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# PolySwitch® PTC Devices

**Overcurrent Protection Device** 

PRODUCT: VTP240F

DOCUMENT: SCD25937

PCN: A89572 REV LETTER: C

REV DATE: MAY 9, 2011 PAGE NO.: 1 OF 1

## **Specification Status: Released**

Maximum Electrical Rating
Operating Voltage: 16Vdc
Interrupt Current: 100A

Chip Size: 5 X 15mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Solder: Lead-free

Tape: Polyester (White)

17 mm nominal width

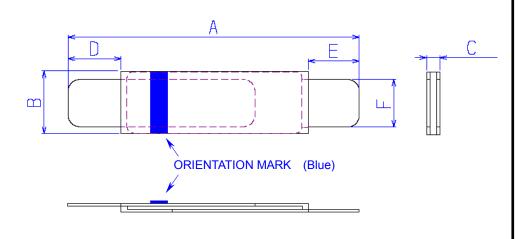
Lot Marking Ink Color (Green)

Marking:

Manufacturer's Mark

XX V24 —— Part Identification

\_\_\_\_ \_\_\_ Lot Identification



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

	Α		В		С			)	Е		F	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:	23.8	26.2	4.9	5.3		8.0	3.5	5.7	3.5	5.7	3.9	4.1
in*:	(0.94)	(1.03)	(0.19)	(0.21)		(0.03)	(0.14)	(0.22)	(0.14)	(0.22)	(0.15)	(0.16)

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

TABLE II. PERFORMANCE RATINGS: As measured in Muller Kelvin Clips Model BU-75K.

I HOLD	CURRENT TRIP LIMITS									TO	REFERENCE		ONE-HOUR		TRIPPED-
										ΙP	RESISTANCE		POST-TRIP		STATE
													RESISTANCE		POWER
												İ		DISSIPATION	
AMPS	AMPS		AMI	AMPS AMPS		1PS	AMPS		SECONDS AT		OHMS		OHMS		WATTS AT
25°C	AT 0°C		AT 2	5°C	AT 60°C		AT°C		25°C, 12.0A		AT 25°C		AT 25°C		25°C,16V
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	MIN	MAX	MIN	MAX	MIN	MAX	MAX
2.4	3.1	7.9	2.4	5.9	1.2	3.2				5	0.014	0.026	0.014	0.052	1.7

Agency Recognitions: UL, TUV, CSA

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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