

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF1100

DOCUMENT: SCD26364

REV LETTER: E

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating

Voltage: 16V_{DC} MAX Current: 100A MAX

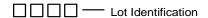
Insulating Material:

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

Lead Material:

20 AWG Tin Plated Copper (0.8 mm [0.032] nom. diameter)

Marking:



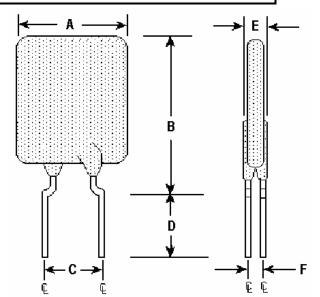


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		21.0		26.1	9.4	10.9	7.6			3	1.2
in*:		(0.83)		(1.03)	(0.37)	(0.43)	(0.3)			(0.12)	(0.05)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED	ATED RATINGS		TIME TO TRIP	INITIAL RESISTANCE			NOMINAL TRIPPED POWER
CURRENT	URRENT			VALUES		RESISTANCE STANDARD TRIP	DISSIPATION
AMPS AT 25°C	AMPS AT 25°C		SECONDS AT 25°C, 55A	OHMS AT 25°C		OHMS AT 25°C	WATTS AT 25°C 16V
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	TYP
11.0	11.0	20.0	11.0	0.0055	0.009	0.013	5.5

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 Halogen Free*

Directive 2002/95/EC Compliant

Revised July 26, 2016

Directive 2000/53/EC Compliant





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Specifications are subject to change without notice.

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



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