

Tyco/Electronics**Raychem Circuit Protection**

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PolySwitch®
PTC Devices
Overcurrent Protection Device

PRODUCT: RXE025S

DOCUMENT: SCD 23915
PCN: 737253
REV LETTER: D
REV DATE: AUGUST 20, 2001
PAGE NO.: 1 OF 1

Specification Status: RELEASED**Electrical Rating****Voltage: 72V MAX****Current: 40A MAX****Insulating Material:**

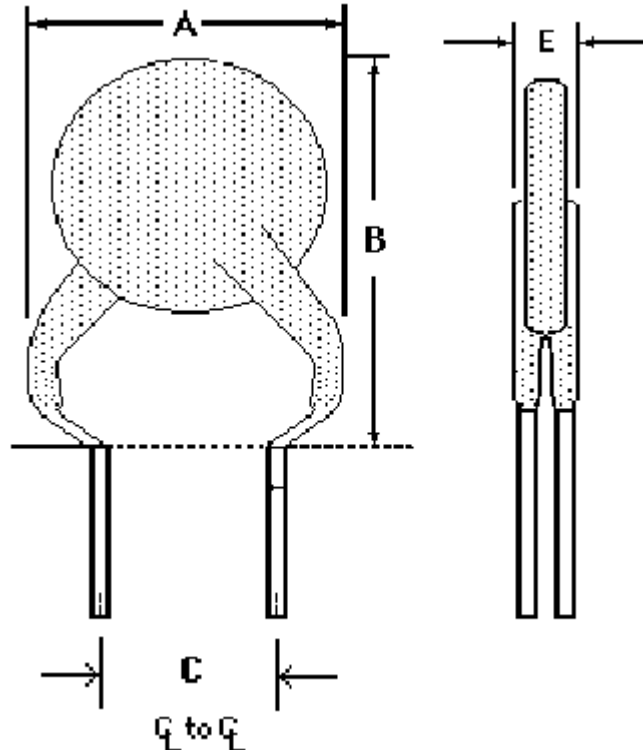
Cured, Flame Retarded Epoxy Polymer
meets UL94 V-0 Requirements

Lead Material:

24 AWG Tin Lead Plated Copper Clad Steel

Marking:

— Raychem Logo
and Voltage
X 72
X 025 — 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:	--	8.9	--	11.2	4.3	5.8	7.6	--	--	3.0	--
in*:	--	(0.35)	--	(0.44)	(0.17)	(0.23)	(0.30)	--	--	(0.12)	--

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I _H RATED CURRENT	CURRENT RATINGS						TIME TO TRIP	INITIAL RESISTANCE VALUES		ONE-HOUR POST-TRIP RESISTANCE STANDARD TRIP	NOMINAL TRIPPED-STATE POWER DISSIPATION
	AMPERES AT 0°C		AMPERES AT 20°C		AMPERES AT 60°C			OHMS AT 20°C			
	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP		MIN	MAX		
AMPERES 20°C	AMPERES AT 0°C	AMPERES AT 20°C	AMPERES AT 60°C	SECONDS AT 20°C, 1.25A MAX	OHMS AT 20°C	OHMS AT 20°C	WATTS AT 20°C				
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MAX	NOMINAL	
.25	.30	.60	.25	.50	.16	.32	2.5	1.25	1.95	3.00	.45

Recognitions:

UL, CSA and TUV approved.

Reference Documents:

Approved by UL as a current limiting impedance, per the 1996 NEC, Tables 11 (c) and 11 (b).
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.