

**Specification Status: Released**

**Maximum Operating Voltage:** 60V<sub>DC</sub>

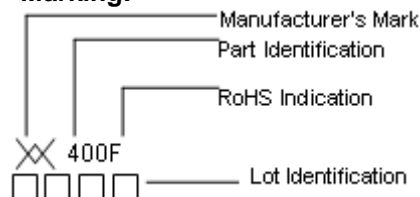
**Fault Ratings at 20°C:**  
 250V<sub>AC</sub>, 3A, 10 applications  
 600V<sub>AC</sub>, 60A, 1 application

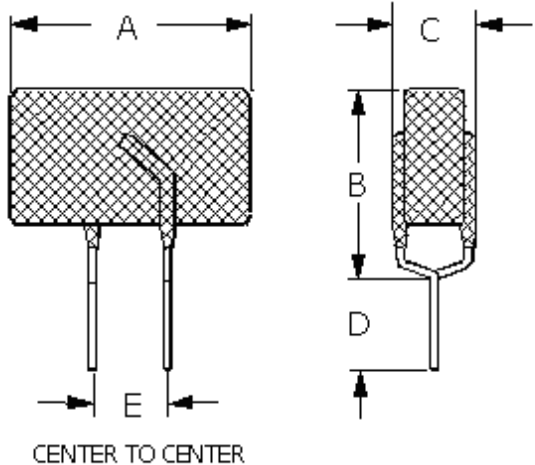
**Additional Info at 20°C:**

- 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)

**Marking:**





**TABLE I. DIMENSIONS:**

	A		B		C		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 (A)	TRIP CURRENT (A)	RESISTANCE (Ω)			TIME TO TRIP(Sec) @ 3A		OPERATING TEMPERATURE (°C)		TRIPPED POWER DISSIPATION (W) @ 60V <sub>DC</sub>	
		R MIN	R MAX	R <sub>1 MAX</sub> *	TYP	MAX	MIN	MAX	TYP	MAX
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**  




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