
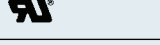


	<b>DIN EN 61558-2-6</b>	<b>VDE</b>	115801/124257
	<b>DIN EN 60 335-1</b>	<b>VDE</b>	102961/84814
	<b>UL 5085-3</b>	<b>UL</b>	E177280
	<b>UL 5085-1</b>	<b>UL</b>	E98173
	<b>C22.2</b>	<b>CSA</b>	99204



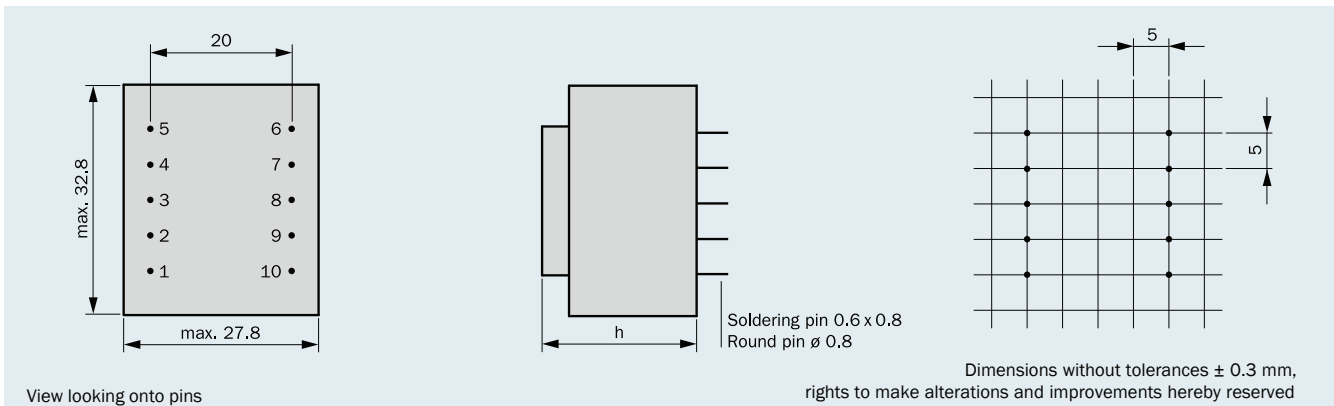
- according to REACH regulation  
- according to RoHs regulation

- 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

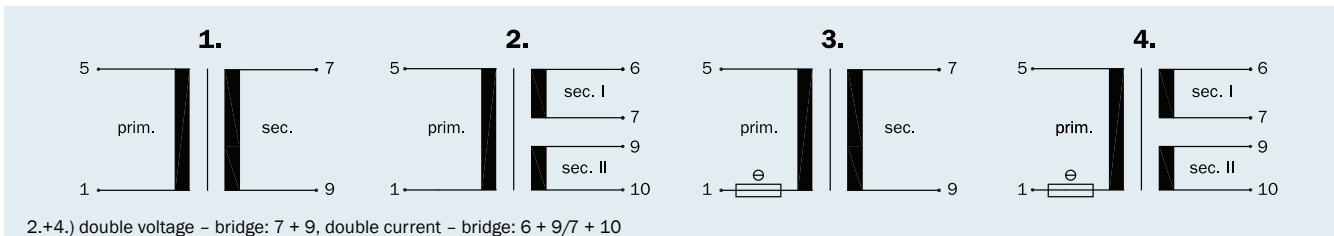
Several hundreds of types provide safety and long service-life for printed circuit boards, household appliances, leisure electronics, heating and control technology as well as in assembly techniques. Transformers for special requirements with lower open-circuit (no-load) loss capacity are also available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

### 3.0 VA ta 40°C/F

Frame size/Core height  
**BV EI 305.... /  
18.0 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 305 2050	230	1-5	1 x 6	500	7-9	1 x 10.7	1
BV EI 305 2055	230	1-5	2 x 6	250	6-7/9-10	2 x 10.7	2
BV EI 305 3565	230	1-5	1 x 7.5	400	7-9	1 x 13.7	1
BV EI 305 2922	230	1-5	2 x 7.5	200	6-7/9-10	2 x 13.7	2
BV EI 305 2051	230	1-5	1 x 9	334	7-9	1 x 17.3	1
BV EI 305 2056	230	1-5	2 x 9	167	6-7/9-10	2 x 15.7	2
BV EI 305 2052	230	1-5	1 x 12	250	7-9	1 x 20.3	1
BV EI 305 2057	230	1-5	2 x 12	125	6-7/9-10	2 x 20.3	2
BV EI 305 2053	230	1-5	1 x 15	200	7-9	1 x 26.7	1
BV EI 305 2054	230	1-5	1 x 18	167	7-9	1 x 32.5	1
BV EI 305 2188	230	1-5	1 x 21	143	7-9	1 x 35.7	1
BV EI 305 2993	230	1-5	1 x 24	125	7-9	1 x 42.0	1

### 2.3 VA ta 70°C/F

Frame size/Core height  
**BV EI 305.... /  
18.0 mm**

inherently  
short-circuit-  
proof



no load power loss  
**type. 0.8 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 305 2878	230	1-5	1 x 6	383	7-9	1 x 11.6	1
BV EI 305 2882	230	1-5	2 x 6	192	6-7/9-10	2 x 10.9	2
BV EI 305 2893	230	1-5	1 x 7.5	307	7-9	1 x 15.2	1
BV EI 305 2894	230	1-5	2 x 7.5	153	6-7/9-10	2 x 13.0	2
BV EI 305 2879	230	1-5	1 x 9	255	7-9	1 x 17.6	1
BV EI 305 2866	230	1-5	2 x 9	127	6-7/9-10	2 x 16.1	2
BV EI 305 2800	230	1-5	1 x 12	192	7-9	1 x 21.4	1
BV EI 305 2847	230	1-5	2 x 12	96	6-7/9-10	2 x 21.5	2
BV EI 305 2805	230	1-5	1 x 15	153	7-9	1 x 28.2	1
BV EI 305 2844	230	1-5	2 x 15	76	6-7/9-10	2 x 24.5	2
BV EI 305 2851	230	1-5	1 x 18	128	7-9	1 x 32.4	1
BV EI 305 2772	230	1-5	1 x 21	110	7-9	1 x 38.4	1
BV EI 305 2874	230	1-5	1 x 24	96	7-9	1 x 45.4	1

### 2.7 VA ta 70°C/F

Frame size/Core height  
**BV EI 305.... /  
18.0 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 305 7053	230	1-5	1 x 6	450	7-9	1 x 10.9	3
BV EI 305 7054	230	1-5	2 x 6	225	6-7/9-10	2 x 10.3	4
BV EI 305 7055	230	1-5	1 x 7.5	360	7-9	1 x 13.7	3
BV EI 305 7056	230	1-5	2 x 7.5	180	6-7/9-10	2 x 13.4	4
BV EI 305 7057	230	1-5	1 x 9	300	7-9	1 x 16.2	3
BV EI 305 7058	230	1-5	2 x 9	150	6-7/9-10	2 x 16.8	4
BV EI 305 7059	230	1-5	1 x 12	225	7-9	1 x 20.7	3
BV EI 305 7060	230	1-5	2 x 12	112	6-7/9-10	2 x 22.1	4
BV EI 305 7061	230	1-5	1 x 15	180	7-9	1 x 26.6	3
BV EI 305 7062	230	1-5	2 x 15	90	6-7/9-10	2 x 24.6	4
BV EI 305 7063	230	1-5	1 x 18	150	7-9	1 x 33.0	3
BV EI 305 7064	230	1-5	1 x 21	128	7-9	1 x 37.6	3
BV EI 305 7065	230	1-5	1 x 24	112	7-9	1 x 42.9	3