

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RXEF110K

DOCUMENT: SCD26370 **REV LETTER: F 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:

20 AWG Tin Plated Copper

Marking:

- Manufacturer's Mark

XX110 and Part Identification

Lot Identification

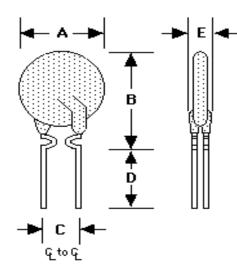


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		13.0		18.2	4.3	5.8	7.6			3.0
in*:		(0.51)		(0.72)	(0.17)	(0.23)	(0.30)			(0.12)

*Rounded off approximation

ABLE II. PERFORMANCE RATINGS:

I HOLD	CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED- STATE	
RATED	RATINGS		RESISTANCE			POST-TRIP	POWER	
CURRENT			VALUES			RESISTANCE	DISSIPATION	
						STANDARD		
						TRIP		
AMPERES	AMPE	RES	OH	MS	SECONDS AT	OHMS	WATTS	WATTS
AT 20°C	AT 2	2°C	AT 2	20°C	20°C, 5.5A	AT 20°C	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL	MAX
1.10	1.10	2.20	0.15	0.25	8.2	0.38	1.5	2.50
	RATED CURRENT AMPERES AT 20°C HOLD	AMPERES AMPE AT 20°C AT 2 HOLD HOLD	AMPERES AT 20°C HOLD HOLD	RATED CURRENT RATINGS RESIS VAL AMPERES AMPERES OH AT 20°C AT 20°C AT 2 HOLD HOLD TRIP	RATED CURRENT RATINGS RESISTANCE VALUES AMPERES AMPERES OHMS AT 20°C AT 20°C AT 20°C HOLD HOLD TRIP	RATED CURRENTRATINGSRESISTANCE VALUESAMPERES AT 20°CAMPERES AT 20°COHMS AT 20°CSECONDS AT 20°C, 5.5A MAX	RATED CURRENT RATINGS RESISTANCE VALUES POST-TRIP RESISTANCE STANDARD TRIP AMPERES AMPERES OHMS SECONDS AT OHMS AT 20°C AT 20°C AT 20°C AT 20°C AT 20°C AT 20°C HOLD HOLD TRIP MIN MAX MAX	RATED CURRENT RATINGS RESISTANCE VALUES POST-TRIP RESISTANCE STANDARD TRIP POW DISSIPA AMPERES AMPERES OHMS SECONDS AT OHMS WATTS AT 20°C AT 20°C AT 20°C 20°C, 5.5A AT 20°C AT 20°C HOLD HOLD TRIP MIN MAX MAX MAX

Agency Recognitions: Reference Documents:

	CC 1	TUV,	-
L.,	COA.	IUV.	
_,	,	,	

ELV Compliant

Compliant

U PS300 This specification takes precedence over documents referenced herein. 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.

Pb-Free

Materials Information **ROHS Compliant**

Precedence:

Effectivity:

CAUTION:



Directive 2000/53/EC



Halogen Free*



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



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