

# STF

## Three Phase + Neutral Filters for Solar Technology Applications

### General Specifications

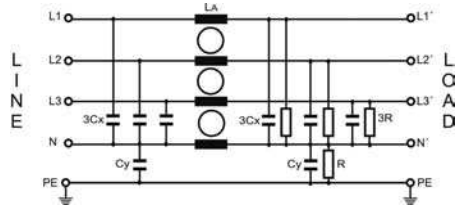
- Maximum operating voltage: 520 Vac
- Operating frequency: DC - 60Hz
- Hipot test voltage:  
L/N→PE: 3000 Vdc 2s  
L→N: 2250 Vdc 2s
- Application class: HMF Acc. TO DIN 40040  
(-25°C/+100°C/95% RH, 30d)
- Flammability class: UL 94 V2



### Three Phase + Neutral Filters

Single stage  
Solar technology applications  
Compact model for saving space  
Low leakage current

### Electrical schematic



### Product List

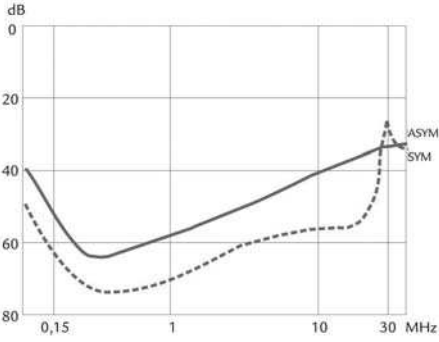
Type	Rated Current (A) @ 50 °c	Leakage Current (mA)	Power Losses (W)	Connection	Weight (Kg)	Housing
STF-008HV	8	<1	2,7	Terminal block 4 mm <sup>2</sup> / AWG 10	0,8	50
STF-016HV	16	<1	6	Terminal block 4 mm <sup>2</sup> / AWG 10	0,8	50
STF-025HV	25	<1	11,6	Terminal block 10 mm <sup>2</sup> / AWG 6	1,3	51
STF-036HV	36	<1	14,8	Terminal block 10 mm <sup>2</sup> / AWG 6	1,6	51
STF-064HV	64	<1	18,4	Terminal block 25 mm <sup>2</sup> / AWG 2	2,7	52
STF-080HV	80	<1	18,9	Terminal block 50 mm <sup>2</sup> / AWG 0	4,1	53
STF-120HV	120	<1	28,5	Terminal block 50 mm <sup>2</sup> / AWG 0	5,9	54
STF-160HV	160	<1	30,7	Terminal block 95 mm <sup>2</sup> / AWG 000	7,9	55
STF-200HV	200	<1	46,8	Terminal block 95 mm <sup>2</sup> / AWG 000	8,5	55

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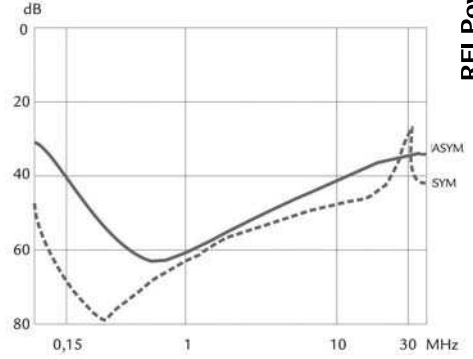
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Insertion Loss ——— ASYM  
 - - - - SYM

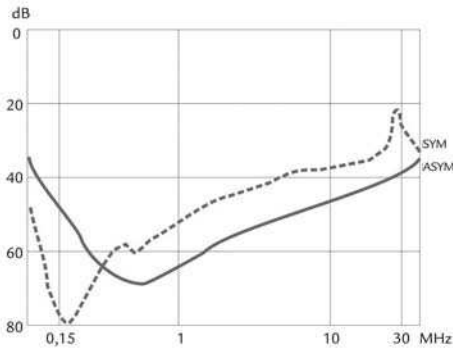
8/36A



64/80



120A



160/200A

