



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Power line filters for three-phase systems
with additional VHF suppression**
Rated voltage 440/250 V~, 50/60 Hz
Rated current 6 to 75 A

Construction

- Four-line filter
- Metal case
- Screw-type cable fitting for strain relief
on line side, edge protector on load side
- Feed-through capacitors

Features

- High insertion loss up to the GHz range

Applications

- Power supplies for industrial installations
- Medical engineering
- Packaging machines

Terminals

- Safe-to-touch terminal clamps incorporated in case

Marking

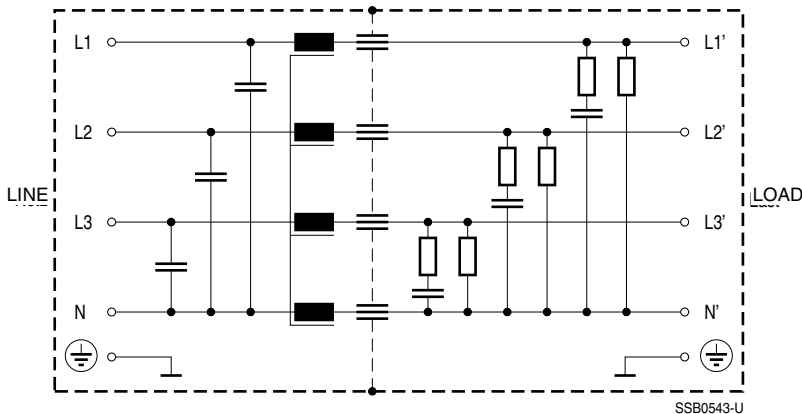
Marking on component:

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

Minimum marking on packaging:

Manufacturer's logo, ordering code



Circuit diagram


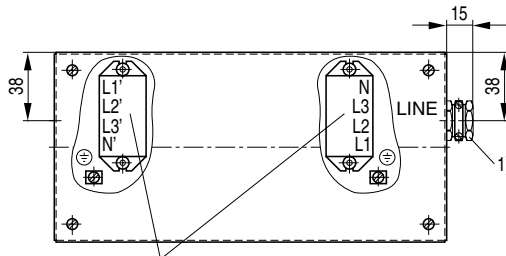
Typical circuit taking the example of B84299-K35

Technical data

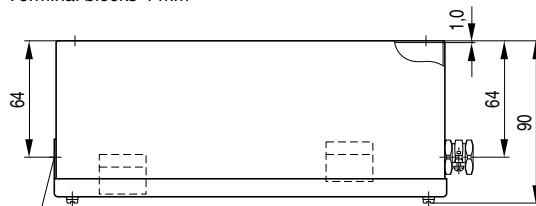
Rated voltage V_R	440/250 V~, 50/60 Hz
Rated current I_R	referred to 40 °C ambient temperature
Test voltage V_P	1414 V~, 2 s (line/line) 2700 V~, 2 s (lines/case)
Leakage current I_{leak}	at 400 V~, 50 Hz
Climatic category	in accordance with EN 60068-1 40/085/21 (– 40 °C/+ 85 °C/21 days damp heat test)

Characteristics and ordering codes

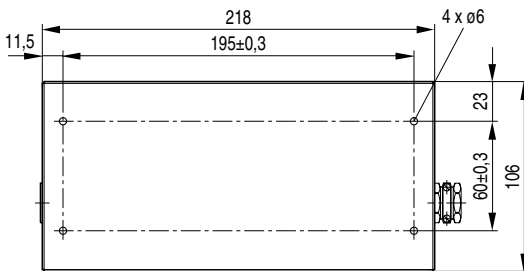
I_R	I_{leak}	Terminal cross section mm ²	Approx. weight kg	Ordering code	Approvals
A	mA				
6	< 5	4	1,8	B84299-K33	×
16	< 5	4	2,1	B84299-K35	×
25	< 5	4	3	B84299-K36	×
50	< 5	16	7,5	B84299-K37	×
75	< 10	25	11	B84299-K39	×

B84299-K35


Terminal blocks 4 mm²

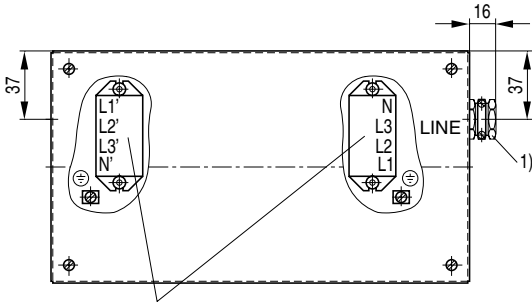


Ø 13,5 with edge protector
Hole in case Ø 15,5 ± 0,4

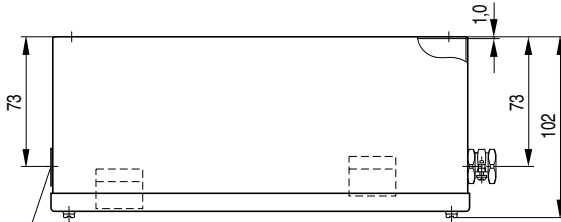


SSB1100-R

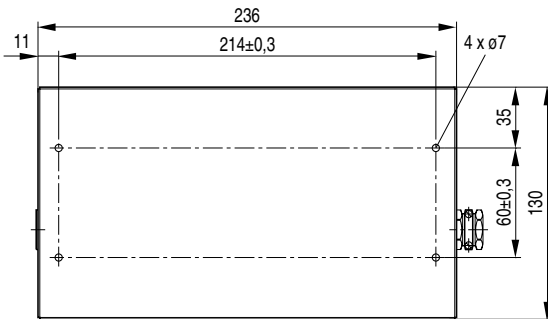
1) Screw-type cable fitting PG 9, for cable diameter 8 ... 12,5 mm

B84299-K36


Terminal blocks 4 mm²



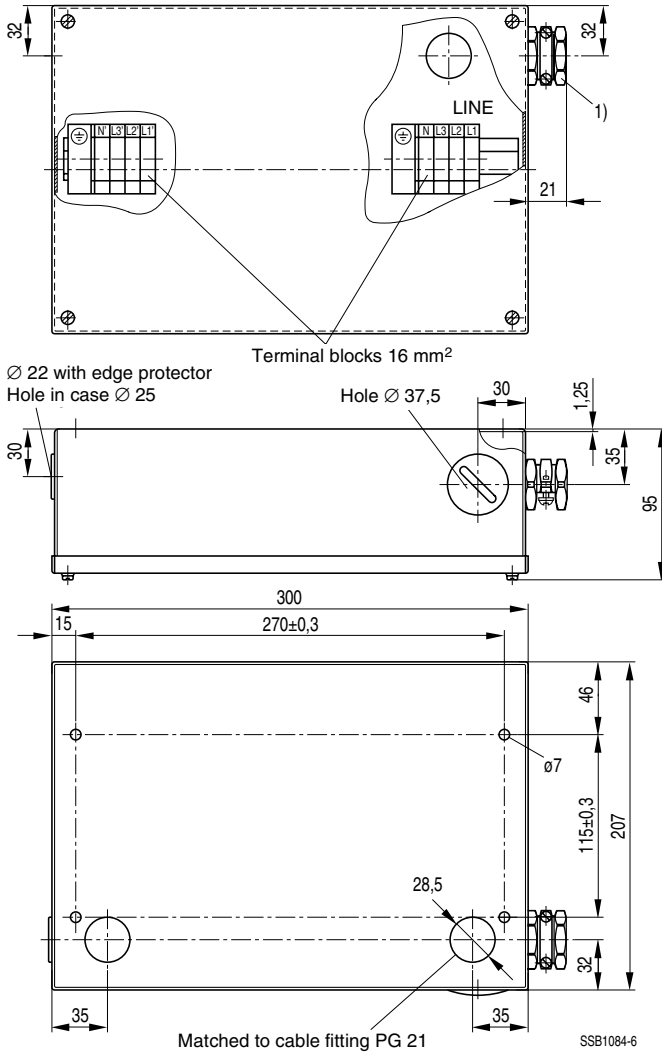
Ø 17 with edge protector
Hole in case Ø 20



SSB1101-Z

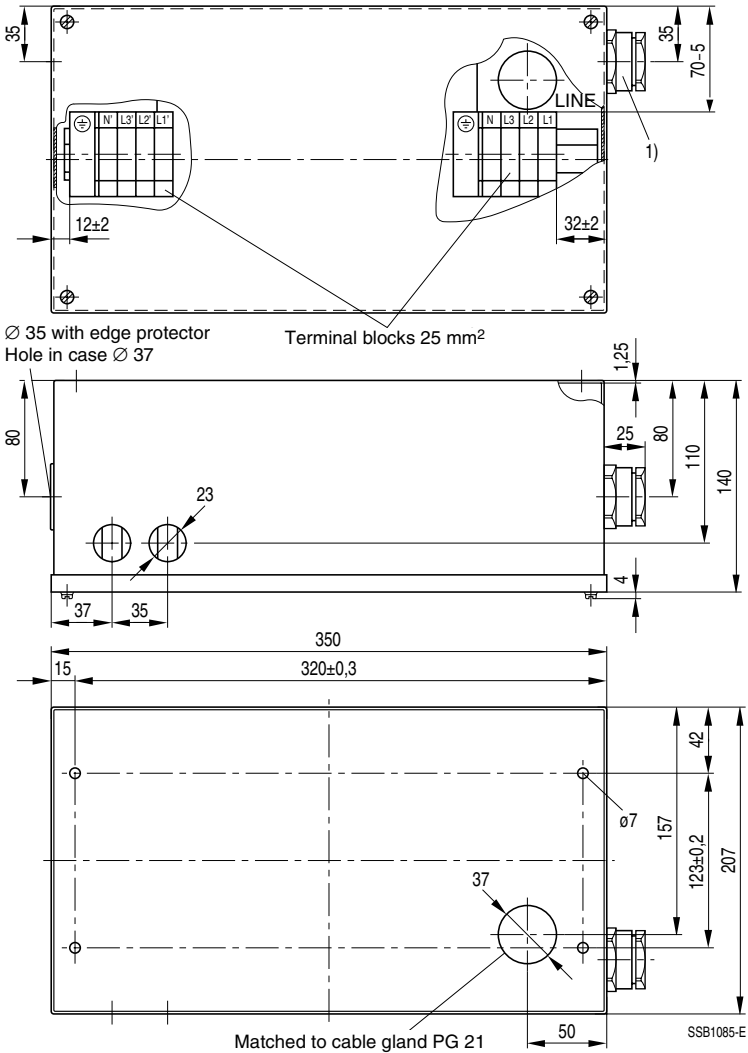
1) Screw-type cable fitting PG 11, for cable diameter 9 ... 15 mm

B84299-K37



- 1) Screw-type cable fitting DIN 46320 PG 21 included in delivery (loosely)
Hole in case Ø 28,5 mm
Cable diameter 18 ... 23 mm

B84299-K39

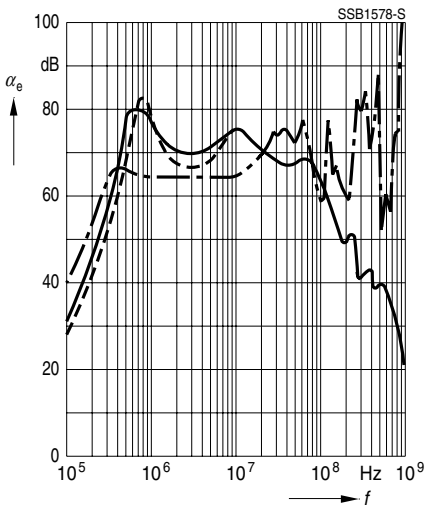


- 1) Screw-type cable fitting DIN 46320 PG 29 included in delivery (loosely)
Hole in case Ø 37 mm

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

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

Example of filter B84299-K35



Herausgegeben von EPCOS AG

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