

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: LR4-600F

DOCUMENT: SCD25851

REV LETTER: F

REV DATE: JULY 26, 2016

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Specification Status: Released

Electrical Rating
Voltage: 20V MAX
Current: 100A MAX
Chip Size: 14.1 x 14.1mm

Leads: Nickel 1/4H

0.125mm nominal

thickness

Tape: Polyester (White)

15.3mm nominal Width

Solder: Lead-free

Marking: (Color: Green)

— Manufacturer's Mark

E60 — Part Identification

Lot Identification

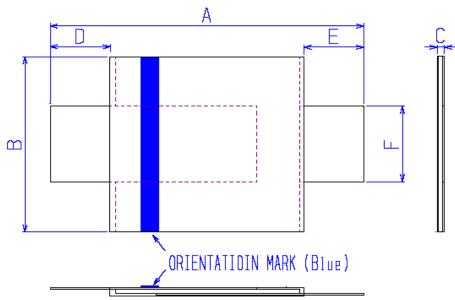


TABLE I. DIMENSIONS:

	Α		В		С		D		E		F	
	MIN	MAX										
mm:	24.0	26.0	13.9	14.5	0.6	1.0	4.1	5.5	4.1	5.5	5.9	6.1
in*:	(0.94)	(1.02)	(0.55)	(0.57)	(0.02)	(0.04)	(0.16)	(0.22)	(0.16)	(0.22)	(0.23)	(0.24)

*Rounded off approximation

TABLE II. PERFORMANCE RATINGS: As measured in Mueller Kelvin Clips model BU-75K.

I HOLD		CUR	RENT T	RIP LI	MITS		TIME	IME TO REFERENCE			ONE-HOUR		TRIPPED-	
					TR	ΙP	RESISTANCE		POST-TRIP		STATE			
										RESISTANCE		POWER		
												DISSIPATION		
AMPS	AMPS		AMPS		AMPS		SECONDS AT		OHMS		OHMS		WATTS AT	
20°C	AT 0°C		AT 20°C		AT 60°C		20°C,30.0A		AT 20°C		AT 20°C		20°C, 20V	
HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX
6.0	7.1	13.9	6.0	11.7	4.4	8.5		5.0	0.007	0.014	0.007	0.019		2.8

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.

MATERIALS INFORMATION:

ROHS Compliant ELV Compliant

Directive 2000/53/EC

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Directive 2002/95/EC Compliant

tive 2000/53/EC Compliant



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