

- **Special Purpose Fuses**

SURGE SUPPRESSION FUSES

Fuses for TVSS products protection

New!



ETI

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Special Purpose Fuses

Fuses for TVSS products protection

SRF Series Surge Fuse

Through the past few years, the transient voltage surge suppression (TVSS) industry has grown to one of the fastest-growing segments among power protection products. Newness from ETI is series of fuses named SRF (Surge Rated Fuses), intended for the protection of TVSS products. The SRF Series has been designed to survive 8/20 μ s lightning surge pulses without operating, allowing the TVSS system to react to the surge. All surge fuses have 8/20 μ s ratings, not a continuous current rating.

These fuses are intended to be installed in series with the TVSS devices and do not normally carry current, except for the periodic random surges caused by TVSS breakdown during normal operation. Under AC short circuit conditions these SRF surge suppression fuses have extremely high capability for current limitation.

Features / Benefits

- Rated voltage 600V a.c.,
- Breaking capacity 200 kA,
- Available in Surge Ratings from 10 kA to 40 kA (8/20 μ s),
- Designed to meet UL1449 Second Edition requirements,
- Comply with the applicable requirements in UL 248-1 Low Voltage Fuses – Part 1, General Requirements.

Approvals

Recognized under the components program of Underwriters Laboratories for Special Purpose Fuses, File number UL E310767.



Technical data						
Type	Code No.	8x20 μ sec Surge rating [A]	Size	Melting I ² t [A ² s]	Total I ² t [A ² s]	I _{PEAK} at 130 kA
SRF10	002636004	10.000	14x51	2.360	10.370	8.320
SRF20	002636005	20.000		5.490	17.700	10.430
SRF30	002636006	30.000		16.750	39.880	13.540
SRF40	002636007	40.000		33.680	72.800	17.480