



Printed-Circuit-Board transformers

Output Power: 17.0 VA – 35.0 VA

EI 60

	DIN EN 61558-2-6	110044
Report of passed Glow-Wire-Test	DIN EN 60335-1, clause 30.2.3.1 and 30.2.3.2	102961/84814
	UL 5085-1	E98173
	UL 5085-2	E98173
	CSA C22.2-66.1-06	E98173
	CSA C22.2-66.2-06	E98173



- according to REACH regulation
- according to RoHS regulation

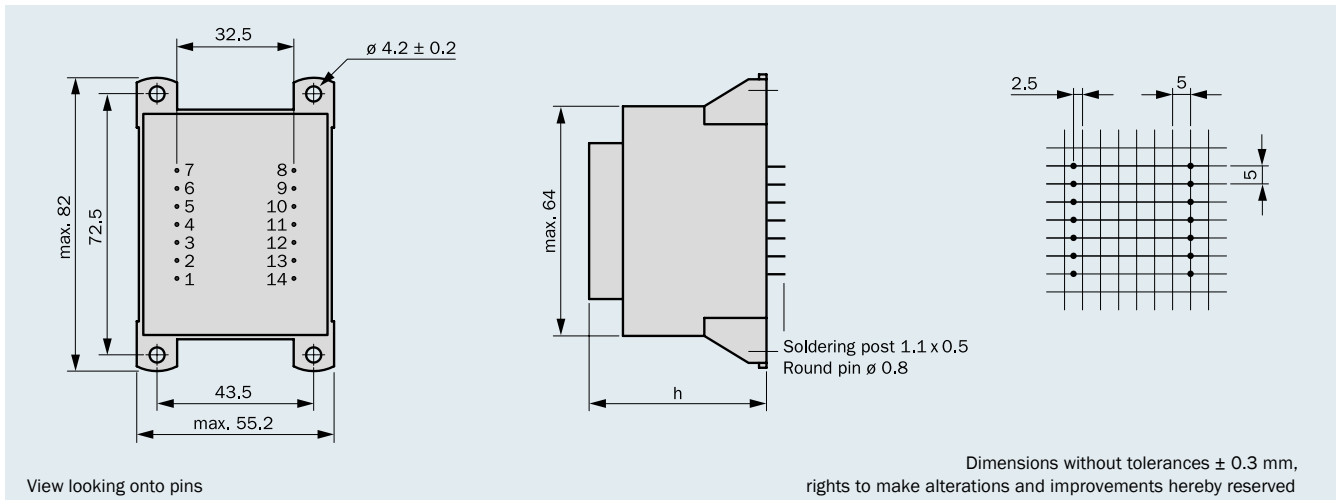
Further certifications / approvals on request!

- Output Power up to 35.0 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
- 100 % piece inspection

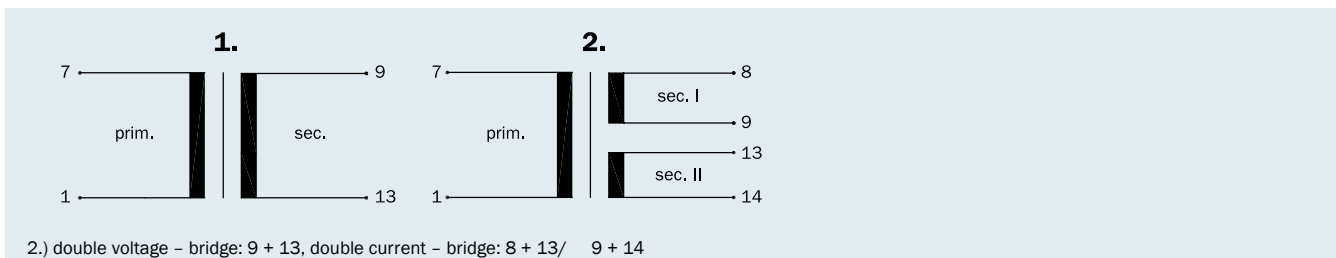
Protection extern secondary by:

- Micro fuse according to IEC 127

Connecting pins 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 600 /16.0 mm*	17.0 VA	max. 41.0 mm	0.450 kg	10 pieces
BV EI 601 /21.0 mm	20.0 VA	max. 45.2 mm	0.600 kg	10 pieces
BV EI 602 /25.5 mm	28.0 VA	max. 49.7 mm	0.700 kg	10 pieces
BV EI 603 /30.5 mm	30.0 VA	max. 54.7 mm	0.800 kg	10 pieces
BV EI 604 /35.0 mm	35.0 VA	max. 57.8 mm	0.900 kg	10 pieces

* only type cast housing '0'

17.0 VA ta 70°C/B

Frame size/Core height
BV EI 600.... /
16.0 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 600 1050	230	1-7	1 x 6	2834	9-13	1 x 7.4	1
BV EI 600 1051	230	1-7	2 x 6	1417	8-9/13-14	2 x 7.4	2
BV EI 600 1052	230	1-7	1 x 7.5	2267	9-13	1 x 9.3	1
BV EI 600 1053	230	1-7	2 x 7.5	1134	8-9/13-14	2 x 9.3	2
BV EI 600 1054	230	1-7	1 x 9	1889	9-13	1 x 11.1	1
BV EI 600 1055	230	1-7	2 x 9	945	8-9/13-14	2 x 11.1	2
BV EI 600 1056	230	1-7	1 x 12	1417	9-13	1 x 15.2	1
BV EI 600 1057	230	1-7	2 x 12	708	8-9/13-14	2 x 15.2	2
BV EI 600 1058	230	1-7	1 x 15	1134	9-13	1 x 18.2	1
BV EI 600 1065	230	1-7	2 x 15	567	8-9/13-14	2 x 18.7	2
BV EI 600 1072	230	1-7	1 x 18	944	9-13	1 x 21.9	1
BV EI 600 1061	230	1-7	2 x 18	472	8-9/13-14	2 x 21.9	2
BV EI 600 1062	230	1-7	1 x 24	708	9-13	1 x 28.9	1

20.0 VA ta 70°C/B

Frame size/Core height
BV EI 601.... /
21.0 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 601 1069	230	1-7	1 x 6	3334	9-13	1 x 7.0	1
BV EI 601 1070	230	1-7	2 x 6	1667	8-9/13-14	2 x 7.0	2
BV EI 601 1071	230	1-7	1 x 7.5	2667	9-13	1 x 8.8	1
BV EI 601 1059	230	1-7	2 x 7.5	1334	8-9/13-14	2 x 8.8	2
BV EI 601 1060	230	1-7	1 x 9	2223	9-13	1 x 10.5	1
BV EI 601 1042	230	1-7	2 x 9	1111	8-9/13-14	2 x 10.5	2
BV EI 601 1046	230	1-7	1 x 12	1667	9-13	1 x 14.2	1
BV EI 601 1043	230	1-7	2 x 12	834	8-9/13-14	2 x 14.2	2
BV EI 601 1064	230	1-7	1 x 15	1334	9-13	1 x 17.0	1
BV EI 601 1044	230	1-7	2 x 15	667	8-9/13-14	2 x 17.0	2
BV EI 601 1066	230	1-7	1 x 18	1111	9-13	1 x 20.5	1
BV EI 601 1068	230	1-7	2 x 18	556	8-9/13-14	2 x 20.5	2
BV EI 601 1067	230	1-7	1 x 24	834	9-13	1 x 27.6	1

28.0 VA ta 70°C/B

Frame size/Core height
BV EI 602.... /
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 602 1011	230	1-7	1 x 6	4667	9-13	1 x 7.1	1
BV EI 602 1018	230	1-7	2 x 6	2334	8-9/13-14	2 x 7.1	2
BV EI 602 1012	230	1-7	1 x 7.5	3734	9-13	1 x 8.8	1
BV EI 602 1019	230	1-7	2 x 7.5	1867	8-9/13-14	2 x 8.8	2
BV EI 602 1013	230	1-7	1 x 9	3111	9-13	1 x 10.6	1
BV EI 602 1020	230	1-7	2 x 9	1556	8-9/13-14	2 x 10.6	2
BV EI 602 1014	230	1-7	1 x 12	2334	9-13	1 x 14.4	1
BV EI 602 1021	230	1-7	2 x 12	1167	8-9/13-14	2 x 14.4	2
BV EI 602 1015	230	1-7	1 x 15	1867	9-13	1 x 17.8	1
BV EI 602 1022	230	1-7	2 x 15	934	8-9/13-14	2 x 17.8	2
BV EI 602 1016	230	1-7	1 x 18	1556	9-13	1 x 20.5	1
BV EI 602 1076	230	1-7	2 x 18	778	8-9/13-14	2 x 20.5	2
BV EI 602 1017	230	1-7	1 x 24	1167	9-13	1 x 27.4	1

30.0 VA ta 70 °C/B

Frame size/Core height
**BV EI 603.... /
30.5 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 603 1023	230	1-7	1 x 6	5000	9-13	1 x 7.0	1
BV EI 603 1030	230	1-7	2 x 6	2500	8-9/13-14	2 x 7.0	2
BV EI 603 1024	230	1-7	1 x 7.5	4000	9-13	1 x 8.7	1
BV EI 603 1031	230	1-7	2 x 7.5	2000	8-9/13-14	2 x 8.7	2
BV EI 603 1025	230	1-7	1 x 9	3334	9-13	1 x 10.2	1
BV EI 603 1032	230	1-7	2 x 9	1667	8-9/13-14	2 x 10.2	2
BV EI 603 1026	230	1-7	1 x 12	2500	9-13	1 x 13.7	1
BV EI 603 1034	230	1-7	2 x 12	1250	8-9/13-14	2 x 13.7	2
BV EI 603 1027	230	1-7	1 x 15	2000	9-13	1 x 16.8	1
BV EI 603 1035	230	1-7	2 x 15	1000	8-9/13-14	2 x 16.8	2
BV EI 603 1028	230	1-7	1 x 18	1667	9-13	1 x 20.3	1
BV EI 603 1080	230	1-7	2 x 18	834	8-9/13-14	2 x 20.3	2
BV EI 603 1029	230	1-7	1 x 24	1250	9-13	1 x 27.0	1

35.0 VA ta 70 °C/B

Frame size/Core height
**BV EI 604.... /
35.0 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 604 1082	230	1-7	1 x 6	5834	9-13	1 x 7.0	1
BV EI 604 1083	230	1-7	2 x 6	2917	8-9/13-14	2 x 7.0	2
BV EI 604 1084	230	1-7	1 x 7.5	4667	9-13	1 x 8.7	1
BV EI 604 1085	230	1-7	2 x 7.5	2334	8-9/13-14	2 x 8.7	2
BV EI 604 1086	230	1-7	1 x 9	3889	9-13	1 x 10.3	1
BV EI 604 1087	230	1-7	2 x 9	1994	8-9/13-14	2 x 10.3	2
BV EI 604 1088	230	1-7	1 x 12	2917	9-13	1 x 13.9	1
BV EI 604 1089	230	1-7	2 x 12	1458	8-9/13-14	2 x 13.9	2
BV EI 604 1090	230	1-7	1 x 15	2334	9-13	1 x 17.1	1
BV EI 604 1091	230	1-7	2 x 15	1167	8-9/13-14	2 x 17.1	2
BV EI 604 1092	230	1-7	1 x 18	1994	9-13	1 x 20.3	1
BV EI 604 1093	230	1-7	2 x 18	972	8-9/13-14	2 x 20.3	2
BV EI 604 1094	230	1-7	1 x 24	1458	9-13	1 x 26.9	1

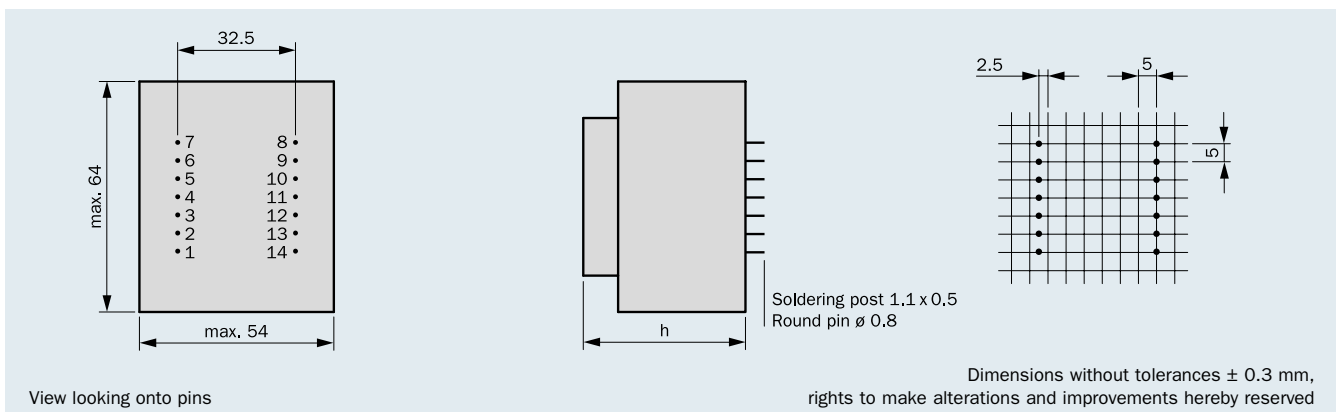
Individual version!

Parallel to the cataloged EI 60 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.

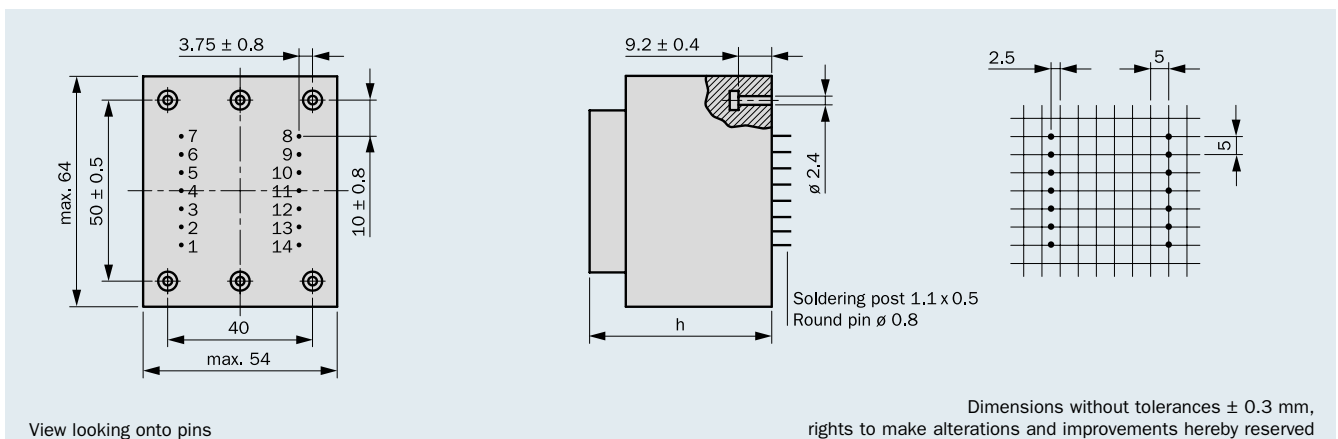
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- according to RoHS regulation

Further certifications / approvals on request!

Type cast housing "0"



Type cast housing "0" with fixing band



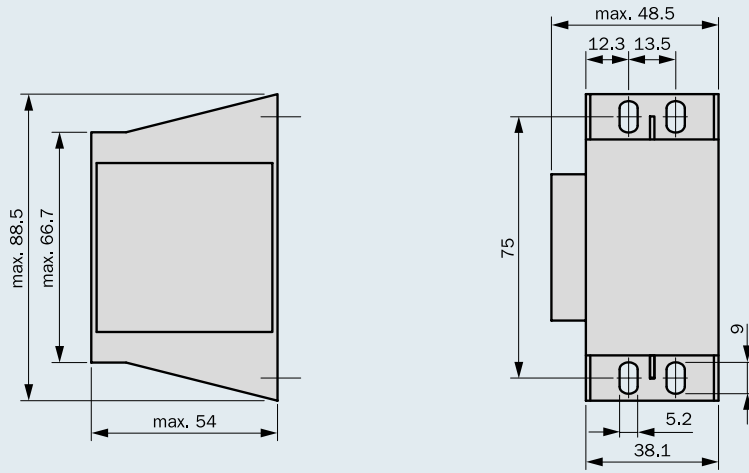


Printed-Circuit-Board transformers

Output Power: 17.0 VA – 35.0 VA

EI 60

Type cast housing "SV" with fixing band



View looking onto pins

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