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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

Raychem Circuit Protection Products

PRODUCT: RXEF010

DOCUMENT: SCD 25213

PCN: A14391 REV LETTER: D

REV DATE: AUGUST 15, 2007

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## **Specification Status: Released**

Electrical Rating
Voltage: 60V MAX
Current: 40A MAX

Insulating Material:

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

Lead Material:

 $\times$  60

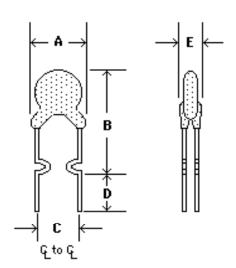
24 AWG Tin Plated Nickel Copper Alloy

Marking:

Manufacturer's Mark and Voltage

XF010 — Part Identification

Lot Identification (can be on back)



#### **TABLE I. DIMENSIONS:**

	А		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		7.4		11.6	4.3	5.8	7.6			3.0
in*:		(0.29)		(0.46)	(0.17)	(0.23)	(0.30)			(0.12)

<sup>\*</sup>Rounded off approximation

#### **TABLE II. PERFORMANCE RATINGS:**

I HOLD	I HOLD CURRENT		INITIAL		TIME TO TRIP	ONE HOUR	TRIPPED-
RATED	RATED RATINGS		RESISTANCE			POST-TRIP	STATE
CURRENT		VALUES			RESISTANCE	POWER	
						STANDARD	DISSIPATION
						TRIP	
AMPERES	AMPERES		OHMS		SECONDS AT	OHMS	WATTS
AT 20°C	AT 20°C		AT 20°C		20°C, 0.5A	AT 20°C	AT 20°C
HOLD	HOLD	TRIP	MIN	MAX	MAX	MAX	NOMINAL
0.10	0.10	0.20	2.50	4.50	4.0	7.5	0.38

Agency Recognitions: UL, CSA, TUV

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

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

Directive 2002/95/EC Compliant Directive 2000/53/EC Compliant



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