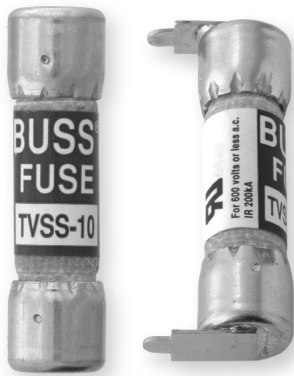


# Transient Voltage Surge Suppression Limiters TVSS



**Catalog Symbol:** TVSS

**Physical Size:** Refer to “Dimensional Data”

**Construction:**

- Melamine Tube
- Nickel Plated Brass End Caps

**Voltage Rating:** 600Vac

**Interrupting Rating:**

- 200,000A RMS Sym.

**Agency Approvals:**

- UL Recognized 600Vac, File E56412

**Catalog Symbol and Surge Ratings**

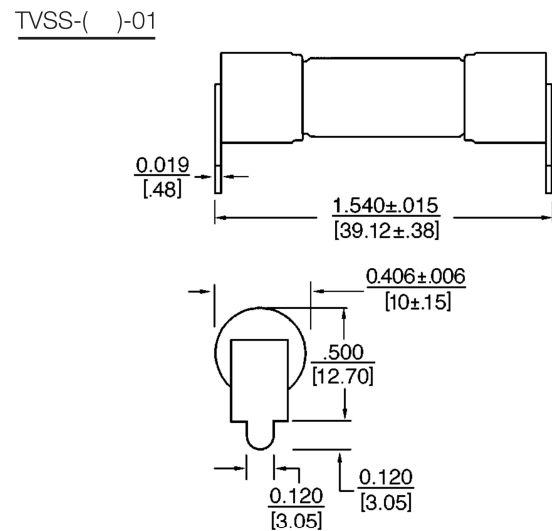
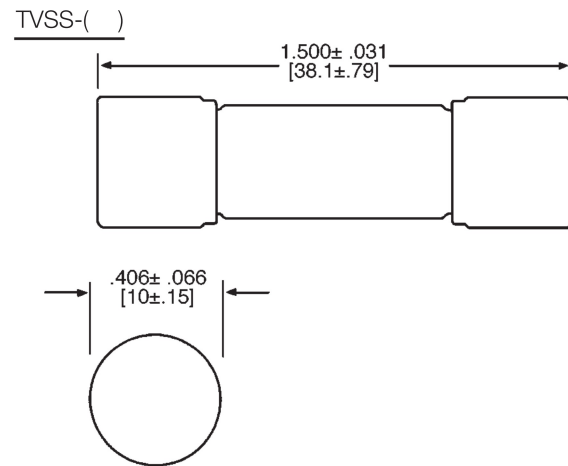
| CATALOG NUMBER | 8x20µS SURGE RATING | MELTING I <sup>2</sup> t (A <sup>2</sup> s) | CLEARING I <sup>2</sup> t (A <sup>2</sup> s) | I <sub>peak</sub> @ 100kA 60 Hz (A) |
|----------------|---------------------|---|--|-------------------------------------|
| TVSS-5         | 5,000A              | 559   | 1,650  | 4,283                               |
| TVSS-10        | 10,000A             | 1,788                                       | 5,766  | 6,618                               |
| TVSS-15        | 15,000A             | 3,760                                       | 9,730  | 7,843                               |
| TVSS-20        | 20,000A             | 6,020                                       | 14,000                                       | 8,594                               |

Above catalog numbers are available with Printed Circuit Board Tabs. When ordering, use suffix “-01”.

**General Information:**

- Designed to protect TVSS systems per UL 1449 Second Edition Requirements.
- Able to withstand 8x20 µSec surge pulses without opening.
- Limiters are identified by a surge rating and not continuous current rating.

**Dimensional Data**



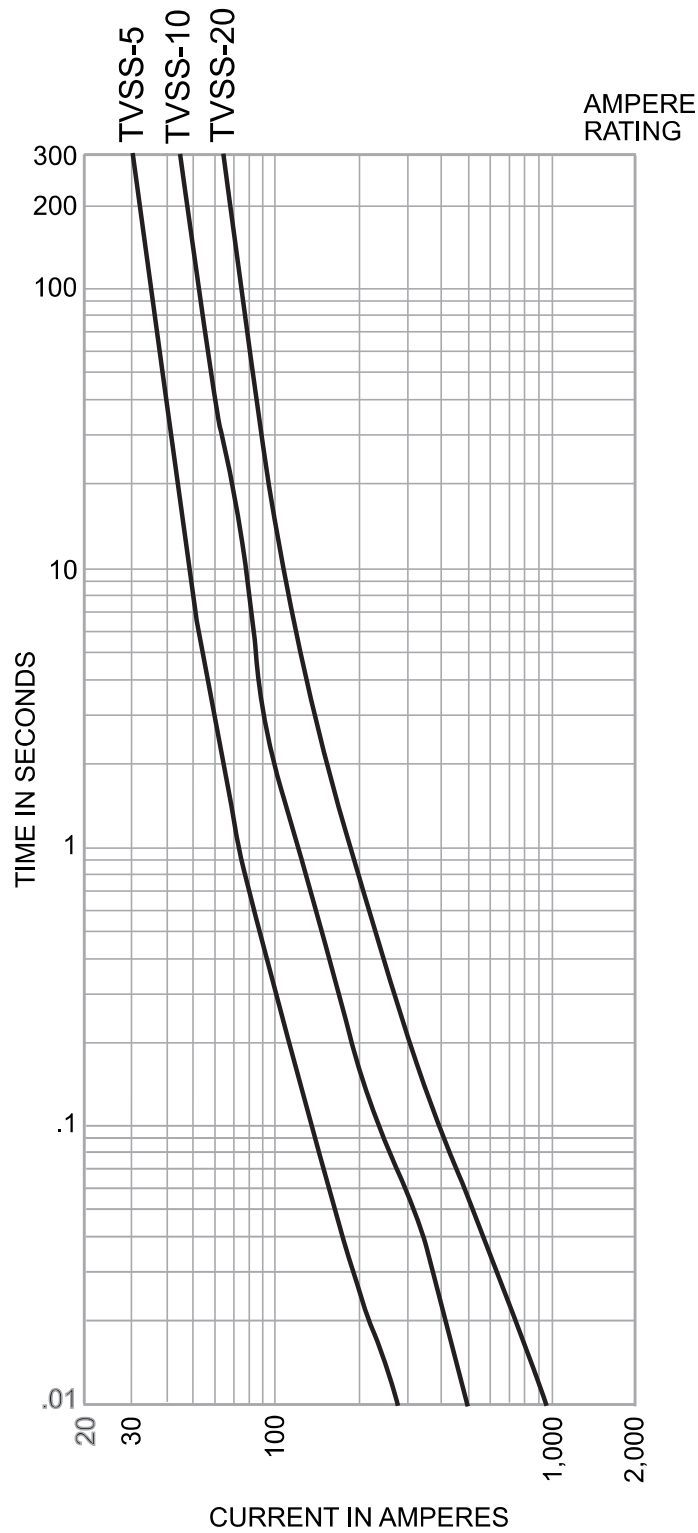
CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

**Recommended fuseblocks/fuseholders for 13/32" x 1-1/2" fuses**  
**See Data Sheets listed below**

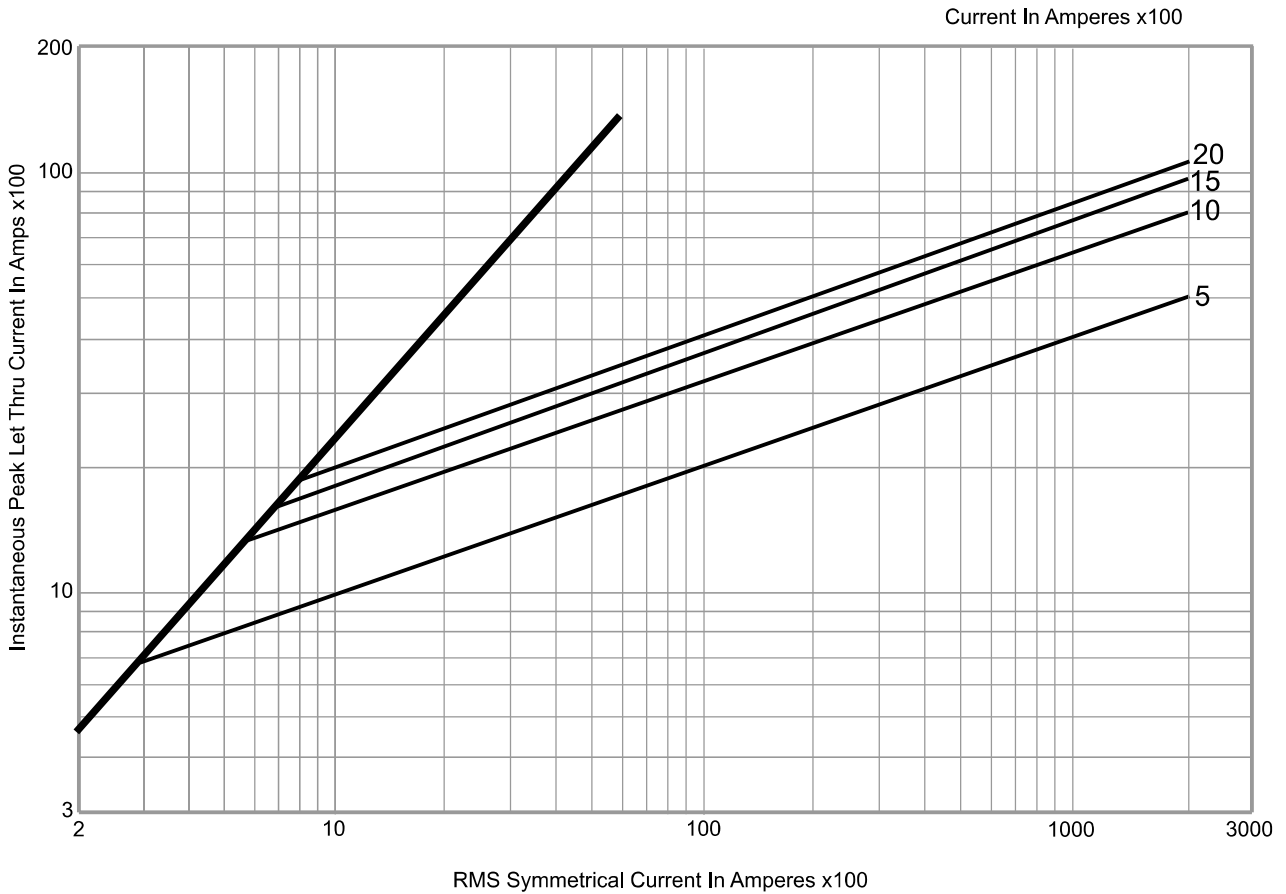
- Open fuseblocks - 1104, 2104
- Finger-safe fuseholders - 1109, 1102, 1103, 1151
- Panel-mount fuseholders - 2114, 2113, 2108,
- In-line fuseholders - 2127, 2126

# Transient Voltage Surge Suppressors TVSS

Time-Current Characteristic Curves—Average Melt



## Time-Current Characteristic Curves—Peak Let-Through



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