Tyco/ Electronics
Raychem Circuit Protection
308 Constitution Drive
Menlo Park, CA 94025-1164
Phone: 800-227-4856
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PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RHE400

DOCUMENT: SCD 24794
PCN: F70630
REV LETTER: D
REV DATE: OCTOBER 8, 2001
PAGE NO.: 1 OF 1

Specification Status: RELEASED

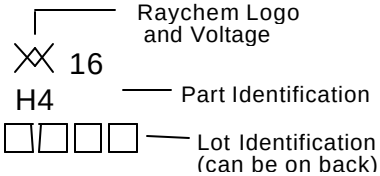
Electrical Rating

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

INSULATING MATERIAL:
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

LEAD MATERIAL:
24 AWG Tin/Lead plated Copper Clad Steel
(0.5 mm [0.020] nom. diameter)

PART MARKING:



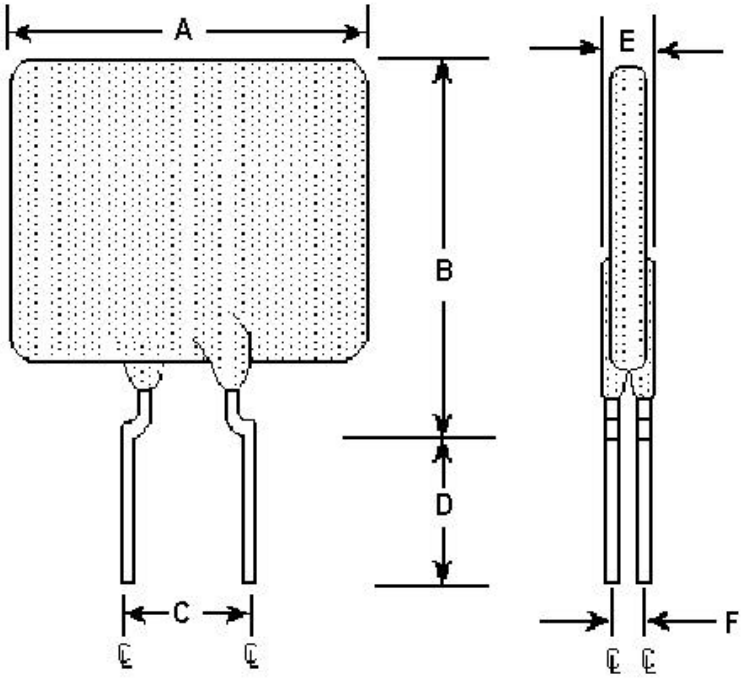


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	11.4	--	18.0	4.3	5.8	7.6	--	--	3.0	1.2
in*:	--	(0.45)	--	(0.71)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	(0.05)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	CURRENT TRIP LIMITS						TIME TO TRIP	RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	TRIPPED-STATE POWER DISSIPATION
AMPS 25°C HOLD	AMPS AT 0°C		AMPS AT 25°C		AMPS AT 60°C		SECONDS AT 25°C, 20A	OHMS AT 25°C		SECONDS AT 25°C	WATTS AT 25°C 16V
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MAX	MIN	MAX	MAX	TYP
4.0	----	----	4.0	7.0	----	----	8.0	0.018	0.029	0.044	2.0

Recognitions:	UL, TUV, CSA recognized.
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.

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