

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUEF600

DOCUMENT: SCD25178

REV LETTER: G

REV DATE: JULY 26,2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Electrical Rating at 20°C

 $30 \text{ V}_{DC} / 100 \text{ A}_{DC}$ $30 \text{ V}_{AC} / 70 \text{ A}_{RMS}$

Insulating Material:

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

Lead Material:

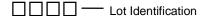
20 AWG Tin Plated Copper

Marking:

Manufacturer's Mark

Multiple Manufacturer's Mark

Multiple Manufacturer's Mark



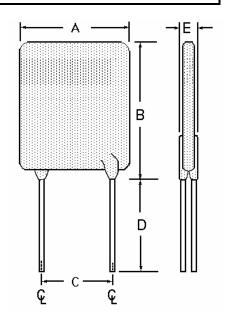


TABLE I. DIMENSIONS:

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		16.5		24.1	9.4	10.9	7.6			3.0
in*:		(0.65)		(0.95)	(0.37)	(0.43)	(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	TRIPPED POWER DISSIPATION	
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT
20°C	20°C		20°C, 30.0A	AT 20.0° C		AT 20°C	20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
6.00	6.00	12.00	16.0	0.005	0.02	0.04	3.50	3.68

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



HF

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



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