

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: RUSBF160

DOCUMENT: SCD25247

REV LETTER: F

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating Voltage: 16V_{DC} MAX Current: 40A MAX Insulating Material:

Cured, Flame Retardant Epoxy Polymer

meets UL 94 V-O Requirements

Lead Material:

24 AWG Tin Plated Copper Clad Steel

Marking:

Manufacturer's Mark

XX R160 and Part Identification



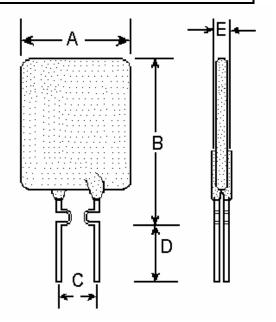


TABLE I. DIMENSIONS:

	Α		В		С		D		E	
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
mm:		8.9		15.2	4.3	5.8	7.6	-		3.0
in*:		(0.35)		(0.60)	(0.17)	(0.23)	(0.30)		-	(0.12)

^{*}Rounded off approximation

TABLE II. PERFORMANCE RATINGS:

I HOLD RATED CURRENT	RATED RATINGS		INITIAL RESISTANCE VALUES			ONE HOUR POST-TRIP RESISTANCE STANDARD TRIP	TIME TO TRIP @ 8A	TRIPPED- STATE POWER DISSIPATI ON					
AMPERS	AMPERES		OHMS			OHMS	SECONDS	WATTS					
AT 20°C	AT 20°C		AT 20°C			AT 20°C	AT 20°C	AT 20°C					
HOLD	HOLD	TRIP	MIN	TYP	MAX	MAX							
1.60	1.60	3.20	0.03	0.05	0.061	0.11	9	0.9					

Agency Recognitions: UL, CSA, TUV 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

Halogen Free*

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





^{*} Halogen Free refers to: Br≤900ppm, Cl≤900ppm,Br+Cl≤1500ppm.



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