



Catalog

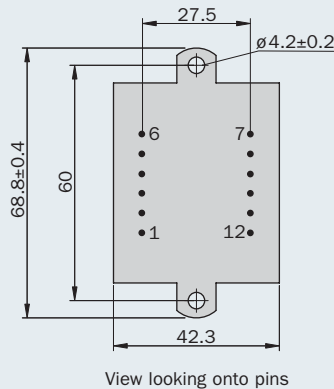


HAHN QUALITY
Performance that builds trust.



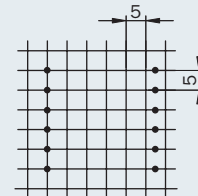
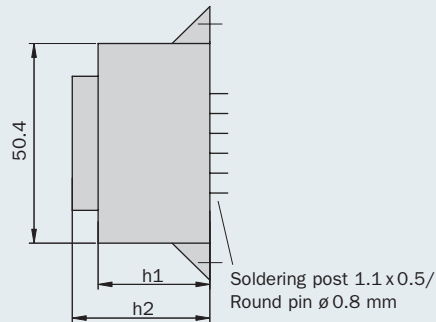
- Capacity up to 15.0 VA
- Non short-circuit-proof at temperature class ta 70 °C/B
- Standard type 'K' cast housing
- Test certifications to ENEC 10-, VDE- and UL-regulations*
- with VDE certificate for glow wire test in accordance to standard EN 60335-1:2005
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance
- Self-extinguishing cast housing and sealing material
- Certified item quality tested

Primary protection by means of transformer heat coils to IEC 127 standards or secondarily with PTC resistances.



View looking onto pins

Type 'K' cast housing with 2 fixing straps



Dimensions without tolerances ± 0.3 mm,
Rights to make alterations and improvements hereby reserved

Frame size/Core height	Output ta 70 °C/B	h1 (mm)	h2 (mm)	Weight	Packaging unit
BV EI 480 /12.5 mm*	7.0 VA	24.2 $\pm$ 0.5 mm	30.2 $\pm$ 0.5 mm	0.250 kg	27/40 pieces**
BV EI 481 /16.8 mm	10.0 VA	27.9 $\pm$ 0.5 mm	34.6 $\pm$ 0.5 mm	0.300 kg	27/40 pieces**
BV EI 482 /20.5 mm	12.0 VA	32.3 $\pm$ 0.5 mm	38.5 $\pm$ 0.5 mm	0.350 kg	27/40 pieces**
BV EI 483 /25.5 mm	15.0 VA	38.3 $\pm$ 0.5 mm	43.5 $\pm$ 0.5 mm	0.450 kg	27/40 pieces**

* Only in type 'O'

** it depends on kind of cast housing

Order No.	Total output VA	Frame Size	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V
BV EI 480 1227	7.0	0	230	1-6	1 x 6	1167	8-11	1 x 7.6
BV EI 480 1228	7.0	0	230	1-6	2 x 6	583	7-8/11-12	2 x 7.6
BV EI 480 1230	7.0	0	230	1-6	1 x 7.5	934	8-11	1 x 10.1
BV EI 480 1218	7.0	0	230	1-6	2 x 7.5	467	7-8/11-12	2 x 10.1
BV EI 480 1219	7.0	0	230	1-6	1 x 9	788	8-11	1 x 11.6
BV EI 480 1220	7.0	0	230	1-6	2 x 9	388	7-8/11-12	2 x 11.6
BV EI 480 1221	7.0	0	230	1-6	1 x 12	583	7-8/11-12	1 x 15.2
BV EI 480 1222	7.0	0	230	1-6	2 x 12	292	8-11	2 x 15.4
BV EI 480 1223	7.0	0	230	1-6	1 x 15	467	8-11	1 x 18.9
BV EI 480 1224	7.0	0	230	1-6	2 x 15	233	7-8/11-12	2 x 19.0
BV EI 480 1225	7.0	0	230	1-6	1 x 18	389	8-11	1 x 22.3
BV EI 480 1229	7.0	0	230	1-6	2 x 18	195	7-8/11-12	2 x 22.3
BV EI 480 1226	7.0	0	230	1-6	1 x 24	292	8-11	1 x 29.4



Safety transformer

* UL on request



Frame size/Core height	Output ta 70 °C/B	h1 (mm)	h2 (mm)	Weight	Packaging unit
BV EI 481 /16.8 mm	10.0 VA	27.9 ± 0.5 mm	34.6 ± 0.5 mm	0.300 kg	27/40 pieces*

Order No.	Total output VA	Frame Size	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V
BV EI 481 1142	10.0	1	230	1–6	1 x 6	1667	8–11	1 x 7.6
BV EI 481 1134	10.0	1	230	1–6	2 x 6	833	7–8/11–12	2 x 7.6
BV EI 481 1182	10.0	1	230	1–6	1 x 7.5	1333	8–11	1 x 9.8
BV EI 481 1188	10.0	1	230	1–6	2 x 7.5	667	7–8/11–12	2 x 9.8
BV EI 481 1167	10.0	1	230	1–6	1 x 9	1111	8–11	1 x 11.5
BV EI 481 1118	10.0	1	230	1–6	2 x 9	556	7–8/11–12	2 x 11.5
BV EI 481 1172	10.0	1	230	1–6	1 x 12	833	8–11	1 x 15.5
BV EI 481 1119	10.0	1	230	1–6	2 x 12	417	7–8/11–12	2 x 15.3
BV EI 481 1184	10.0	1	230	1–6	1 x 15	667	8–11	1 x 18.6
BV EI 481 1120	10.0	1	230	1–6	2 x 15	333	7–8/11–12	2 x 18.6
BV EI 481 1185	10.0	1	230	1–6	1 x 18	556	8–11	1 x 22.3
BV EI 481 1192	10.0	1	230	1–6	2 x 18	278	7–8/11–12	2 x 22.3
BV EI 481 1186	10.0	1	230	1–6	1 x 24	416	8–11	1 x 28.7

Frame size/Core height	Output ta 70 °C/B	h1 (mm)	h2 (mm)	Weight	Packaging unit
BV EI 482 /20.5 mm	12.0 VA	32.3 ± 0.5 mm	38.5 ± 0.5 mm	0.350 kg	27/40 pieces*

Order No.	Total output VA	Frame Size	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V
BV EI 482 1231	12.0	2	230	1–6	1 x 6	2000	8–11	1 x 8.3
BV EI 482 1232	12.0	2	230	1–6	2 x 6	1000	7–8/11–12	2 x 8.3
BV EI 482 1233	12.0	2	230	1–6	1 x 7.5	1600	8–11	1 x 10.6
BV EI 482 1236	12.0	2	230	1–6	2 x 7.5	800	7–8/11–12	2 x 10.6
BV EI 482 1237	12.0	2	230	1–6	1 x 9	1333	8–11	1 x 12.4
BV EI 482 1238	12.0	2	230	1–6	2 x 9	667	7–8/11–12	2 x 12.4
BV EI 482 1239	12.0	2	230	1–6	1 x 12	1000	8–11	1 x 16.3
BV EI 482 1240	12.0	2	230	1–6	2 x 12	500	7–8/11–12	2 x 16.3
BV EI 482 1241	12.0	2	230	1–6	1 x 15	800	8–11	1 x 19.9
BV EI 482 1242	12.0	2	230	1–6	2 x 15	400	7–8/11–12	2 x 19.9
BV EI 482 1243	12.0	2	230	1–6	1 x 18	667	8–11	1 x 23.5
BV EI 482 1234	12.0	2	230	1–6	2 x 18	333	7–8/11–12	2 x 23.5
BV EI 482 1244	12.0	2	230	1–6	1 x 24	500	8–11	1 x 30.3

Frame size/Core height	Output ta 70 °C/B	h1 (mm)	h2 (mm)	Weight	Packaging unit
BV EI 483 /25.5 mm	15.0 VA	37.5 ± 0.5 mm	43.5 ± 0.5 mm	0.450 kg	27/40 pieces*

Order No.	Total output VA	Frame Size	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V
BV EI 483 1260	15.0	3	230	1–6	1 x 6	2500	8–11	1 x 7.8
BV EI 483 1257	15.0	3	230	1–6	2 x 6	1250	7–8/11–12	2 x 7.8
BV EI 483 1258	15.0	3	230	1–6	1 x 7.5	2000	8–11	1 x 9.5
BV EI 483 1245	15.0	3	230	1–6	2 x 7.5	1000	7–8/11–12	2 x 9.5
BV EI 483 1246	15.0	3	230	1–6	1 x 9	1667	8–11	1 x 12.0
BV EI 483 1247	15.0	3	230	1–6	2 x 9	833	7–8/11–12	2 x 12.0
BV EI 483 1248	15.0	3	230	1–6	1 x 12	1250	8–11	1 x 15.9
BV EI 483 1249	15.0	3	230	1–6	2 x 12	625	7–8/11–12	2 x 15.9
BV EI 483 1250	15.0	3	230	1–6	1 x 15	1000	8–11	1 x 19.1
BV EI 483 1251	15.0	3	230	1–6	2 x 15	500	7–8/11–12	2 x 19.1
BV EI 483 1252	15.0	3	230	1–6	1 x 18	833	8–11	1 x 22.8
BV EI 483 1259	15.0	3	230	1–6	2 x 18	417	7–8/11–12	2 x 22.8
BV EI 483 1253	15.0	3	230	1–6	1 x 24	625	8–11	1 x 30.6

* it depends on kind of cast housing

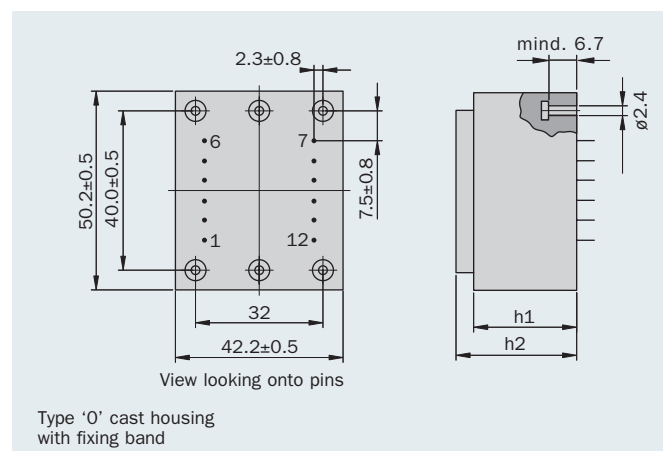
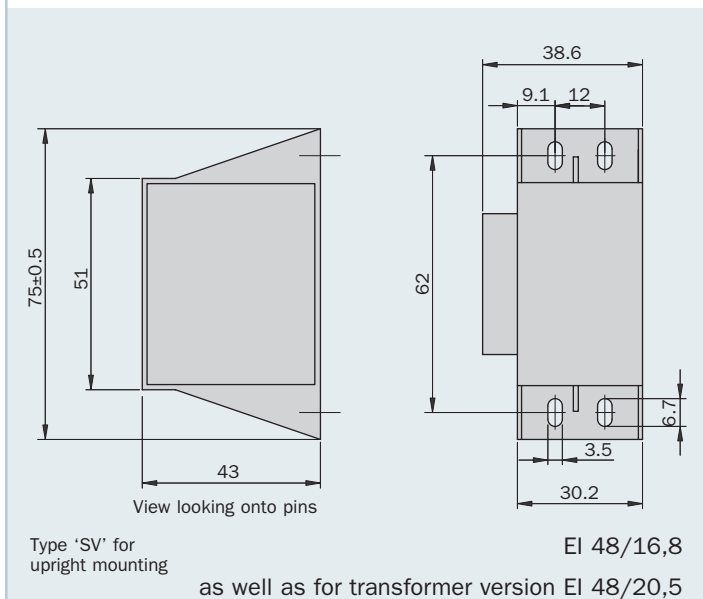
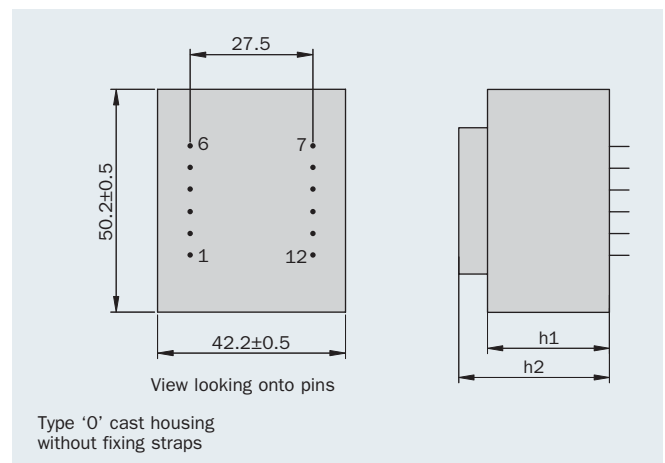
Type „0“

Order No.	Total output VA	Frame Size	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V
BV EI 481 1325	10.0	1	230	1–6	1 x 6	1667	8–11	1 x 7.6
BV EI 481 1305	10.0	1	230	1–6	2 x 6	833	7–8/11–12	2 x 7.6
BV EI 481 1312	10.0	1	230	1–6	1 x 7.5	1333	8–11	1 x 9.8
BV EI 481 1326	10.0	1	230	1–6	2 x 7.5	667	7–8/11–12	2 x 9.8
BV EI 481 1291	10.0	1	230	1–6	1 x 9	1111	8–11	1 x 11.5
BV EI 481 1271	10.0	1	230	1–6	2 x 9	556	7–8/11–12	2 x 11.5
BV EI 481 1295	10.0	1	230	1–6	1 x 12	833	8–11	1 x 15.5
BV EI 481 1327	10.0	1	230	1–6	2 x 12	417	7–8/11–12	2 x 15.3
BV EI 481 1323	10.0	1	230	1–6	1 x 15	667	8–11	1 x 18.6
BV EI 481 1324	10.0	1	230	1–6	2 x 15	333	7–8/11–12	2 x 18.6
BV EI 481 1307	10.0	1	230	1–6	1 x 18	556	8–11	1 x 22.3
BV EI 481 1328	10.0	1	230	1–6	2 x 18	278	7–8/11–12	2 x 22.3
BV EI 481 1329	10.0	1	230	1–6	1 x 24	416	8–11	1 x 28.7

Individual EI 48 transformer version

EI 48 transformers, custom-made versions.

Parallel to the cataloged EI 48 series transformers, HAHN also produces other variants, e.g. with integrated thermo fuse or thermo switch, other housing-, fixing- and connective options as well as non-encapsulated transformers.



Dimensions in drawings:
 – without tolerances ± 0.3 mm
 – Soldering post 1.1×0.5
 – Round pin $\varnothing 0.8$



HAHN QUALITY

Performance that builds trust.

HAHN GmbH & Co. KG
Bellersheimer Straße 45
D-35410 Hungen/Trais-Horloff
Phone: 00 49 (0) 64 02 / 8 08-0
Fax: 00 49 (0) 64 02 / 8 08-60
info@hahn-trafo.de
www.hahn-trafo.com