


for Base Stations

Power line filters for base stations
Rated voltage 440/250 V~, 50/60 Hz
Rated current 20 A

Construction

- Four-line filter
- Metal case

Features

- Easy to install
- Space-saving design
- High insertion loss up to the GHz range
- Design complies with EN 133200, CSA 22.2 No. 8 1986
- UL 1283 approval 
- Optimized for use under high climatic stress

Applications

- Base stations
- Power supplies

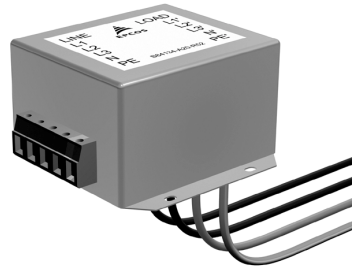
Terminals

- Line: Litz wires
- Load: Safe-to-touch terminal blocks

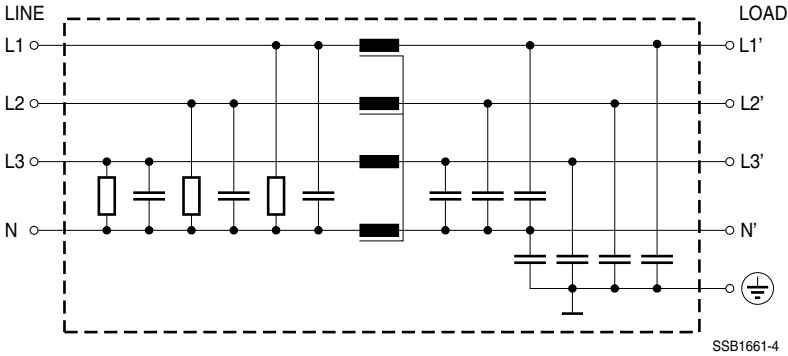
Marking

Marking on component:
Manufacturer's logo, ordering code,
rated current, rated voltage,
rated temperature, date code,
terminal assignment, safety approval

Minimum data on packaging:
Manufacturer's logo, ordering code



Circuit diagram



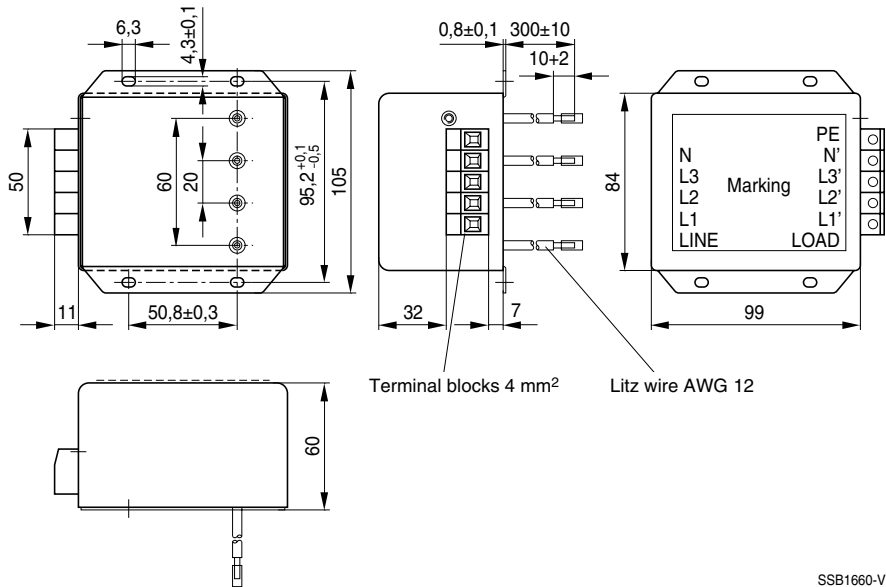
Technical data

Rated voltage V_R	440 V~/250 V~, 50/60 Hz
Rated current I_R	referred to 60 °C ambient temperature
Test voltage V_P	1700 V- , 2 s (line/line) 2700 V- , 2 s (lines/case)
Overload capability	1,5 · I_R for 3 min per hour or 2,5 · I_R für 30 s per hour
Leakage current I_{leak}	at 250 V~, 50 Hz
Climatic category	25/100/21 (- 25 °C/+100 °C/21 days damp heat test) in accordance with EN 60068-1

Characteristics and ordering codes

I_R	Terminal cross section mm ²	I_{leak} mA	R_{typ} mΩ	Approx. weight kg	Ordering code
A					
20	4	1,35	6,1	0,9	B84134-A20-R52

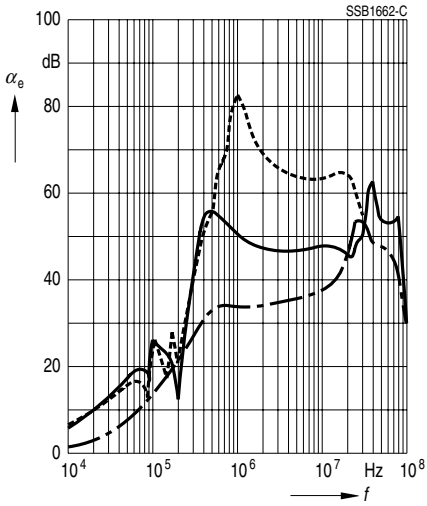
Dimensional drawing



SSB1660-V

Insertion loss (typical values at $Z = 50 \Omega$)

- unsymmetrical, adjacent branches terminated
- - - - - common mode, all branches in parallel (asymmetrical)
- - - - - differential mode (symmetrical)



Herausgegeben von EPCOS AG

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