

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF090

DOCUMENT: SCD25222

REV LETTER: H

REV DATE: JULY 26, 2016

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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:

24 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

X90 and Part Identification

_____Lot Identification

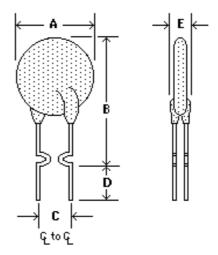


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		11.2		15.8	4.3	5.8	7.6			3.0
in*:		(0.44)		(0.62)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

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I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE		
RATED	RATINGS		RESISTANCE			POST-TRIP		POWER DISSIPATION	
CURRENT	CURRENT		VALUES			RESISTANCE			
						STANDARD TRIP			
AMPERES	AMPERES AT 20°C		OHMS AT 20°C		SECONDS AT	OHMS	WATTS	WATTS	
AT 20°C					20°C, 4.5A	AT 20°C	AT 20°C	AT 20°C	
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX	
0.90	0.90	1.80	0.20	0.31	7.2	0.47	0.99	1.59	

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





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



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