

AC Filter



Description

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

Approvals

- Approval Reference Type: FMW
- 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](#), [Microsite](#)

Technical Data

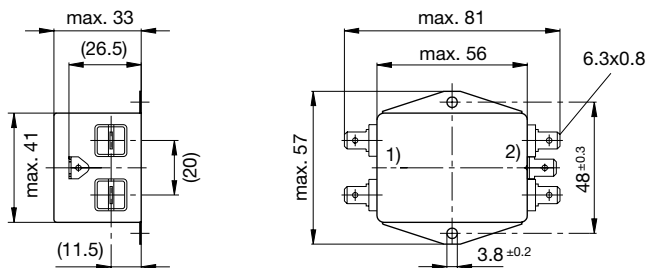
| | |
|---------------------------------|---|
| Ratings IEC | 10 - 20A @ Ta 40 °C / 250VAC; 50Hz |
| Ratings UL/CSA | 10 - 20A @ Ta 40 °C / 125VAC; 60Hz |
| Leakage Current | industrial < 2.1 mA (250V / 60Hz) |
| Dielectric Strength | > 1.7kVDC between L-N > 2.7kVDC between L/N-PE Test voltage (2 sec) |
| 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

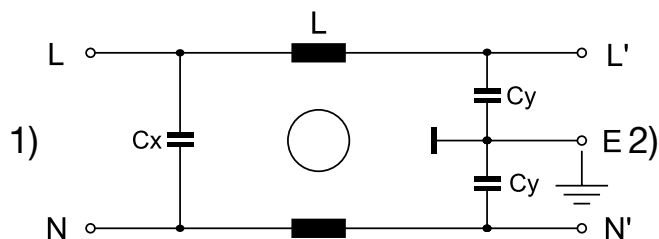
Case 10



- 1) Line
- 2) Load

Diagrams

Standard version



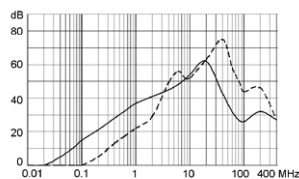
- 1) Line
- 2) Load

Attenuation Loss

Standard version

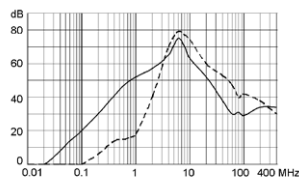
--- 50Ω differential mode ____ 50Ω common mode

10 A

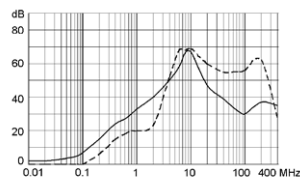


Industrial version

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