

## AC Filter 2-Stage



## Approvals and Compliances

### Description

- Line-filter in standard version
- 2 positions
- high attenuation

### Characteristics

- Designed for increased requirements
- Protection against interference voltage from the mains
- Possible interferences generated in the equipment are strongly attenuated
- 2-stage line filter with increased attenuation
- For standard and industrial applications
- Suitable for use in equipment according to IEC/UL 60950

### References

Alternative: Standard version

### Weblinks

[pdf datasheet](#), [html-datasheet](#), [General Product Information](#), [Distributor-Stock-Check](#), [Detailed request for product](#), [Microsite](#)

### Technical Data

Ratings IEC	2 - 6A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	2 - 6A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	standard < 0.5mA (250V / 60Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temperature	-25 °C to 100 °C
Climatic Category	25/100/21 acc. to IEC 60068-1
Protection Class	Suitable for appliances with protection class I acc. to IEC 61140
Terminal	Quick connect terminals 6.3 x 0.8 mm
Material: Housing	Aluminum

Line Filter	Standard Version, IEC 60939, UL 1283, CSA C22.2 no. 8 <a href="#">Technical Details</a>
MTBF	> 200'000h acc. to MIL-HB-217 F

## Approvals and Compliances

Detailed information on product approvals, code requirements, usage instructions and detailed test conditions can be looked up in [Details about Approvals](#)

### Approvals

The approval mark is used by the testing authorities to certify compliance with the safety requirements placed on electronic products.

Approval Reference Type: FMW

Approval Logo	Certificates	Certification Body	Description
 10	<a href="#">VDE Approvals</a>	VDE	Certificate Number: 40004673
 US	<a href="#">UL Approvals</a>	UL	UL File Number: E72928

**Product standards**

Product standards that are referenced

Organization	Design	Standard	Description
 IEC	Designed according to	IEC 60320-1	Appliance couplers for household and similar general purposes
 IEC	Designed according to	IEC 60939	Passive filters for suppressing electromagnetic interference
 UL	Designed according to	UL 498	Standard for Attachment Plugs and Receptacles
 UL	Designed according to	UL 1283	Electromagnetic interference filters
 CSA Group	Designed according to	CSA C22.2 no. 42	General Use Receptacles, Attachment Plugs, and Similar Wiring Devices
 CSA Group	Designed according to	CSA C22.2 no. 8	Electromagnetic interference (EMI) filters

**Application standards**

Application standards where the product can be used

Organization	Design	Standard	Description
 IEC	Designed for applications acc.	IEC/UL 60950	IEC 60950-1 includes the basic requirements for the safety of information technology equipment.

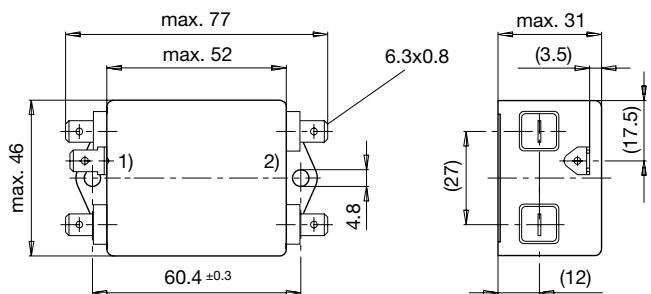
**Compliances**

The product complies with following Guide Lines

Identification	Details	Initiator	Description
 CE	CE declaration of conformity	SCHURTER AG	The CE marking declares that the product complies with the applicable requirements laid down in the harmonisation of Community legislation on its affixing in accordance with EU Regulation 765/2008.
 RoHS	RoHS	SCHURTER AG	EU Directive RoHS 2011/65/EU
 e	China RoHS	SCHURTER AG	The law SJ / T 11363-2006 (China RoHS) has been in force since 1 March 2007. It is similar to the EU directive RoHS.
 REACH	REACH	SCHURTER AG	On 1 June 2007, Regulation (EC) No 1907/2006 on the Registration, Evaluation, Authorization and Restriction of Chemicals 1 (abbreviated as "REACH") entered into force.

**Dimension [mm]**

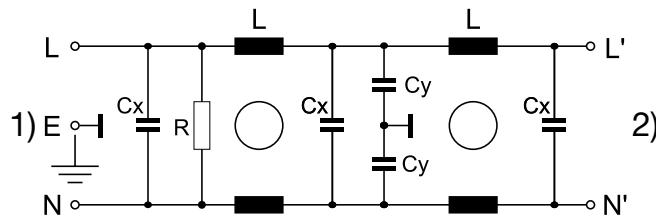
Case 09



1) Line  
2) Load

## Diagrams

Standard version



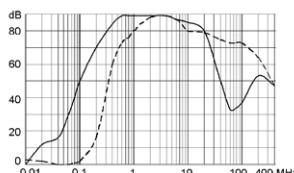
1) Line  
 2) Load

## Attenuation Loss

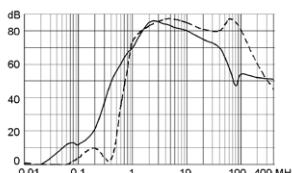
Standard version

- - - 50Ω differential mode  50Ω common mode

2 A



6 A



## All Variants

Rated Current [A]	Filter-Type	L [mH]	Cx (X2) [nF]	Cy (Y2) [nF]	R [MΩ]	Weight [g]	Housings	Order Number
2	Standard Version	2 x 3	100	4.7	0.5	140 g	09	5500.2043
6	Standard Version	2 x 0.8	100	2.2	0.5	140 g	09	5500.2044

█ Most Popular.

Availability for all products can be searched real-time: <https://www.schurter.com/en/Stock-Check/Stock-Check-SCHURTER>

Packaging unit 10 Pcs