

Power line filters for three-phase systems
Rated voltage 440/250 V~, 50/60 Hz
Rated current 25 and 50 A

Construction

- Four-line filter
- Metal case with terminal compartments
- Screw-type cable fittings for strain relief on line and load side
- I core chokes
- One-stage or two-stage



Features

- Insertion loss ≥ 100 dB in the medium frequency range

Applications

- Power supplies for elevators and industrial installations
- Medical engineering

Terminals

- Screw terminals

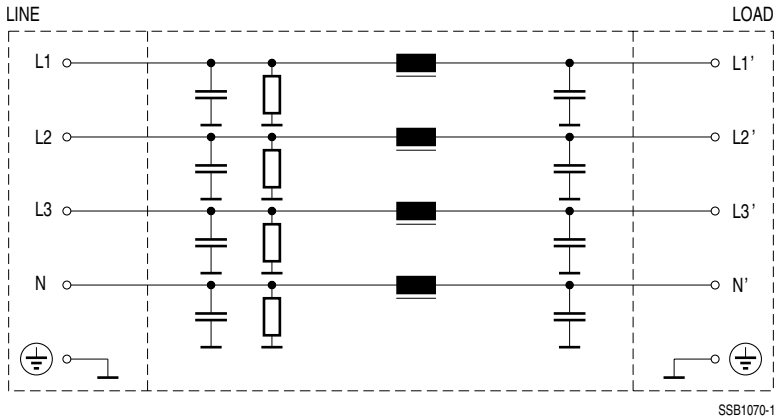
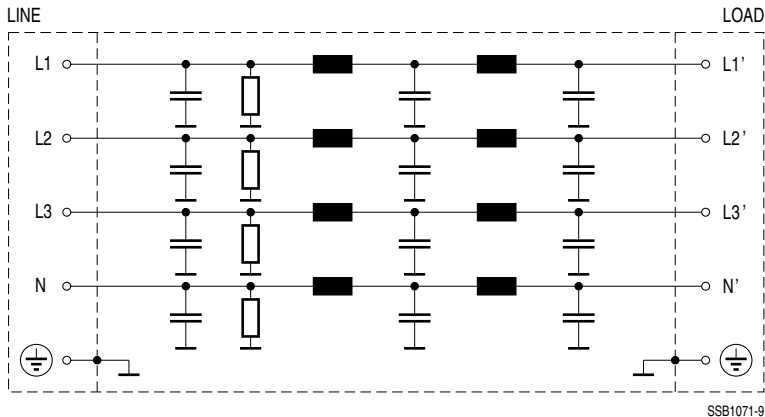
Marking

Marking on component:

Manufacturer's logo, ordering code, rated voltage, rated current, date code

Minimum marking on packaging:

Manufacturer's logo, ordering code


Circuit diagrams
B84134-A25-G1

B84134-B50-G1


4-Line Filters	B84134-A
for Installations and Systems	B84134-B

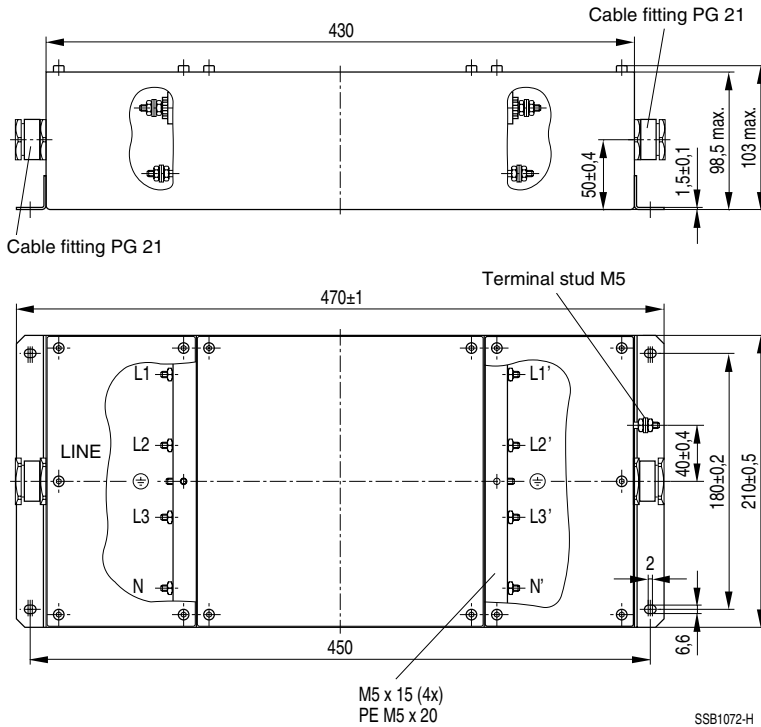
Technical data

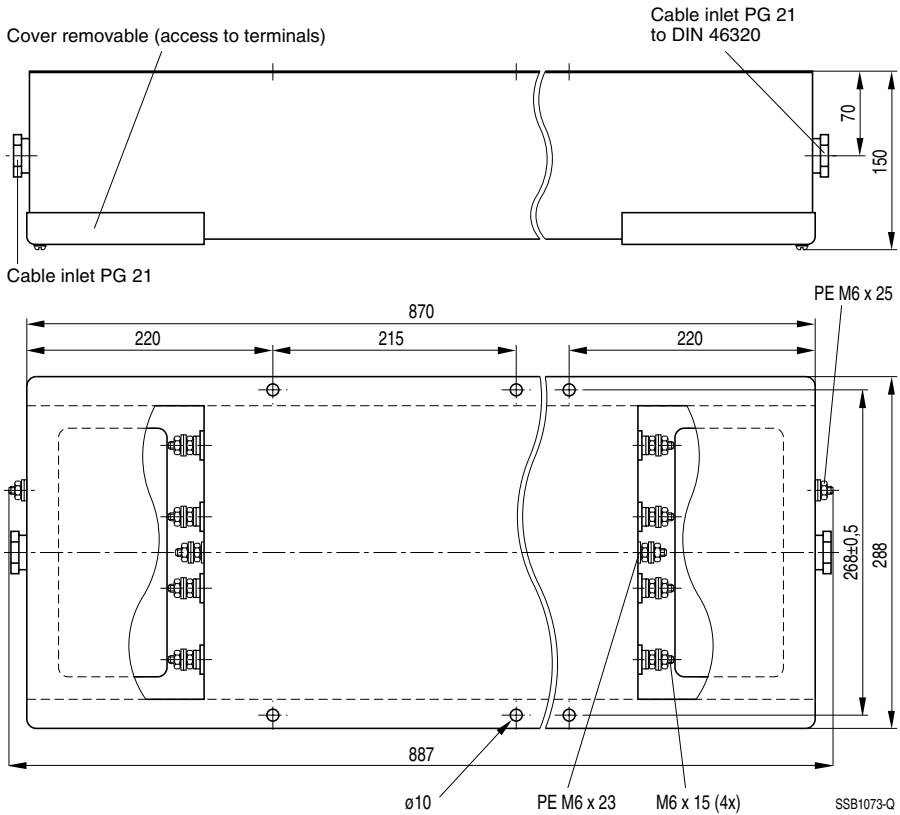
Rated voltage V_R	440/250 V~, 50/60 Hz
Rated current I_R	referred to 40 °C ambient temperature
Test voltage V_P	L/L = line/line L/G = lines/case
Leakage current I_{leak}	at 400 V~, 50 Hz
Climatic category	in accordance with EN 60068-1 25/085/21 (– 25 °C/+ 85 °C/21 days damp heat test)

Characteristics and ordering codes

I_R	V_P		I_{leak}	Approx. weight kg	Ordering code	Approvals
A	L/L	L/G	A			
25	1414 V–, 2 s	2500 V–, 2 s	< 0,18	12,5	B84134-A25-G1	×
50	1100 V–, 2 s	1100 V–, 2 s	< 1,7	30	B84134-B50-G1	—

× = approval granted

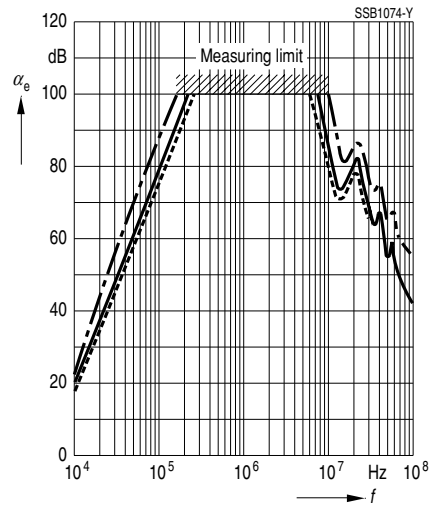
Dimensional drawings
B84134-A25-G1


B84134-B50-G1


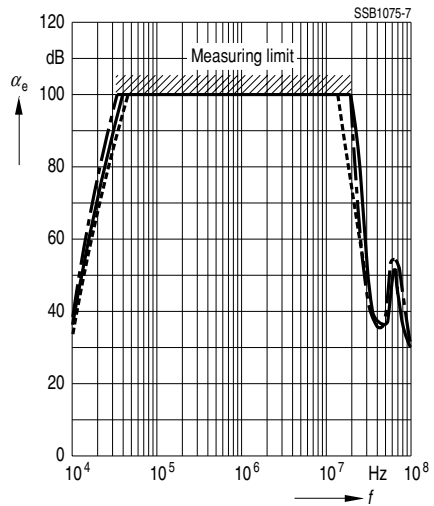
Insertion loss (typical values at $Z = 50 \Omega$)

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

B84134-A25-G1



B84134-B50-G1



Herausgegeben von EPCOS AG

Marketing Kommunikation, Postfach 80 17 09, 81617 München, DEUTSCHLAND

© EPCOS AG 2000. Alle Rechte vorbehalten. Vervielfältigung, Veröffentlichung, Verbreitung und Verwertung dieser Broschüre und ihres Inhalts ohne ausdrückliche Genehmigung der EPCOS AG nicht gestattet.

Mit den Angaben in dieser Broschüre werden die Bauelemente spezifiziert, keine Eigenschaften zugesichert. Bestellungen unterliegen den vom ZVEI empfohlenen Allgemeinen Lieferbedingungen für Erzeugnisse und Leistungen der Elektroindustrie, soweit nichts anderes vereinbart wird.

Diese Broschüre ersetzt die vorige Ausgabe.

Fragen über Technik, Preise und Liefermöglichkeiten richten Sie bitte an den Ihnen nächstgelegenen Vertrieb der EPCOS AG oder an unsere Vertriebsgesellschaften im Ausland.

Bauelemente können aufgrund technischer Erfordernisse Gefahrstoffe enthalten. Auskünfte darüber bitten wir unter Angabe des betreffenden Typs ebenfalls über die zuständige Vertriebsgesellschaft einzuholen.

Published by EPCOS AG

Marketing Communications, P.O. Box 80 17 09, 81617 Munich, GERMANY

© EPCOS AG 2000. All Rights Reserved. Reproduction, publication and dissemination of this brochure and the information contained therein without EPCOS' prior express consent is prohibited.

The information contained in this brochure describes the type of component and shall not be considered as guaranteed characteristics. Purchase orders are subject to the General Conditions for the Supply of Products and Services of the Electrical and Electronics Industry recommended by the ZVEI (German Electrical and Electronic Manufacturers' Association), unless otherwise agreed.

This brochure replaces the previous edition.

For questions on technology, prices and delivery please contact the Sales Offices of EPCOS AG or the international Representatives.

Due to technical requirements components may contain dangerous substances. For information on the type in question please also contact one of our Sales Offices.