AC Filter, Broad Band Attenuation



Description
- Chassis:
  Screw-on mounting, from top
- Line-filter in standard version, 1-stage, high attenuation
- Very high symmetrical and asymmetrical attenuation loss in the frequency range from 10kHz up to 30MHz

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

Characteristics
- Designed for high current applications
- High attenuation at maximum resp. asymmetric load independent from the line impedance
- Especially designed for industrial applications such as: Frequency Converters, Stepper Motor Drives, UPS-Systems, Inverters
- Qualified for use in equipment according IEC/EN 60950

References
General Product Information

Weblinks
Approvals, RoHS, CHINA-RoHS, Mating Connectors, e-Store, Distributor-Stock-Check, Accessories

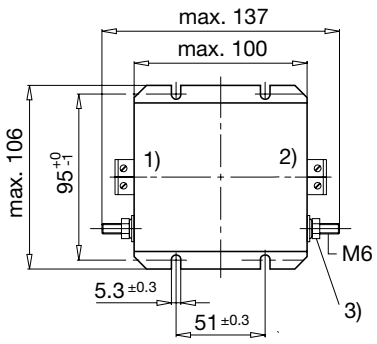
Technical Data

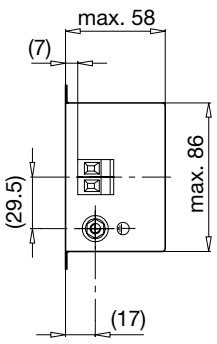
Ratings IEC	12 - 30 A @ Ta 40 °C / 250 VAC; 50 Hz
Ratings UL/CSA	12 - 30 A @ Ta 40 °C / 125 VAC; 60 Hz
Leakage Current	industrial < 5.2 mA (250 V / 60 Hz)
Dielectric Strength	> 1.7 kVDC between L-N > 2.7 kVDC between L/N-PE Test voltage (2 sec)
Allowable Operation Temp.	-25 °C to 100 °C
Climatic Category	25/100/21 acc. to IEC 60068-1
Protection Class	Suitable for appliances with protection class 1 acc. to IEC 61140
Terminal	Screw
Material: Housing	Metal

Line Filter	Industrial Version, IEC 60939, IEC 60601-1, UL 1283, UL 544, EN 133 200, CSA C22.2 no. 8 Technical details
MTBF	> 200'000 h acc. to MIL-HB-217 F

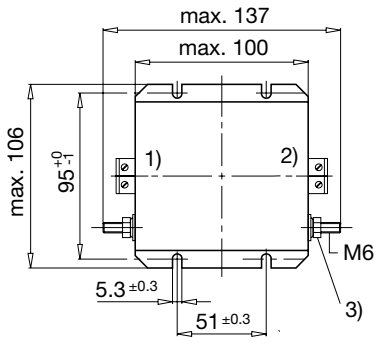
Dimensions

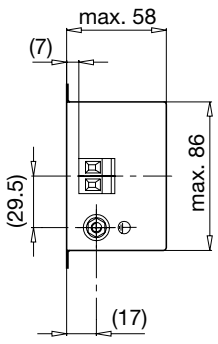
Case 24-2





Case 24-6

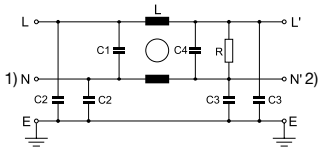




1) Line2) Load3) Nut torque 3...4 Nm.

Diagrams

Standard version



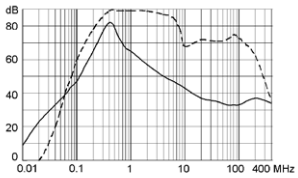
1) Line
2) Load

Attenuation Loss

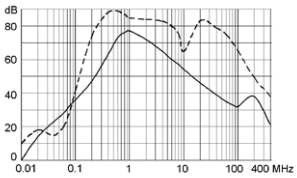
- - - - differential mode _____ common mode

Industrial Version

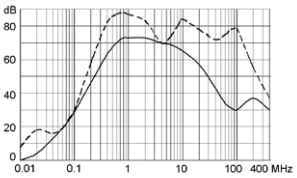
12 A



20 A



30 A



Variants

Rated Current [A]	Filter-Type	Leakage Current [mA]	L [mH]	C1 (X2)	C2 (Y2) [nF]	C3 (Y2)	C4 (X2)	R [MΩ]	Clamps [mm²]	Weight [g]	Housing	Order Number
12	Industrial Version	5.2	2 x 10	2.2	10	47	1	1	4	927	24-2	5500.2064
20	Industrial Version	5.2	2 x 3.5	2.2	10	47	1	1	4	930	24-2	5500.2065
30	Industrial Version	5.6	2 x 1.5	2.2	15	47	1	1	6	970	YB2	5500.2066

Packaging unit

2 Pcs

SCHURTER ELECTRONIC COMPONENTS

The specifications, descriptions and illustrations indicated in this document are based on current information. All content is subject to modifications and amendments.