

AC Filter Cost Optimized

Standard- or Medical-Filter



Description

- Chassis: Screw-on, from top
- Line filter in standard and medical version, 1-stage, standard attenuation
- Quick connect terminals 6.3 x 0.8 mm
- Especially effective against symmetrical interferences in the frequency range from 10kHz up to 30MHz

Approvals

- VDE License Number: 40004673
- UL License Number: E72928

Characteristics

- Designed for universal industrial applications
- High attenuation at maximum resp. asymmetric load independent from the line impedance
Protection against interference voltage from the mains
Possible interferences generated in the equipment are strongly attenuated
- Especially designed for industrial applications such as: Frequency Converters, Stepper Motor Drives, UPS-Systems, Inverters
- Qualified for use in equipment according IEC/EN 60950

Other versions on request

- Version with wire connection

References

[General Product Information](#)

Weblinks

[Approvals](#), [RoHS](#), [CHINA-RoHS](#), [e-Store](#), [SCHURTER-Stock-Check](#), [Distributor-Stock-Check](#)

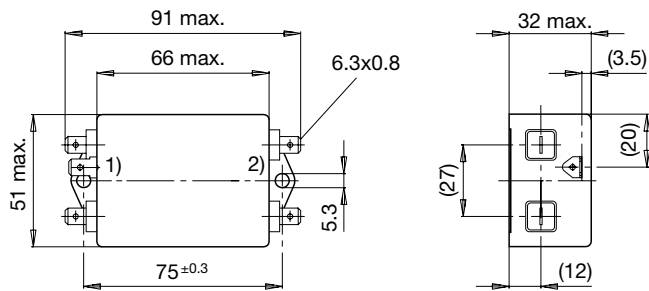
Technical Data

| | |
|---------------------------|---|
| Ratings IEC | 6 - 20A @ Ta 40 °C / 250 VAC; 50Hz |
| Ratings UL/CSA | 6 - 20A @ Ta 40 °C / 125 VAC; 60Hz |
| Leakage Current | standard < 0.35 mA (250V / 60Hz) |
| Dielectric Strength | > 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec) |
| Allowable Operation Temp. | -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 Medical Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details |
| MTBF | > 200'000h acc. to MIL-HB-217 F |

Dimensions

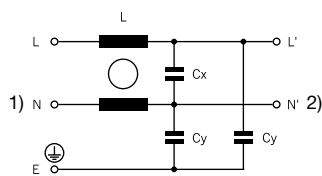
Case 49



- 1) Line
- 2) Load

Diagrams

Standard version

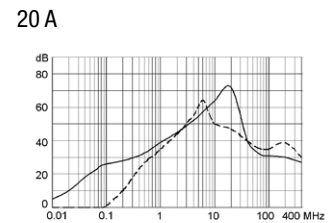
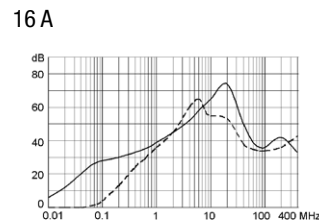
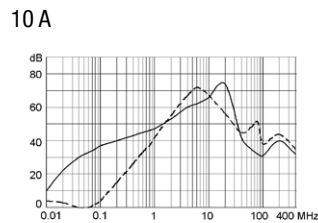
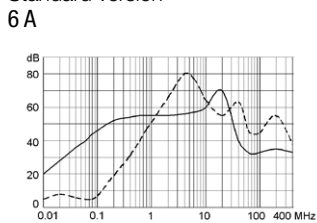


- 1) Line
- 2) Load

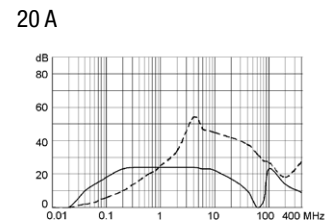
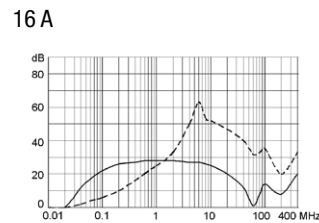
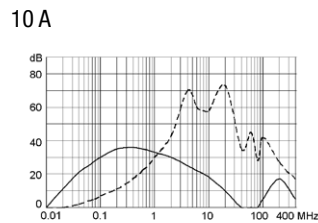
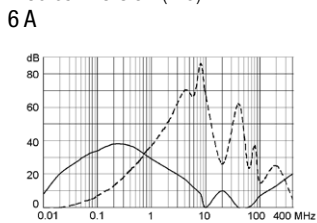
Attenuation Loss

--- differential mode ____ common mode

Standard version



Medical version (M5)



[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

Variants[Distributor-Stock-Check](#) | [SCHURTER-Stock-Check](#) | [e-Store](#)

| Rated Current [A] | Filter-Type | L [mH] | Cx (X2) [μF] | Cy (Y2) [nF] | Weight [g] | Case | Order Number |
|-------------------|----------------------|---------|--------------|--------------|------------|------|--------------|
| 6 | Standard Version | 2 x 14 | 0.1 | 3.3 | 212 | 49 | 5500.2035 |
| 10 | Standard Version | 2 x 5 | 0.1 | 3.3 | 212 | 49 | 5500.2036 |
| 16 | Standard Version | 2 x 2 | 0.1 | 3.3 | 208 | 49 | 5500.2037 |
| 20 | Standard Version | 2 x 1.5 | 0.1 | 3.3 | 218 | 49 | 5500.2038 |
| 6 | Medical Version (M5) | 2 x 14 | 0.1 | - | 212 | 49 | 5500.2082 |
| 10 | Medical Version (M5) | 2 x 5 | 0.1 | - | 212 | 49 | 5500.2083 |
| 16 | Medical Version (M5) | 2 x 2 | 0.1 | - | 208 | 49 | 5500.2084 |
| 20 | Medical Version (M5) | 2 x 1.5 | 0.1 | - | 218 | 49 | 5500.2085 |

Packaging unit 10 Pcs