

**PolySwitch®**  
**PTC Devices**  
Overcurrent Protection Device

PRODUCT: RHEF1400

DOCUMENT: SCD26365  
PCN: RF0135  
REV LETTER: D  
REV DATE: MAY 11, 2011  
PAGE NO.: 1 OF 1

**Specification Status: Released**

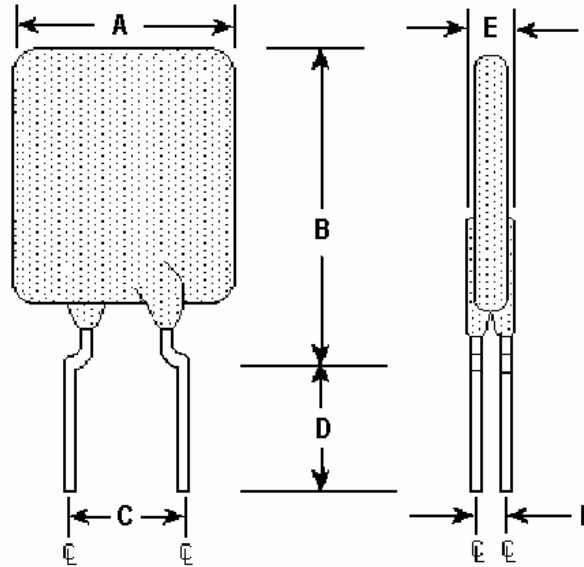
**Electrical Rating**  
**Voltage: 16V<sub>DC</sub> MAX**  
**Current: 100A MAX**

**Insulating Material:**  
Cured, Flame Retardant Epoxy Polymer  
meets UL94 V-0 Requirements

**Lead Material:**  
18 AWG Tin Plated Copper  
(1.0 mm [0.04] nom. diameter)

**Marking:**

- Manufacturer's Mark and Voltage
- XX 16
- HF 14 — Part Identification
- □ □ □ — Lot Identification (can be on back)



**TABLE I. DIMENSIONS:**

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	23.5	--	28.6	9.4	10.9	7.6	--	--	3.6	1.4
in*:	--	(0.93)	--	(1.13)	(0.37)	(0.43)	(0.3)	--	--	(0.14)	(0.06)

\*Rounded off approximation

**TABLE II. PERFORMANCE RATINGS:**

I HOLD RATED CURRENT	CURRENT RATINGS		TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED POWER DISSIPATION
	AMPS AT 25°C HOLD	AMPS AT 25°C HOLD   TRIP	SECONDS AT 25°C, 70A MAX	OHMS AT 25°C MIN   MAX		OHMS AT 25°C MAX	WATTS AT 25°C 16V TYP
14.0	14.0	27.0	13.0	0.003	0.006	0.009	6.9

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      Pb-Free

Directive 2002/95/EC  
Compliant

Directive 2000/53/EC  
Compliant

