
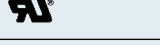


	DIN EN 61558-2-6	VDE	115801/124257
	DIN EN 60 335-1	VDE	102961/84814
	UL 5085-3	UL	E177280
	UL 5085-1	UL	E98173
	C22.2	CSA	99204



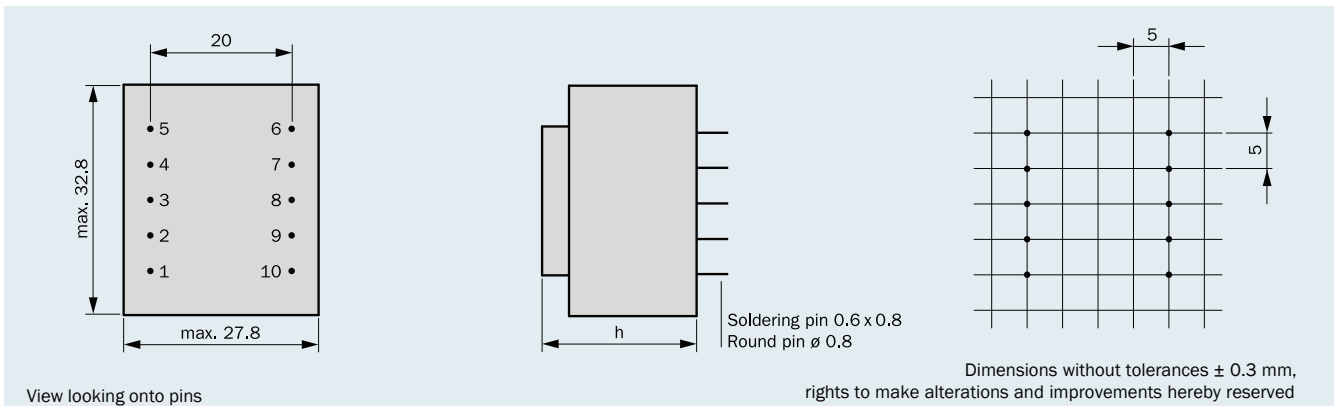
- according to REACH regulation
- according to RoHs regulation

- 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

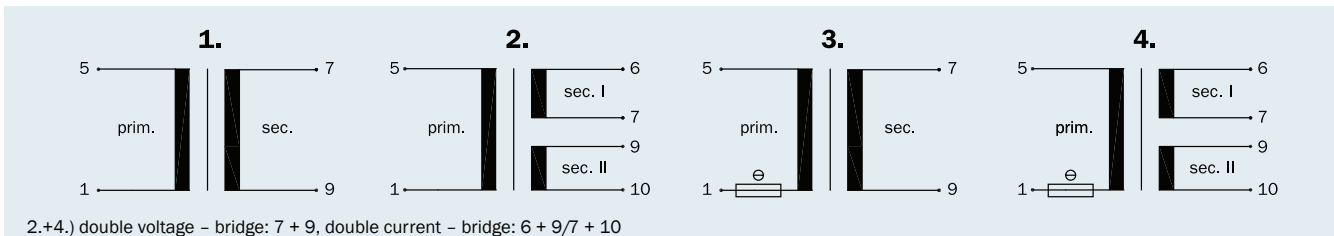
Several hundreds of types provide safety and long service-life for printed circuit boards, household appliances, leisure electronics, heating and control technology as well as in assembly techniques. Transformers for special requirements with lower open-circuit (no-load) loss capacity are also available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

0.5 VA ta 70 °C/F

Frame size/Core height
**BV EI 301.... /
5.5 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 301 3005	230	1-5	1 x 6	83	7-9	1 x 10.2	1
BV EI 301 3538	230	1-5	2 x 6	41	6-7/9-10	2 x 10.1	2
BV EI 301 3017	230	1-5	1 x 7.5	67	7-9	1 x 12.2	1
BV EI 301 3970	230	1-5	2 x 7.5	33	6-7/9-10	2 x 11.7	2
BV EI 301 2911	230	1-5	1 x 9	56	7-9	1 x 14.7	1
BV EI 301 3172	230	1-5	2 x 9	28	6-7/9-10	2 x 13.3	2
BV EI 301 2824	230	1-5	1 x 12	42	7-9	1 x 18.0	1
BV EI 301 3971	230	1-5	2 x 12	21	6-7/9-10	2 x 18.7	2
BV EI 301 2845	230	1-5	1 x 15	33	7-9	1 x 22.8	1
BV EI 301 2741	230	1-5	2 x 15	17	6-7/9-10	2 x 23.3	2
BV EI 301 2967	230	1-5	1 x 18	28	7-9	1 x 26.0	1
BV EI 301 3020	230	1-5	1 x 21	24	7-9	1 x 30.6	1
BV EI 301 2807	230	1-5	1 x 24	21	7-9	1 x 35.5	1

0.7 VA ta 70 °C/F

Frame size/Core height
**BV EI 301.... /
5.5 mm**

inherently
short-circuit-
proof



no load power loss
type. 2.3 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 301 3582	230	1-5	1 x 6	117	7-9	1 x 10.3	1
BV EI 301 3583	230	1-5	2 x 6	58	6-7/9-10	2 x 10.5	2
BV EI 301 3584	230	1-5	1 x 7.5	94	7-9	1 x 12.7	1
BV EI 301 3585	230	1-5	2 x 7.5	47	6-7/9-10	2 x 12.7	2
BV EI 301 3586	230	1-5	1 x 9	78	7-9	1 x 14.6	1
BV EI 301 3587	230	1-5	2 x 9	39	6-7/9-10	2 x 14.6	2
BV EI 301 3588	230	1-5	1 x 12	58	7-9	1 x 19.5	1
BV EI 301 3589	230	1-5	2 x 12	29	6-7/9-10	2 x 19.5	2
BV EI 301 3590	230	1-5	1 x 15	47	7-9	1 x 24.5	1
BV EI 301 3591	230	1-5	2 x 15	23	6-7/9-10	2 x 24.5	2
BV EI 301 3592	230	1-5	1 x 18	39	7-9	1 x 28.3	1
BV EI 301 3593	230	1-5	1 x 21	33	7-9	1 x 32.9	1
BV EI 301 3594	230	1-5	1 x 24	29	7-9	1 x 37.8	1

0.65 VA ta 70 °C/F

Frame size/Core height
**BV EI 301.... /
5.5 mm**

non inherently
short-circuit-
proof
with thermo-fuse



no load power loss
type. 2.3 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 301 7002	230	1-5	1 x 6	108	7-9	1 x 10.5	3
BV EI 301 7003	230	1-5	2 x 6	54	6-7/9-10	2 x 10.5	4
BV EI 301 7004	230	1-5	1 x 7.5	87	7-9	1 x 13.0	3
BV EI 301 7005	230	1-5	2 x 7.5	43	6-7/9-10	2 x 13.0	4
BV EI 301 7006	230	1-5	1 x 9	72	7-9	1 x 15.4	3
BV EI 301 7007	230	1-5	2 x 9	36	6-7/9-10	2 x 15.4	4
BV EI 301 7008	230	1-5	1 x 12	54	7-9	1 x 20.4	3
BV EI 301 7009	230	1-5	2 x 12	27	6-7/9-10	2 x 20.4	4
BV EI 301 7010	230	1-5	1 x 15	43	7-9	1 x 24.9	3
BV EI 301 7011	230	1-5	2 x 15	21	6-7/9-10	2 x 24.9	4
BV EI 301 7012	230	1-5	1 x 18	36	7-9	1 x 30.1	3
BV EI 301 7013	230	1-5	1 x 21	31	7-9	1 x 35.1	3
BV EI 301 7014	230	1-5	1 x 24	27	7-9	1 x 40.0	3