
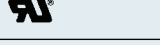


	DIN EN 61558-2-6	VDE	115801/124257
	DIN EN 60 335-1	VDE	102961/84814
	UL 5085-3	UL	E177280
	UL 5085-1	UL	E98173
	C22.2	CSA	99204



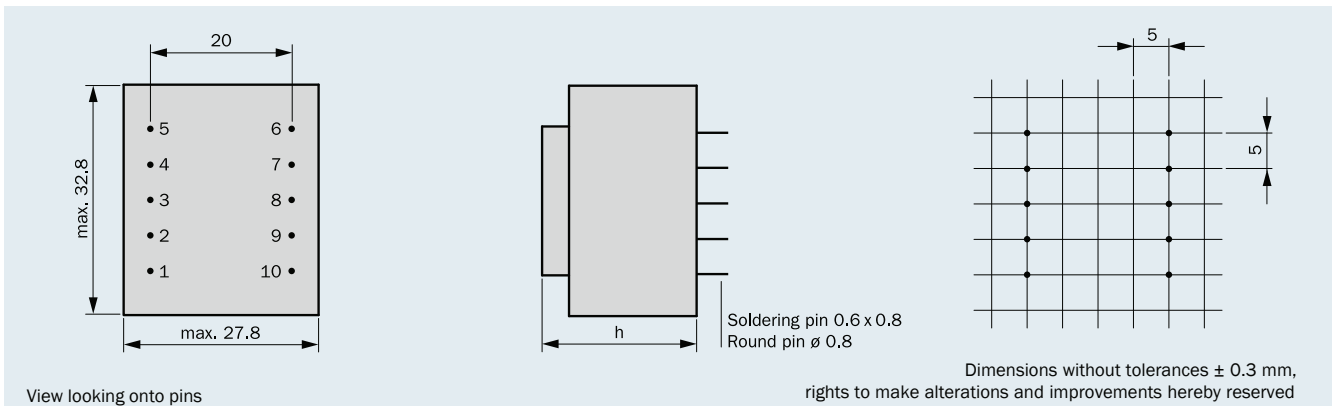
- according to REACH regulation
- according to RoHs regulation

- Primary voltages from 12 V to 250 V or 2 x 12 V to 2 x 125 V
- Secondary voltages from 2 V to max. 38 V or 2 x 2 V to max. 2 x 19 V
- Output Power up to 3.6 VA
- Short-circuit-proof
- Vacuum-encapsulated, bobbin with dual chamber windings
- Temperature class ta 40 °C/F and ta 70 °C/F
- Per item tested quality with certificate
- Excellent temperature fluctuation resistance properties
- Self-extinguishing cast housing and sealing material
- Minimal size available

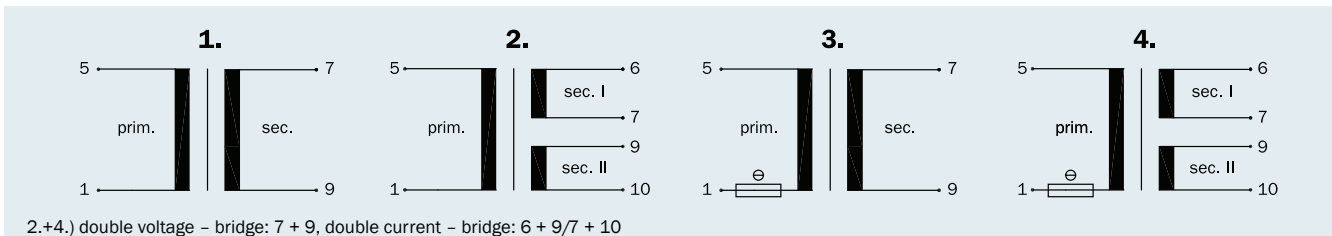
Several hundreds of types provide safety and long service-life for printed circuit boards, household appliances, leisure electronics, heating and control technology as well as in assembly techniques. Transformers for special requirements with lower open-circuit (no-load) loss capacity are also available in the range.

Enhanced customer benefit due to ongoing high quality standards throughout 40 years experience in transformer technology.

Connecting pins



Connection scheme (only connected pins are present)



Frame size/ Core height	Output Power ta 40 °C/F	Output Power ta 70 °C/F	Output Power ta 70 °C/F with thermo-fuse	Height (h)	Weight	Packaging unit
BV EI 301 / 5.5 mm	0.6 VA	0.5/0.7 VA	0.65 VA	15.2 mm	0.044 kg	50 pieces
BV EI 302 /10.5 mm	1.8 VA	1.5 VA	1.8 VA	21.8 mm	0.070 kg	50 pieces
BV EI 307 /11.5 mm	2.2 VA	1.8 VA	1.8 VA	22.1 mm	0.076 kg	50 pieces
BV EI 303 /12.5 mm	2.3 VA	1.9 VA	2.3 VA	23.8 mm	0.081 kg	50 pieces
BV EI 304 /15.5 mm	2.6 VA	2.1 VA	2.4 VA	26.8 mm	0.099 kg	50 pieces
BV EI 305 /18.0 mm	3.0 VA	2.3 VA	2.7 VA	29.5 mm	0.111 kg	50 pieces
BV EI 306 /23.0 mm	3.6 VA	3.0 VA	3.4 VA	34.0 mm	0.135 kg	50 pieces

2.6 VA ta 40 °C/F

Frame size/Core height
**BV EI 304 /
15.5 mm**

inherently
short-circuit-
proof



no load power loss
type. 1.0 W

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 304 2040	230	1-5	1 x 6	434	7-9	1 x 10.4	1
BV EI 304 2045	230	1-5	2 x 6	217	6-7/9-10	2 x 10.8	2
BV EI 304 3564	230	1-5	1 x 7.5	346	7-9	1 x 12.5	1
BV EI 304 2840	230	1-5	2 x 7.5	173	6-7/9-10	2 x 12.5	2
BV EI 304 2041	230	1-5	1 x 9	289	7-9	1 x 15.9	1
BV EI 304 2046	230	1-5	2 x 9	145	6-7/9-10	2 x 16.2	2
BV EI 304 2042	230	1-5	1 x 12	217	7-9	1 x 21.7	1
BV EI 304 2047	230	1-5	2 x 12	108	6-7/9-10	2 x 22.4	2
BV EI 304 2043	230	1-5	1 x 15	174	7-9	1 x 27.4	1
BV EI 304 2044	230	1-5	1 x 18	145	7-9	1 x 30.9	1
BV EI 304 2995	230	1-5	1 x 21	123	7-9	1 x 32.1	1
BV EI 304 2992	230	1-5	1 x 24	108	7-9	1 x 41.7	1

2.1 VA ta 70 °C/F

Frame size/Core height
**BV EI 304 /
15.5 mm**

inherently
short-circuit-
proof



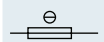
no load power loss
type. 0.7 W

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 304 2080	230	1-5	1 x 6	350	7-9	1 x 10.5	1
BV EI 304 2085	230	1-5	2 x 6	175	6-7/9-10	2 x 11.2	2
BV EI 304 2889	230	1-5	1 x 7.5	280	7-9	1 x 13.7	1
BV EI 304 2773	230	1-5	2 x 7.5	140	6-7/9-10	2 x 14.2	2
BV EI 304 2081	230	1-5	1 x 9	234	7-9	1 x 16.0	1
BV EI 304 2086	230	1-5	2 x 9	117	6-7/9-10	2 x 16.2	2
BV EI 304 2082	230	1-5	1 x 12	175	7-9	1 x 21.5	1
BV EI 304 2087	230	1-5	2 x 12	88	6-7/9-10	2 x 22.0	2
BV EI 304 2083	230	1-5	1 x 15	140	7-9	1 x 26.5	1
BV EI 304 2084	230	1-5	1 x 18	117	7-9	1 x 30.0	1
BV EI 304 2843	230	1-5	1 x 21	100	7-9	1 x 33.4	1
BV EI 304 2868	230	1-5	1 x 24	88	7-9	1 x 37.3	1

2.4 VA ta 70 °C/F

Frame size/Core height
**BV EI 304 /
15.5 mm**

non inherently
short-circuit-
proof
with thermo-fuse



no load power loss
type. 1.0 W

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 304 7041	230	1-5	1 x 6	400	7-9	1 x 10.6	3
BV EI 304 7042	230	1-5	2 x 6	200	6-7/9-10	2 x 10.1	4
BV EI 304 7043	230	1-5	1 x 7.5	320	7-9	1 x 13.2	3
BV EI 304 7044	230	1-5	2 x 7.5	160	6-7/9-10	2 x 13.2	4
BV EI 304 7045	230	1-5	1 x 9	266	7-9	1 x 16.3	3
BV EI 304 7046	230	1-5	2 x 9	133	6-7/9-10	2 x 16.9	4
BV EI 304 7047	230	1-5	1 x 12	200	7-9	1 x 21.8	3
BV EI 304 7048	230	1-5	2 x 12	100	6-7/9-10	2 x 21.8	4
BV EI 304 7049	230	1-5	1 x 15	160	7-9	1 x 26.7	3
BV EI 304 7095	230	1-5	2 x 15	80	6-7/9-10	2 x 24.7	4
BV EI 304 7050	230	1-5	1 x 18	133	7-9	1 x 32.6	3
BV EI 304 7051	230	1-5	1 x 21	114	7-9	1 x 37.2	3
BV EI 304 7052	230	1-5	1 x 24	100	7-9	1 x 42.3	3