

Expertise Applied Answers Delivered

PolySwitch® **PTC Devices**

Overcurrent Protection Device

PRODUCT: RUEF900K

DOCUMENT: SCD26293 **REV LETTER: D REV DATE: JULY 26, 2016** PAGE NO.: 1 OF 2

Е

Specification Status: Released

Maximum Electrical Rating at 20°C 30 V_{DC} /100 A_{DC} 30 V_{AC} /70 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

 \times U900 and Part Identification

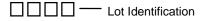


TABLE I. DIMENSIONS:

	А		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		24.1		31.0	9.4	10.9	7.6			3.0
in*:		(0.95)		(1.22)	(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 20°C HOLD	AMPS AT 20°C HOLD TRIP		SECONDS AT 20°C, 45.0A MAX	OHMS AT 20°C MIN MAX		OHMS AT 20°C MAX	WATTS AT 20°C NOMINAL	WATTS AT 20°C MAX
9.00	9.00	18.00	20.0	0.005	0.01	0.02	4.20	4.91

Agency Recognitions: Reference Documents: Precedence: Effectivity: CAUTION:

UL, CSA, TUV

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.

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Materials Information

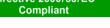


Compliant





Halogen Free*



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



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