

AC Filter



Description

- Line-filter in standard version
- 1-stage
- standard attenuation

Approvals

- VDE Certificate Number: 40004673
- UL File Number: E72928

Characteristics

- Designed for high current applications
- Compact design
- Protection against interference voltage from the mains
- Possible interferences generated in the equipment are strongly attenuated
- 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](#), [Approvals](#), [CE declaration of conformity](#), [RoHS](#), [CHINA-RoHS](#), [REACH](#), [Distributor-Stock-Check](#), [Detailed request for product](#)

Technical Data

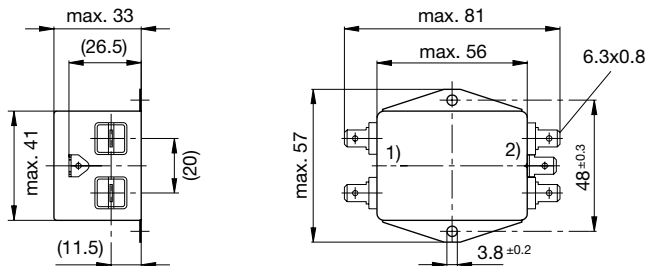
Ratings IEC	10 - 20A @ Ta 40 °C / 250VAC; 50Hz
Ratings UL/CSA	10 - 20A @ Ta 40 °C / 125VAC; 60Hz
Leakage Current	industrial < 2.1 mA (250V / 60Hz)
Dielectric Strength	> 1.7kVDC between L-N > 2.7kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temperature	-25 °C to 100 °C
Climatic Category	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 and Industrial Version, IEC 60939, UL 1283, CSA C22.2 no. 8 Technical Details
MTBF	> 200'000h acc. to MIL-HB-217 F

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

Dimension

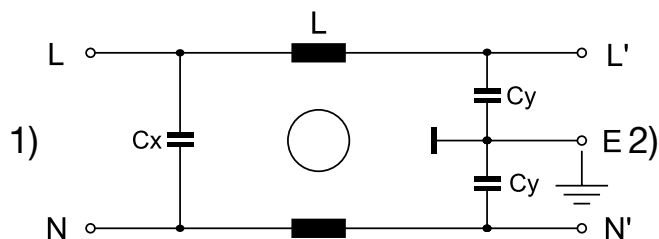
Case 10



- 1) Line
- 2) Load

Diagrams

Standard version



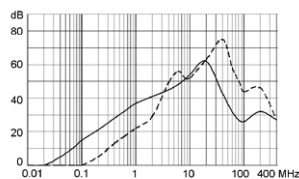
- 1) Line
- 2) Load

Attenuation Loss

Standard version

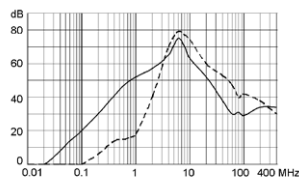
--- 50Ω differential mode ____ 50Ω common mode

10 A

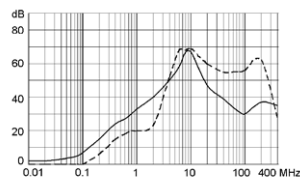


Industrial version

10 A



20 A



All Variants

Rated Current [A]	Filter-Type	Leakage Current [mA]	L [mH]	Cx (X2) [nF]	Cy (Y2) [nF]	Weight [g]	Housings	Order Number
10	Standard Version	0.25	2 x 1	68	2.2	160 g	10	5500.2045
10	Industrial Version	2.1	2 x 1	68	22	140 g	10	5500.2046
20	Industrial Version	2.1	2 x 0.15	68	22	140 g	10	5500.2047

■ Most Popular.

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

Packaging unit 10 Pcs