

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:

Raychem Logo
and Voltage
X 16
H4 Part Identification
Lot Identification
(can be on back)

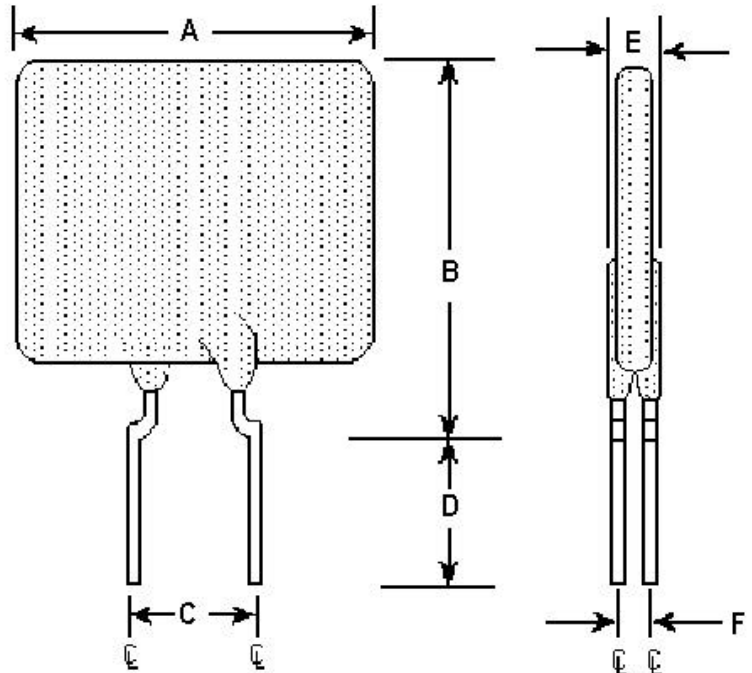


TABLE I. DIMENSIONS:

	A		B		C		D		E		F
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	TYP
mm:	--	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 HOLD	AMPS AT 25°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	AMPS AT 60°C HOLD	AMPS AT 60°C TRIP	SECONDS AT 25°C, 20A MAX	OHMS AT 25°C		SECONDS AT 25°C MAX	WATTS AT 25°C 16V TYP
								MIN	MAX		
4.0	----	----	4.0	7.0	----	----	8.0	0.018	0.029	0.044	2.0

Recognitions:

Reference Documents:

Precedence:

Effectivity:

CAUTION:

UL, TUV, CSA recognized.

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.

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