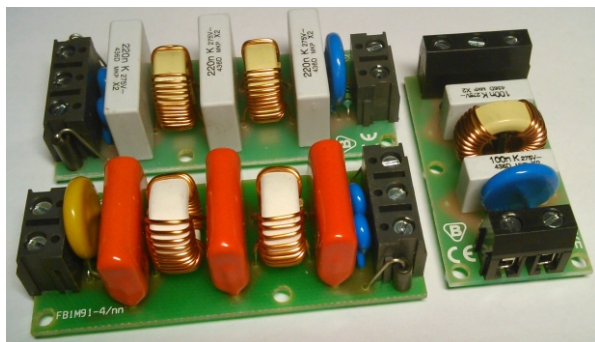




# Power Line Filters FB1S & FB1M Series with Overvoltage Protection Element



## Features:

- Space saving, compact design.
- Excellent attenuation for high voltage impulse.
- Excellent filtering characteristics for both normal mode (Symmetrical) and common mode (Asymmetrical).
- Bidirectional structure effective for noise generated externally and internally.

## Applications:

- Digital equipment.
- Mini-computers and peripherals.
- Measuring instruments and medical instruments.
- Equipment requiring very high impulse attenuation and very high noise attenuation (FB1M).
- Suitable for factory automation equipment.
- Industrial equipment such as UPS, inverters and converters.
- Communication equipment.
- Office automation equipment, such as copy machines, FAX, etc.

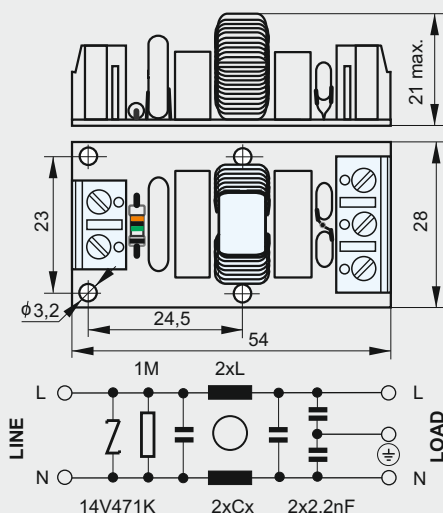
## Technical data:

- Nominal current at 40°C: According to specifications.
- Leakage current: 0,7 mA/250V max.
- Discharge time: 0,7 s max.
- Ambient temperature: -40°C to +85°C.

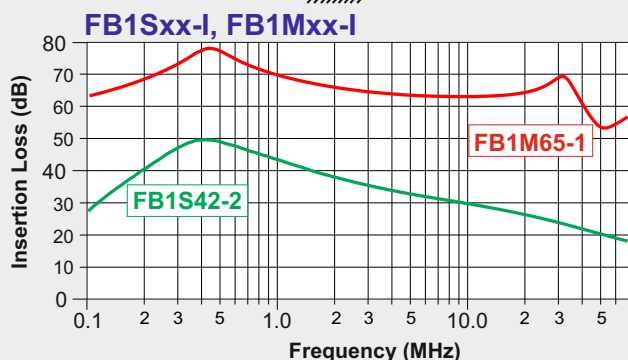
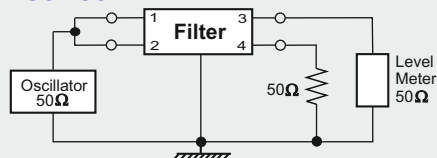
## Specifications

Model	U (V)	I (A)	Cx(nF)	L(mH)
FB1S(M)47-0	250V AC	0,5	100	8
FB1S(M)67-0			220	
FB1S(M)77-0			330	
FB1S(M)87-0			470	
FB1S(M)97-0			680	
FB1S(M)45-1	250V AC	1	100	4
FB1S(M)65-1			220	
FB1S(M)75-1			330	
FB1S(M)85-1			470	
FB1S(M)95-1			680	
FB1S(M)42-2	250V AC	2	100	2
FB1S(M)62-2			220	
FB1S(M)72-2			330	
FB1S(M)82-2			470	
FB1S(M)92-2			680	
FB1S(M)41-5	250V AC	5	100	0,7
FB1S(M)61-5			220	
FB1S(M)71-5			330	
FB1S(M)81-5			470	
FB1S(M)91-5			680	
FB1S(M)91-4/n	250V DC	4	2200	1

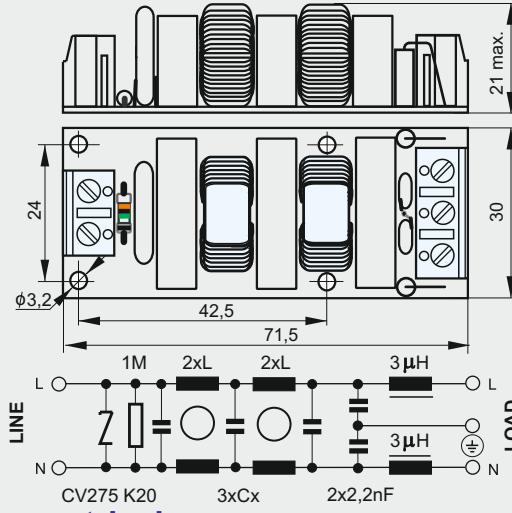
## FB1Sxx-I (Single Circuit)



## Asymmetrical



## FB1Mxx-I (Multisection Circuit)



## Symmetrical

