

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUEF300U

DOCUMENT: SCD26845

REV LETTER: E

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating
Voltage: 30V MAX
Current: 100A MAX

Insulating Material:

None

Lead Material:

20 AWG Tin Plated Copper

Marking: None

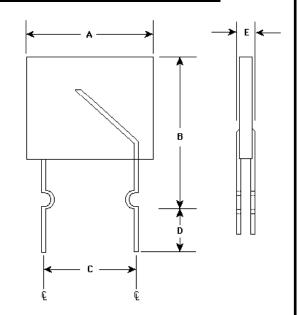


TABLE I. DIMENSIONS:

	А		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		10.4		17.3	4.3	5.8	7.6			2.0
in*:		(0.41)		(0.68)	(0.17)	(0.23)	(0.30)			(0.08)

^{*}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 8A	OHMS		OHMS	WATTS AT	WATTS AT
20°C	20°C		20°C,	AT 20°C		AT 20°C	20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
3.0	3.0	6.0	7.0	0.03	0.048	0.072	2.0	2.38

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant





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