

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF030

DOCUMENT: SCD25217

REV LETTER: I

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

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

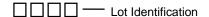
Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

XX X30 and Part Identification



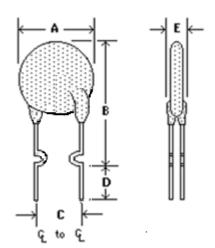


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		12.7	4.3	5.8	7.6			3.0
in*:		(0.29)	-	(0.50)	(0.17)	(0.23)	(0.30)			(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

	77.522 III 7 214 G1417 4162 10 41 114 GG.												
	I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-	IPPED- STATE				
ı	RATED	RATINGS		RESISTANCE			POST-TRIP	POST-TRIP POWER DISS					
ı	CURRENT			VALUES			RESISTANCE						
ı							STANDARD						
ı							TRIP						
ı	AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS	WATTS				
ı	AT 20°C	AT 20°C		AT 20°C		20°C, 1.5A	AT 20°C	AT 20°C	AT 20°C				
ı	HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX				
ı	0.30	0.30	0.60	0.88	1.33	3.0	2.10	0.49	0.77				

Agency Recognitions:

UL, CSA, TUV, CQC

Reference Documents:

PS300

Precedence:

This specification takes precedence over documents referenced herein.

Effectivity: CAUTION:

Reference documents shall be the issue in effect on the date of invitation for bid. 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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