

## **Excellent Integrated System Limited**

Stocking Distributor

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[5500.2045](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

**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](#)

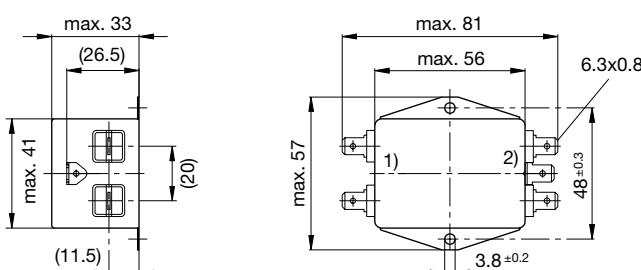
**Technical Data**

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

**Dimension**

Case 10

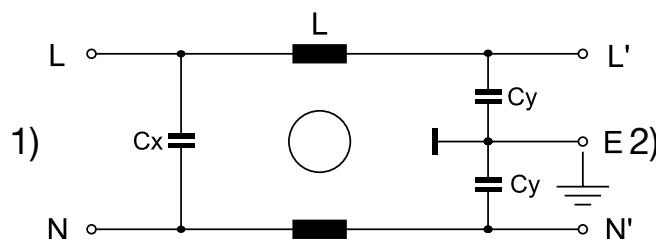


1) Line

2) Load

**Diagrams**

Standard version

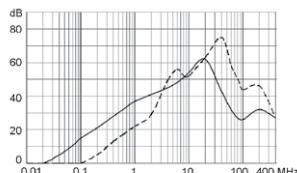


1) Line  
2) Load

**Attenuation Loss**

Standard version

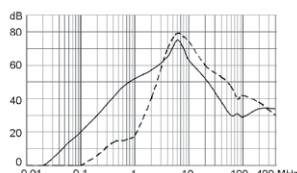
10 A



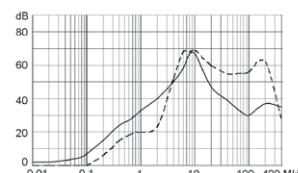
- - - 50Ω differential mode    50Ω common mode

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	160g	10	5500.2045
10	Industrial Version	2.1	2 x 1	68	22	140g	10	5500.2046
20	Industrial Version	2.1	2 x 0.15	68	22	140g	10	5500.2047

■ Most Popular.

Availability for all products can be searched real-time: <http://www.schurter.com/Stock-Check/Stock-Check-SCHURTER>**Packaging unit** 10 Pcs