Tyco Electronics

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PolySwitch® **PTC Devices**

Overcurrent Protection Device

Raychem Circuit Protection Products

PRODUCT: RUEF900

DOCUMENT: SCD 25181 PCN: A31317 **REV LETTER: D** REV DATE: SEPTEMBER 24, 2007 PAGE NO.: 1 OF 1

E

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 and Voltage XX 30 UF 900 -

Part Identification

Lot I dentification (can be on back)

В D

А

TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		24.1		29.0	9.4	10.9	7.6			3.0
in*:		(0.95)		(1.14)	(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	NOMINAL TRIPPED POWER DISSIPATION
	AMPS 20°C HOLD		PS AT 0°C TRIP	SECONDS AT 20°C, 45.0A MAX		IMS 20°C MAX	OHMS AT 20°C MAX	WATTS AT 20°C
ľ	9.00	9.00	18.00	20.0	0.005	0.01	0.02	4.2

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.

Materials Information **ROHS Compliant**

ELV Compliant









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