

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHEF1300

DOCUMENT: SCD25210

REV LETTER: F

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating

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

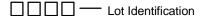
Insulating Material:

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

Lead Material:

18 AWG Tin Plated Copper

Marking:



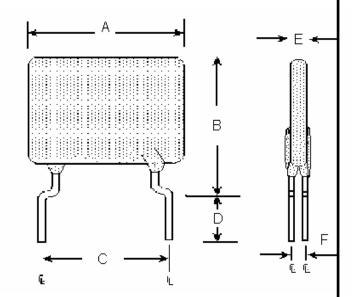


TABLE I. DIMENSIONS:

	Α		В		С		D		Е		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:		23.5		28.7	9.4	10.9	7.6			3.6	1.4
in*:		(0.925)		(1.13)	(0.37)	(0.43)	(0.30)			(0.14)	(0.06)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD	CUR	RENT	TIME TO	INITIAL		ONE-HOUR	NOMINAL
RATED	RATED RATINGS		TRIP	RESISTANCE		POST-TRIP	TRIPPED
CURRENT	CURRENT			VALUES		RESISTANCE	POWER
						STANDARD TRIP	DISSIPATION
AMPS AMPS		S AT	SECONDS AT	OHMS		OHMS	WATTS AT
AT 25°C	T 25°C 25°C		25°C, 65A	AT 25°C		AT 25°C	25°C 16V
HOLD	HOLD	TRIP	MAX	MIN	MAX	MAX	TYP
13.0	13.0	24.0	13.0	0.0041	0.0069	0.010	6.9

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.

Revised July 26, 2016

Materials Information

ROHS Compliant ELV Compliant Pb-Free Halogen Free*

Directive 2002/95/EC Compliant 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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