

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: LR4-730F

DOCUMENT: SCD25975

REV LETTER: C

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Electrical Rating Voltage: 20V MAX Current: 100A MAX

Chip Size: 14x17.5mm

Leads: Nickel 1/4H

0.125mm nominal thickness

Tape: Polyester (White)

18.5mmWidth

Solder: Lead-free

Marking:

— Manufacturer's Mark

Lot Identification

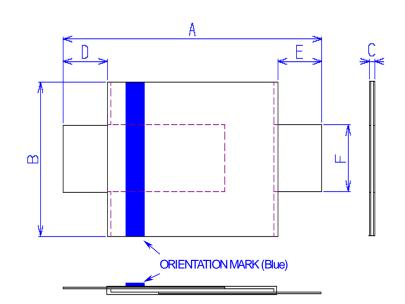


TABLE I. DIMENSIONS:

	Α		В		С		D		Е		F	
	MIN	MAX										
Mm:	27.1	29.1	13.9	14.5	0.6	1.0	4.1	5.5	4.1	5.5	5.9	6.1
In*:	(1.07)	(1.15)	(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	HOLD CURRENT TRIP LIMITS							TO	REFERENCE		ONE-HOUR		TRIPPED-		
									RIP.	RESISTANCE		POST-TRIP		STATE		
ı												RESISTANCE		POWER		
ı														DISSIPATION		
	AMPS	AMPS		AMPS		AMPS		SECON	ONDS AT OHMS		IMS	OHMS		WATTS AT		
ı	20°C	AT 0°C		AT 20°C AT		AT 6	AT 60°C		20°C,30.0A		AT 20°C		AT 20°C		20°C, 20V	
ı	HOLD	HOLD	TRIP	HOLD	TRIP	HOLD	TRIP	TYP	MAX	MIN	MAX	MIN	MAX	TYP	MAX	
ı	7.3	8.6	16.6	7.3	14.1	5.4	10.5		5	0.006	0.012	0.006	0.015		3.3	

Agency Recognition: UL, TUV, CSA Reference Document: 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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Materials Information

ROHS Compliant

Directive 2002/95/EC Compliant

ELV Compliant

Directive 2000/53/EC Compliant **Pb-Free**



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