



4-Line Filters

B84108

for Installations and Systems

Power line filters for three-phase systems
Rated voltage 440/250 V~, 50/60 Hz
Rated current 10 and 20 A

Construction

- Four-line filter
- Metal case

Features

- Medium insertion loss
- Small size (similar to SIFI)
- Easy to install

Applications

- Industrial electronics
- Medical engineering
- Elevators

Terminals

- Tab connectors 6,3 × 0,8 mm

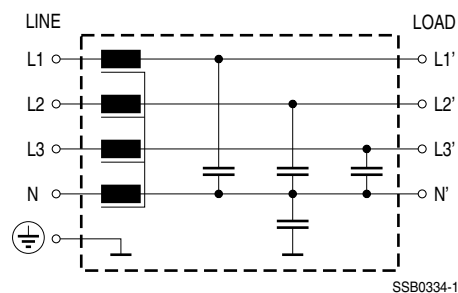
Marking

Marking on component:
 Manufacturer's logo, ordering code,
 rated voltage, rated current, date code

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



Circuit diagram





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Technical data

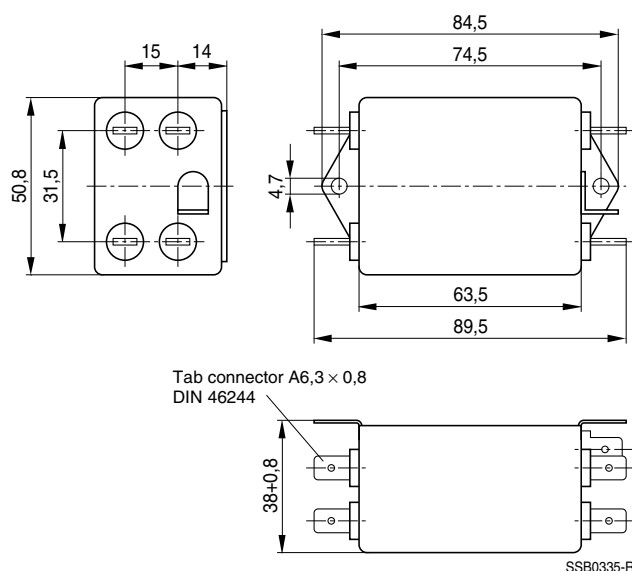
Rated voltage V_R	440/250 V~, 50/60 Hz
Rated current I_R	referred to 40 °C ambient temperature
Test voltage V_P	1414 V~, 2 s (line/line) 2700 –, 2 s (lines/case)
Leakage current I_{leak}	at 400 V~, 50 Hz
Climatic category	in accordance with EN 60068-1 25/085/21 (– 25 °C/+ 85 °C/21 days damp heat test)
Weight	approx. 220 g

Characteristics and ordering codes

I_R A	I_{leak} mA	Ordering code	Approvals
10	< 3,5	B84108-S1004-A110	×
20	< 3,5	B84108-S1004-A120	—

× = approval granted

Dimensional drawing





4-Line Filters

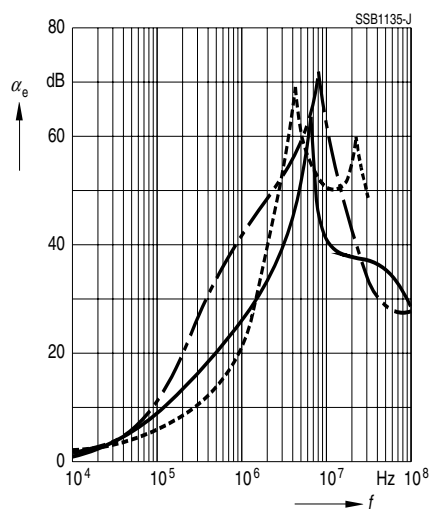
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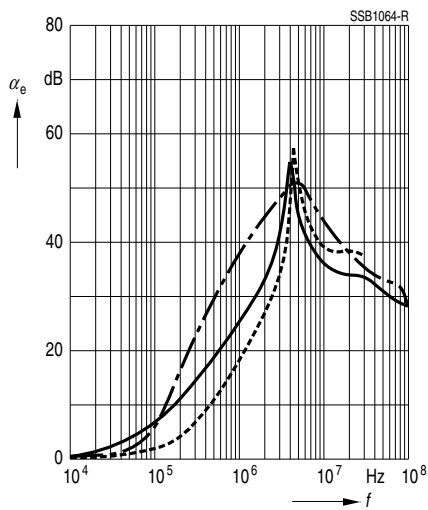
Insertion loss (typical values at $Z = 50 \Omega$)

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

B84108-S1004-A110



B84108-S1004-A120



Herausgegeben von EPCOS AG

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This brochure replaces the previous edition.

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