

PolySwitch® PTC Devices

Overcurrent Protection Device

PRODUCT: TRF600-400

DOCUMENT: SCD26900

REV LETTER: J

REV DATE: JULY 26, 2016

PAGE NO.: 1 OF 2

Specification Status: Released

Maximum Operating Voltage: 60V_{DC}

Fault Ratings at 20°C:

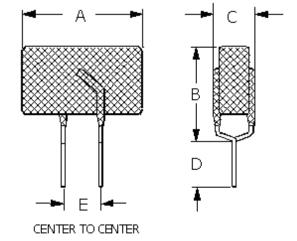
250V_{AC}, 3A, 10 applications 600V_{AC}, 60A, 1 application

Additional Info at 20°C:

- Resistance matched: N/A
- Lightning withstand: 6.0 kV per ITU-T K.20/K.21
- Helps equipment meet UL60950 (UL1459) and GR1089

Lead Material:

22 AWG Tin-Plated Copper (0.64 mm [0.025"] nominal diameter)





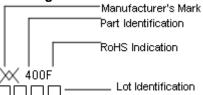


TABLE I. DIMENSIONS:

	Α		В		С		D		E
	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	NOM
mm:	-	14.8		13.1		4.6	6.0		5.0
in:*		(0.58)		(0.52)		(0.18)	(0.27)		(0.20)

^{*}Rounded off approximation.

TABLE II. PERFORMANCE RATINGS @ 20°C (as measured in Loranger sockets P/N 02901-032-6218A):

HOLD CURRENT	URRENT CURRENT		RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 3A		ATING ATURE	TRIPPED POWER DISSIPATION	
(A)	(A)	R MIN	R MAX	R _{1 MAX} *	TYP	MAX	(°C	C) MAX	(W) @ TYP	60V _{DC}
0.400	1.0	0.95	1.45	1.9	4.0	10.0	0	85	2.4	2.8

^{*}Maximum device resistance at 20°C measured 1 hour post trip.

TABLE III. APPLICABLE PART DESCRIPTIONS:

PART DESCRIPTION	PACKAGING TYPE	NOTES
TRF600-400	Bulk	N/A

Agency Recognitions: UL (File # E74889), CSA (File #78165), TUV Reference Documents: PS300, UL60950, ITU-T K.20/K.21, GR1089

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

Revised July 26, 2016

Directive 2000/53/EC Compliant



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