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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

**PRODUCT: RUEF135** 

DOCUMENT: SCD 25171 PCN: C13877

REV LETTER: E REV DATE: SEPTEMBER 24, 2007

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## **Specification Status: Released**

#### Maximum Electrical Rating at 20°C

30  $V_{DC}$  /100 A  $_{DC}$  30  $V_{AC}$  /70 A<sub>RMS</sub>

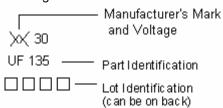
Insulating Material:

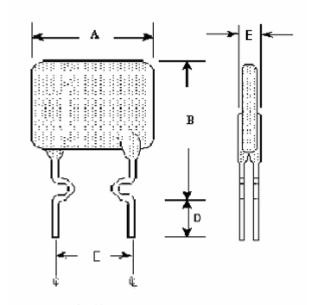
Cured, Flame Retardant Epoxy Polymer meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:





#### **TABLE I. DIMENSIONS:**

	Α		В		С		D		Е	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		13.5	4.3	5.8	7.6			3.0
in*:		(0.35)		(0.53)	(0.17)	(0.23)	(0.30)			(0.12)

<sup>\*</sup>Rounded off approximation

#### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	CURI RATI		TIME TO TRIP	RESIS	TANCE	ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
AMPS	AMPS AT 20°C		SECONDS AT	OHMS AT 20°C		OHMS	WATTS AT 20°C
20°C HOLD	HOLD	TRIP	20°C, 6.75.A MAX	MIN	MAX	AT 20°C MAX	20°C
1.35	1.35	2.70	7.3	0.04	0.08	0.13	0.8

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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