

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

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF300

DOCUMENT: SCD25228

REV LETTER: F

REV DATE: FEBRUARY 02, 2012

PAGE NO.: 1 OF 1

Specification Status: Released

Electrical Rating

Voltage: 72 V max (AC or DC) Current: 40 A max (AC or DC)

Insulating Material:

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

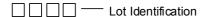
Lead Material:

20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X300 and Part Identification



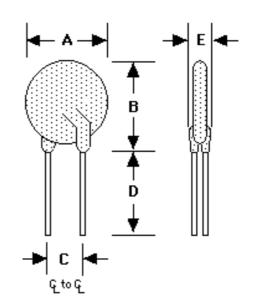


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		23.9		28.6	9.4	10.9	7.6			3.0
in*:		(0.94)		(1.13)	(0.37)	(0.43)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

17 DEL III I EIG GIGII/ GIGE I												
I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE					
RATED	RATINGS		RESISTANCE			POST-TRIP	POW	POWER				
CURRENT	NT T		VALUES			RESISTANCE	DISSIPATION					
						STANDARD						
						TRIP						
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS				
AT 20°C	AT 20°C		AT 20°C		20°C, 15.0A	AT 20°C	AT 20°C	AT 20°C				
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX				
3.0	3.0	6.0	0.04	0.06	19.8	0.10	2.8	3.49				

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

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.