		20℃,15.0A	AT 20.0°C		AT 20℃	20℃	20℃
L	HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
Ĺ	3.00	3.00	6.00	10.8	0.02	0.05	0.08	2.00	2.51

Agency Recognitions: UL, CSA, TUV, CQC

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 Halogen Free*

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm, Br+Cl≤1500ppm.