

# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: RUEF400

DOCUMENT: SCD25176

REV LETTER: H

**REV DATE: JULY 26,2016** 

PAGE NO.: 1 OF 2

### **Specification Status: Released**

Maximum Electrical Rating at 20°C 30 V<sub>DC</sub> /100 A <sub>DC</sub> 30 V<sub>AC</sub> /70 A<sub>RMS</sub>

Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper

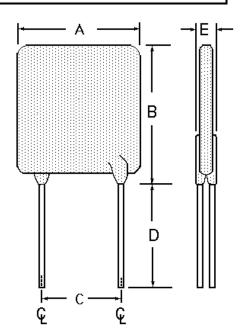
Marking:

Manufacturer's Mark

Multiple Manufacturer's Mark

Multiple Manufacturer's Mark

□□□□ — Lot Identification



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

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		14.0	-	19.3	4.3	5.8	7.6	-	-	3.0
in*:		(0.55)	-	(0.76)	(0.17)	(0.23)	(0.30)	-	-	(0.12)

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

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

I HOLD	CURREN	T RATINGS	TIME TO RES		TANCE	ONE-HOUR	TRIPPED	
			TRIP			POST-TRIP	DISSIP	ATION
						RESISTANCE		
						STANDARD		
						TRIP		
AMPS	AMPS AT		SECONDS AT	OHMS		OHMS	WATTS AT	WATTS AT
20°C	20°C		20°C, 20.0A	AT 20.0° C		AT 20°C	20°C	20°C
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	NOMINAL	MAX
4.00	4.00	8.00	12.7	0.01	0.03	0.05	2.50	2.68

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





<sup>\*</sup> Halogen Free refers to: Br≤900ppm, Cl≤900ppm,Br+Cl≤1500ppm.



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