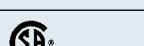


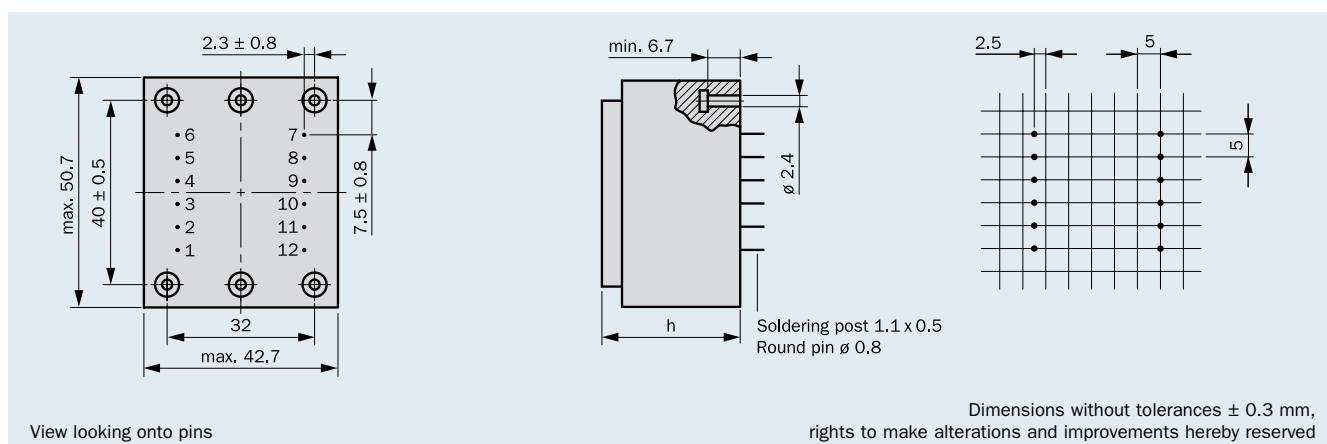
	DIN EN 61558-2-6	VDE	on request
	DIN EN 60 335-1	VDE	102961/84814
	UL 5085-3	UL	on request
	UL 5085-1	UL	on request
	C22.2	CSA	on request

Individual version!

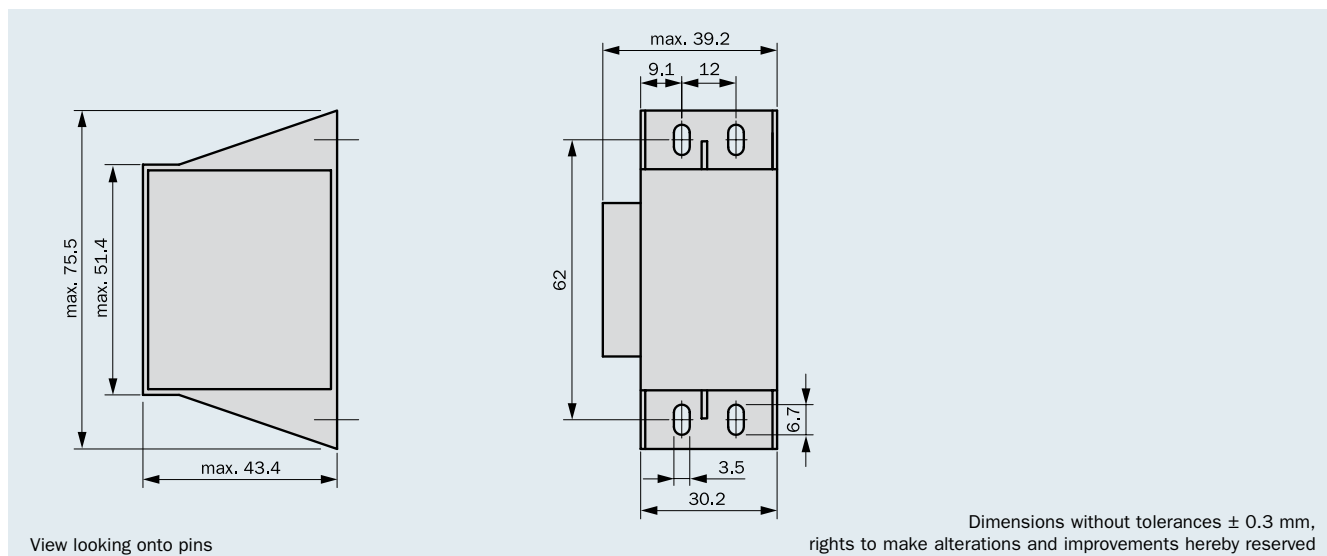
Parallel to the cataloged EI 48 series transformers, HAHN also produces other variants, e.g. with integrated thermo fuse or thermo switch, other housing, fixing- and connective options as well as non-encapsulated transformers.

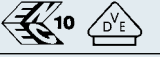
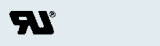
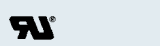
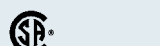
- according to REACH regulation
- according to RoHs regulation

Type cast housing “0” with fixing band



Type cast housing “SV” for upright mounting



	DIN EN 61558-2-6	VDE	108267
	DIN EN 60 335-1	VDE	102961/84814
	UL 5085-3	UL	on request
	UL 5085-1	UL	E98173
	C22.2	CSA	on request

- according to REACH regulation
- according to RoHS regulation

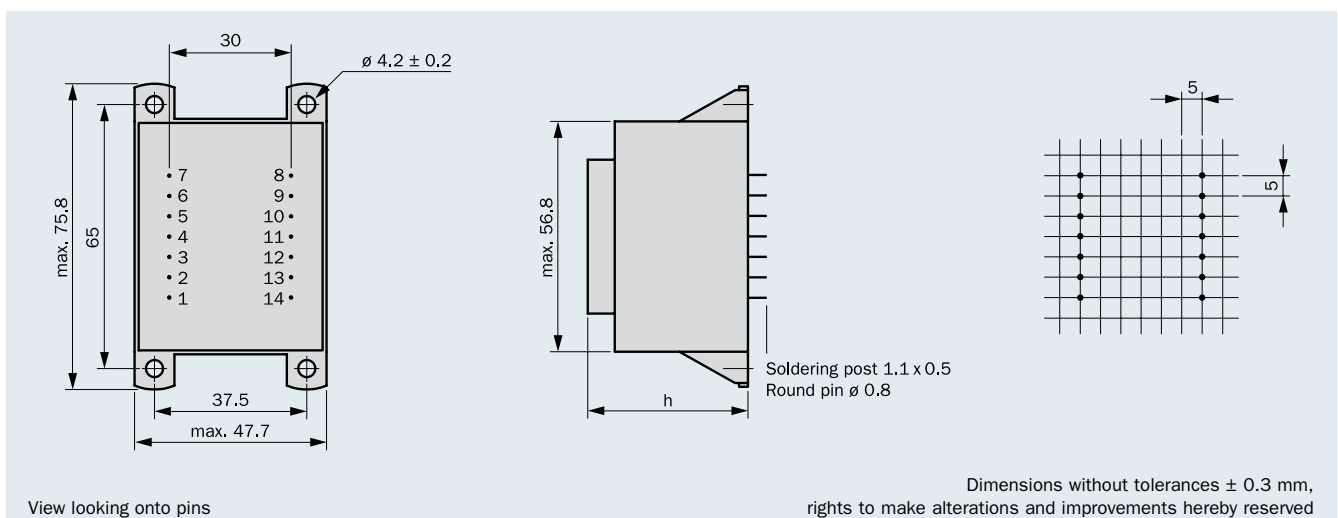


- Output Power up to 22.0 VA
- Non short-circuit-proof at temperature class ta 70 °C/B
- Standard type cast housing “KK”
- Excellent temperature fluctuation resistance properties
- High electrical safety and long service-life features
- High voltage resistance
- Self-extinguishing cast housing and sealing material
- Per item tested quality with certificate

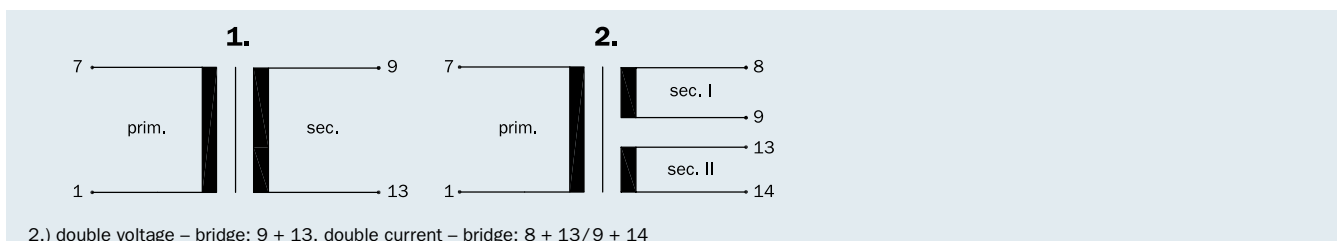
Protection extern secondary by:

- Micro fuse according to IEC 127 or
- PTC resistance

Type cast housing “KK” with 4 fixing straps



Connection scheme (only connected pins are present)



Frame size/Core height	Output Power ta 70 °C/B	Height (h)	Weight	Packaging unit
BV EI 540 /14.0 mm*	12.0 VA	35.0 $\pm$ 0.5 mm	0.350 kg	24 pieces**
BV EI 541 /18.8 mm	16.0 VA	38.8 $\pm$ 0.5 mm	0.400 kg	24 pieces**
BV EI 542 /23.0 mm	20.0 VA	43.2 $\pm$ 0.5 mm	0.500 kg	24 pieces**
BV EI 543 /25.5 mm	22.0 VA	47.4 $\pm$ 0.5 mm	0.550 kg	24 pieces**

* only type cast housing '0'

** it depends on kind of cast housing

12.0 VA ta 70°C/B

Frame size/Core height
**BV EI 540.... /
14.0 mm**

non short-
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV EI 540 1137	230	1-7	1 x 6	2000	9-13	1 x 8.1	1
BV EI 540 1138	230	1-7	2 x 6	1000	8-9/13-14	2 x 8.1	2
BV EI 540 1139	230	1-7	1 x 7.5	1600	9-13	1 x 9.9	1
BV EI 540 1140	230	1-7	2 x 7.5	800	8-9/13-14	2 x 9.9	2
BV EI 540 1141	230	1-7	1 x 9	1333	9-13	1 x 12.2	1
BV EI 540 1142	230	1-7	2 x 9	667	8-9/13-14	2 x 12.2	2
BV EI 540 1143	230	1-7	1 x 12	1000	9-13	1 x 15.8	1
BV EI 540 1144	230	1-7	2 x 12	500	8-9/13-14	2 x 15.8	2
BV EI 540 1145	230	1-7	1 x 15	800	9-13	1 x 19.4	1
BV EI 540 1146	230	1-7	2 x 15	400	8-9/13-14	2 x 19.4	2
BV EI 540 1147	230	1-7	1 x 18	667	9-13	1 x 23.5	1
BV EI 540 1148	230	1-7	2 x 18	334	8-9/13-14	2 x 23.5	2
BV EI 540 1149	230	1-7	1 x 24	500	9-13	1 x 30.6	1

16.0 VA ta 70°C/B

Frame size/Core height
**BV EI 541.... /
18.8 mm**

non short-
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV EI 541 1121	230	1-7	1 x 6	2667	9-13	1 x 7.9	1
BV EI 541 1128	230	1-7	2 x 6	1334	8-9/13-14	2 x 7.9	2
BV EI 541 1122	230	1-7	1 x 7.5	2134	9-13	1 x 9.7	1
BV EI 541 1129	230	1-7	2 x 7.5	1067	8-9/13-14	2 x 9.7	2
BV EI 541 1123	230	1-7	1 x 9	1778	9-13	1 x 11.7	1
BV EI 541 1130	230	1-7	2 x 9	889	8-9/13-14	2 x 11.7	2
BV EI 541 1124	230	1-7	1 x 12	1333	9-13	1 x 15.2	1
BV EI 541 1131	230	1-7	2 x 12	667	8-9/13-14	2 x 15.2	2
BV EI 541 1125	230	1-7	1 x 15	1067	9-13	1 x 19.1	1
BV EI 541 1132	230	1-7	2 x 15	534	8-9/13-14	2 x 19.1	2
BV EI 541 1126	230	1-7	1 x 18	889	9-13	1 x 22.3	1
BV EI 541 1150	230	1-7	2 x 18	445	8-9/13-14	2 x 22.3	2
BV EI 541 1110	230	1-7	1 x 24	667	9-13	1 x 29.1	1

20.0 VA ta 70°C/B

Frame size/Core height
**BV EI 542.... /
23.0 mm**

non short-
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV EI 542 1151	230	1-7	1 x 6	3334	9-13	1 x 7.7	1
BV EI 542 1152	230	1-7	2 x 6	1667	8-9/13-14	2 x 7.7	2
BV EI 542 1153	230	1-7	1 x 7.5	2667	9-13	1 x 9.5	1
BV EI 542 1154	230	1-7	2 x 7.5	1334	8-9/13-14	2 x 9.5	2
BV EI 542 1155	230	1-7	1 x 9	2223	9-13	1 x 11.4	1
BV EI 542 1156	230	1-7	2 x 9	1112	8-9/13-14	2 x 11.4	2
BV EI 542 1157	230	1-7	1 x 12	1667	9-13	1 x 15.0	1
BV EI 542 1158	230	1-7	2 x 12	834	8-9/13-14	2 x 15.0	2
BV EI 542 1159	230	1-7	1 x 15	1334	9-13	1 x 18.6	1
BV EI 542 1160	230	1-7	2 x 15	667	8-9/13-14	2 x 18.6	2
BV EI 542 1161	230	1-7	1 x 18	1112	9-13	1 x 21.8	1
BV EI 542 1162	230	1-7	2 x 18	556	8-9/13-14	2 x 21.8	2
BV EI 542 1163	230	1-7	1 x 24	834	9-13	1 x 29.5	1

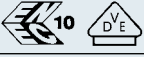
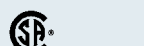
22.0 VA ta 70°C/B

Frame size/Core height
BV EI 543 /
25.5 mm

non short-
circuit-proof



Order No.	Primary voltage V	Connecting pins prim.	Secondary voltage V	Current sec. mA	Connecting pins sec.	No-load voltage V	Connection scheme
BV EI 543 1166	230	1-7	1 x 6	3667	9-13	1 x 7.4	1
BV EI 543 1167	230	1-7	2 x 6	1834	8-9/13-14	2 x 7.4	2
BV EI 543 1168	230	1-7	1 x 7.5	2934	9-13	1 x 8.9	1
BV EI 543 1169	230	1-7	2 x 7.5	1467	8-9/13-14	2 x 8.9	2
BV EI 543 1170	230	1-7	1 x 9	2445	9-13	1 x 10.7	1
BV EI 543 1171	230	1-7	2 x 9	1223	8-9/13-14	2 x 10.7	2
BV EI 543 1172	230	1-7	1 x 12	1834	9-13	1 x 14.5	1
BV EI 543 1173	230	1-7	2 x 12	917	8-9/13-14	2 x 14.5	2
BV EI 543 1174	230	1-7	1 x 15	1467	9-13	1 x 17.9	1
BV EI 543 1175	230	1-7	2 x 15	734	8-9/13-14	2 x 17.9	2
BV EI 543 1176	230	1-7	1 x 18	1223	9-13	1 x 21.0	1
BV EI 543 1177	230	1-7	2 x 18	612	8-9/13-14	2 x 21.0	2
BV EI 543 1178	230	1-7	1 x 24	917	9-13	1 x 28.0	1

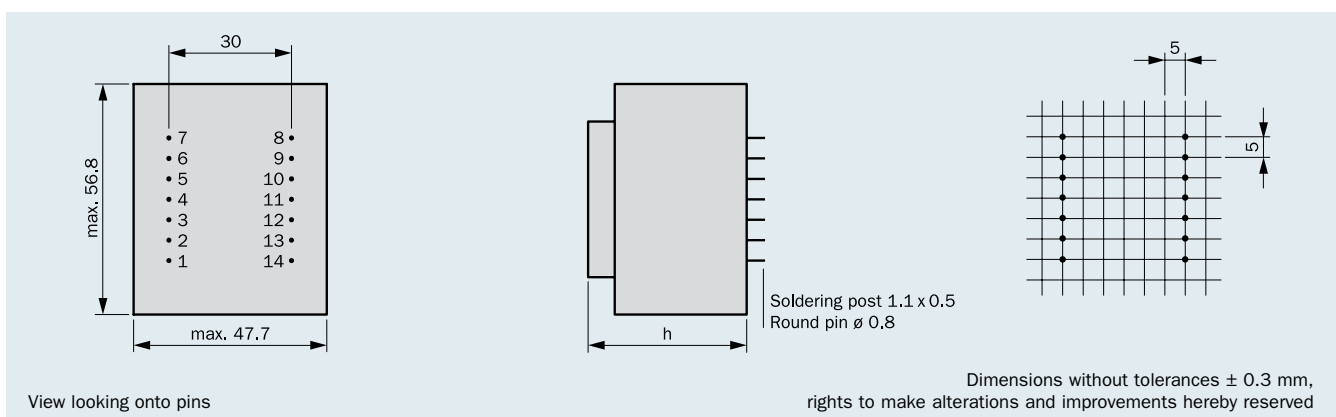
	DIN EN 61558-2-6	VDE	on request
	DIN EN 60 335-1	VDE	on request
	UL 5085-3	UL	on request
	UL 5085-1	UL	on request
	C22.2	CSA	on request

- according to REACH regulation
- according to RoHS regulation

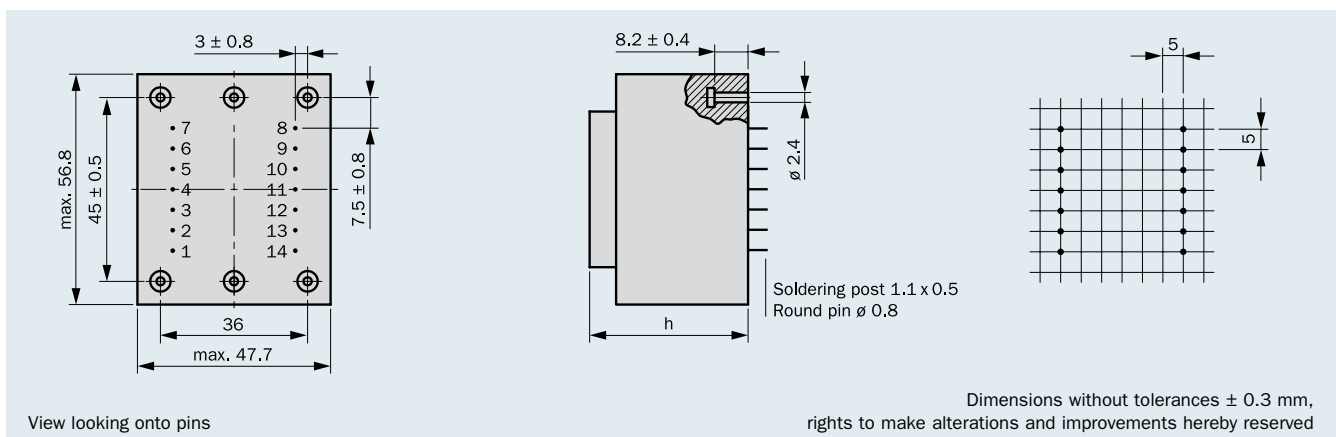
Individual version!

Parallel to the cataloged EI 54 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.

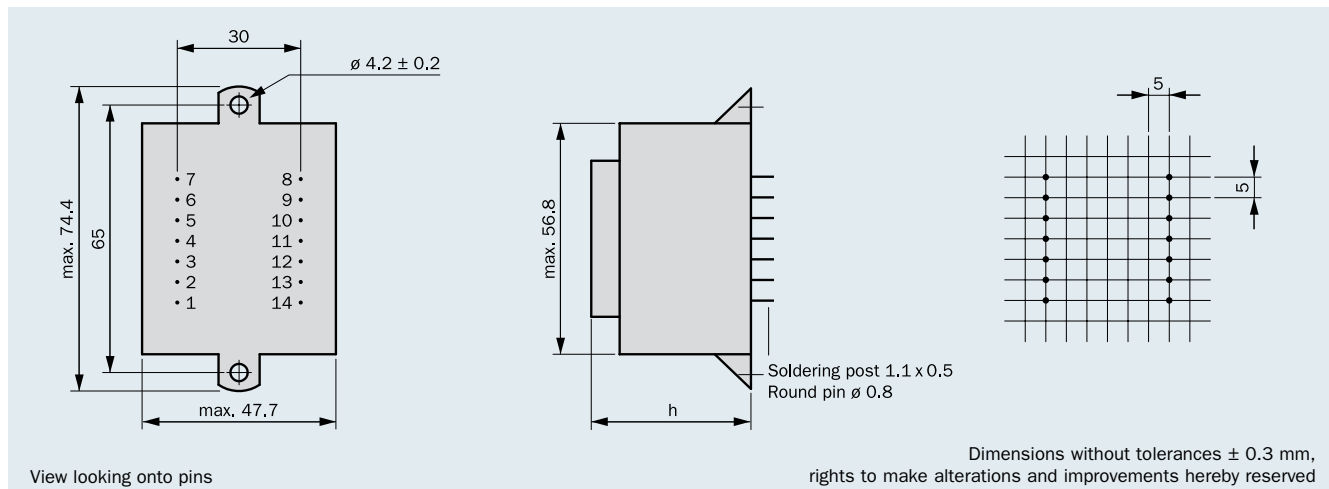
Type cast housing "0"



Type cast housing "0" with fixing band



Type cast housing “K” with 2 fixing straps



Type cast housing “SV” for upright mounting

