

## 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

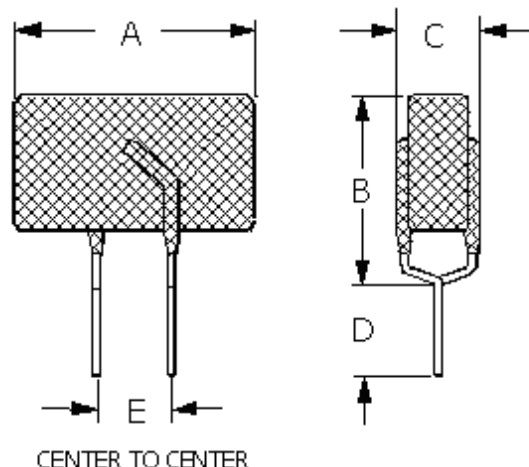
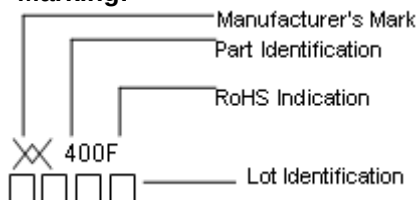
**Additional Info at 20°C:**

- 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</sub> MAX* | 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:  
Reference Documents:  
Precedence:  
Effectivity:  
CAUTION:

UL (File # E74889), CSA (File #78165), TUV  
PS300, UL60950, ITU-T K.20/K.21, GR1089  
This specification takes precedence over documents referenced herein.  
Reference documents shall be the issue in effect on the date of invitation for bid.  
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

Directive 2000/53/EC  
Compliant



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