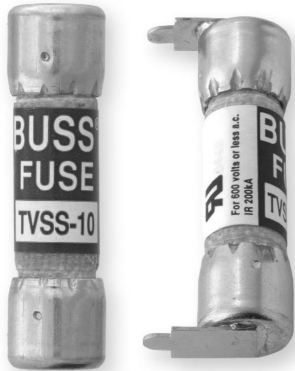


Transient Voltage Surge Suppression Limiters TVSS



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

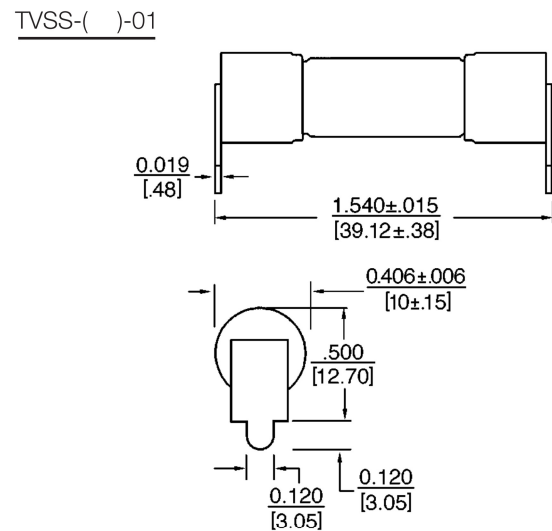
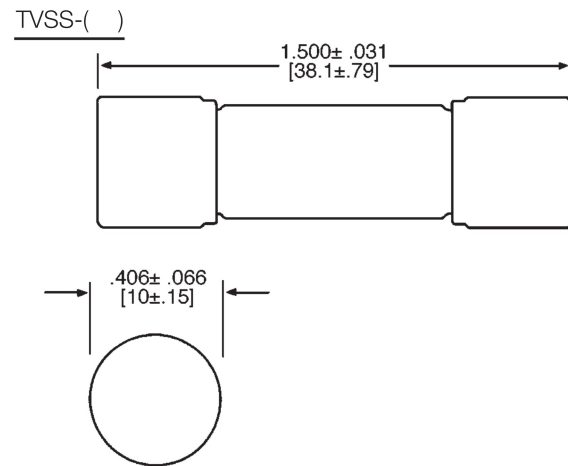
CATALOG NUMBER	8x20µS SURGE RATING	MELTING I ² t (A ² s)	CLEARING I ² t (A ² s)	I _{peak} @ 100kA 60 Hz (A)
TVSS-5	5,000A	559	1,650	4,283
TVSS-10	10,000A	1,788	5,766	6,618
TVSS-15	15,000A	3,760	9,730	7,843
TVSS-20	20,000A	6,020	14,000	8,594

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



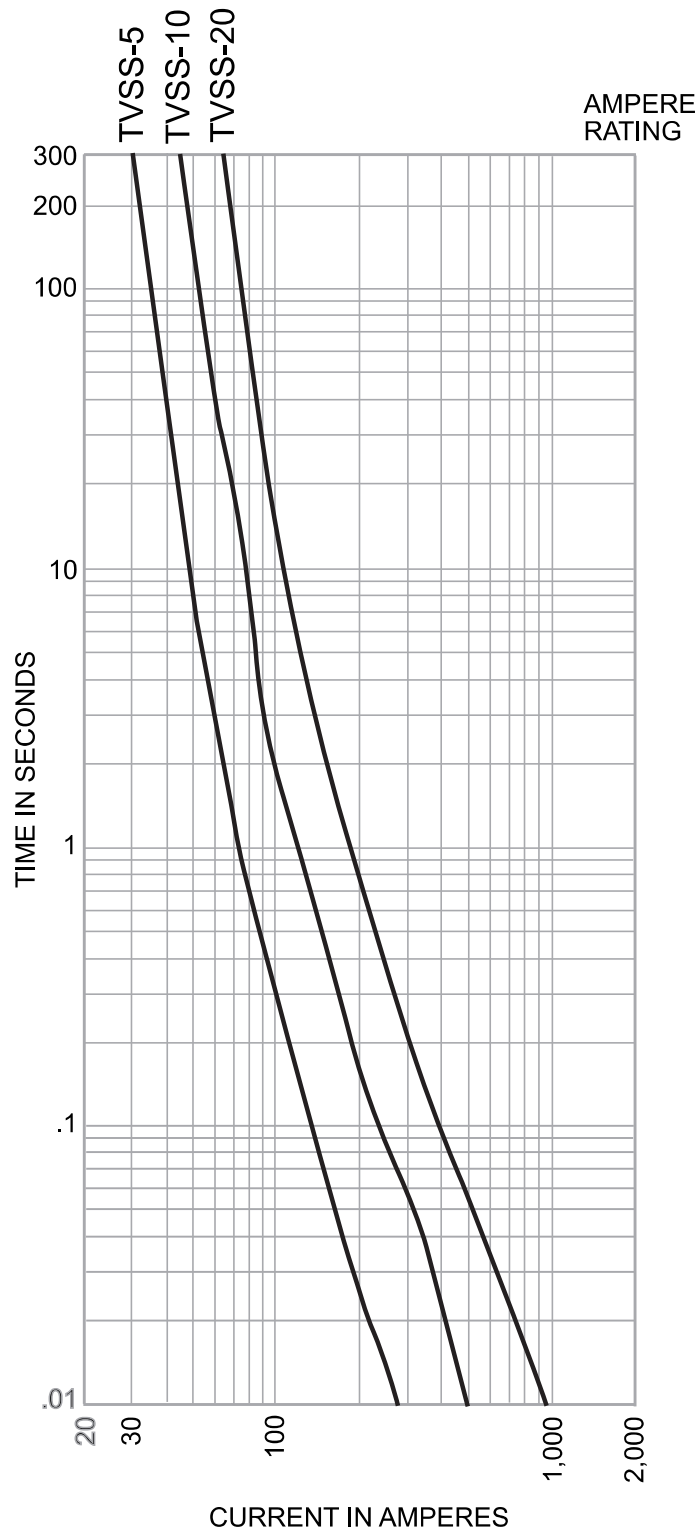
CE logo denotes compliance with European Union Low Voltage Directive (50-1000Vac, 75-1500Vdc). Refer to Data Sheet: 8002 or contact Bussmann Application Engineering at 636-527-1270 for more information.

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

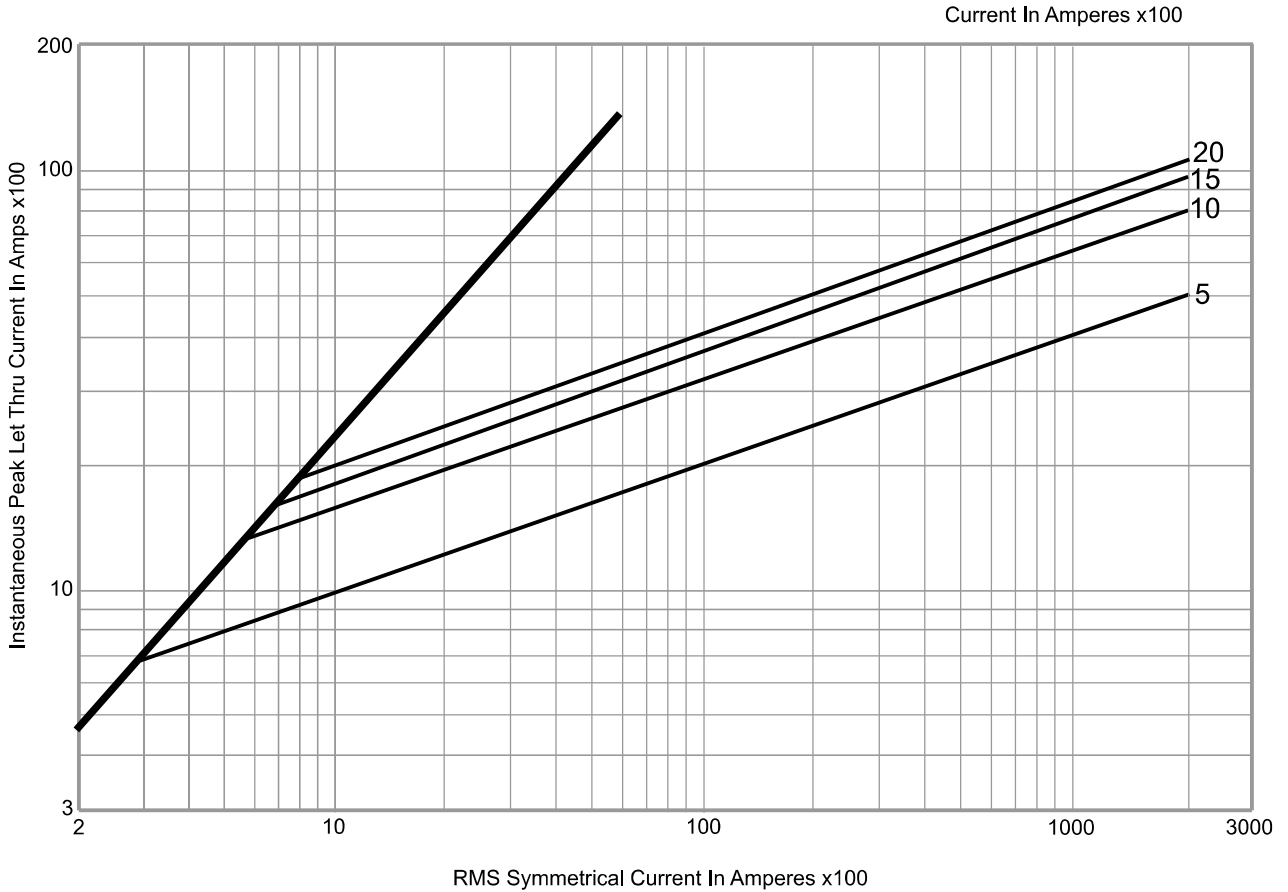
Transient Voltage Surge Suppressors TVSS

Time-Current Characteristic Curves—Average Melt



Transient Voltage Surge Suppressors TVSS

Time-Current Characteristic Curves—Peak Let-Through



The only controlled copy of this Data Sheet is the electronic read-only version located on the Bussmann Network Drive. All other copies of this document are by definition uncontrolled. This bulletin is intended to clearly present comprehensive product data and provide technical information that will help the end user with design applications. Bussmann reserves the right, without notice, to change design or construction of any products and to discontinue or limit distribution of any products. Bussmann also reserves the right to change or update, without notice, any technical information contained in this bulletin. Once a product has been selected, it should be tested by the user in all possible applications.