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

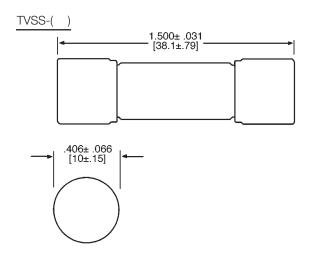
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CATALOG NUMBER	8x20µS SURGE RATING	MELTING I ² t (A ² s)	CLEARING I ² t (A ² s)	Ipeak @ 100kA 60 Hz (A)
TVSS-5	5,000A	559	1,650	4,283
TVSS-10	10,000A	1,788	5,766	6,618
TVSS-15	15,000A	3,760	9,730	7,843
TVSS-20	20,000A	6,020	14.000	8.594

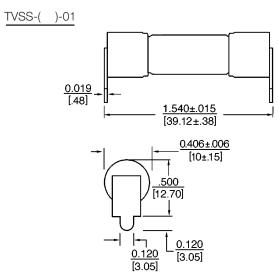
Above catalog numbers are available with Printed Circuit Board Tabs. When ordering, use suffix "-01".

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





C€ 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

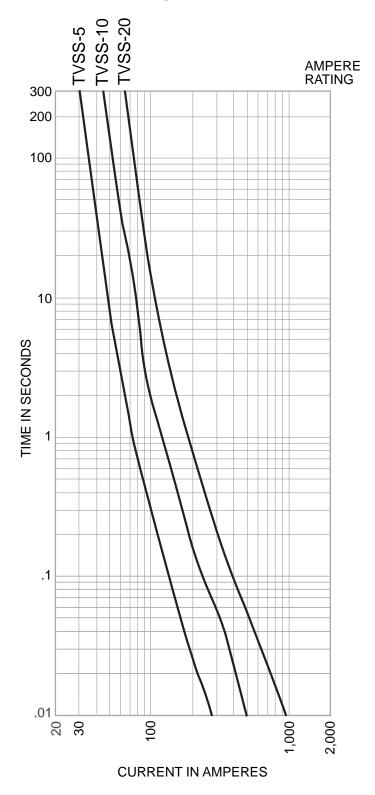


Form No. TVSS Page 1 of 3 Data Sheet: 2141

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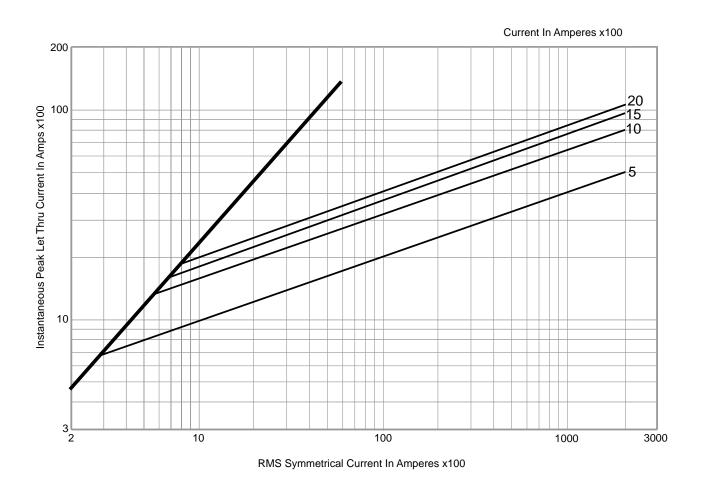
TVSS

Time-Current Characteristic Curves-Average Melt





Time-Current Characteristic Curves-Peak Let-Through



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