



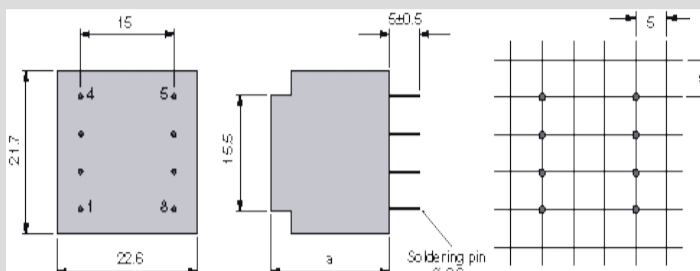
Product summary
Printed Circuit-Board transformers
Frame size BV 20
Frame size EI 30
Frame size EI 34
Frame size EI 38
Frame size EI 42
Frame size EI 48
Frame size EI 54
Frame size EI 60
Frame size EI 66
Frame size EI 78-EI 96
Frame size EI 78
Frame size EI 84
Frame size EI 96
Flat-type transformers
Standard converter
Mains chokes (PFC)
RAST 5 transformers
SMPS transformers
Special solutions / customized versions
Transformer for Top-Hat-Rail Fixtures
Non-encapsulated transformers
Fine-wire-coils
Electrical Power Supply Facilities
Compact power supply units
Energy storage choke
Toroidal transformers
Ignition transformers / Electric ignition devices
Product search
Catalog

BV 20 Printed-Circuit-Board transformers, output capacity: 0.35 VA - 0.5 VA

Its small size makes BV 20 an ideal solution for appliance manufacturers demanding the smallest size possible, yet fulfilling the highest demands on quality and capacity.



- high capacity from 0.35 to 0.5 VA
- secondary voltage 6 V to 24 V or 2 x 6 V to 2 x 24 V respectively
- minimum size
- with ENEC 10-, VDE, UL- and CSA-mark
- vacuum casted, two chambers
- temperature class ta 70°C/B
- maximum safety and long-term durability
- individually tested with certificate
- excellent reaction to temperature changes
- self-extinguishing cast housing and sealing material



Frame size/Core height	Output ta 70°C/B	Size(h)	Weight	Packaging unit (pieces)
BV 201 / 6mm	0,35 VA	15 mm	0.025 kg	176
BV 202 / 10mm	0,50 VA	19 mm	0.035 kg	88

The BV 20 with insulation class B properties is especially suitable for printed circuit boards, Computer processors, other electronic applications, domestic appliances, telecommunications, lighting and photo technologies.

Particularly in regard to competitiveness on international markets and the product liability of manufacturers, the BV 20 offers users the greatest functional electrical safety and long-life service by reason of its superior quality for their products.

Serial-Types:

Size 1 a: 15 mm height Type BV 201... 0.35 VA

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0128	0.35	1x 230	1-4	1x 6	58	6-7 1x 10
display	BV 201 0135	0.35	1x 230	1-4	1x 24	15	6-7 1x 36.8
display	BV 201 0136	0.35	1x 230	1-4	1x 9	39	6-7 1x 14.4
display	BV 201 0142	0.35	1x 230	1-4	2x 6	29	5-6/7-8 2x 10.4
display	BV 201 0143	0.35	1x 230	1-4	1x 7.5	47	6-7 1x 12.6
display	BV 201 0144	0.35	1x 230	1-4	2x 9	19	5-6/7-8 2x 16
display	BV 201 0145	0.35	1x 230	1-4	1x 12	29	6-7 1x 20.8
display	BV 201 0146	0.35	1x 230	1-4	2x 12	15	5-6/7-8 2x 19.7
display	BV 201 0147	0.35	1x 230	1-4	1x 15	23	6-7 1x 26.1
display	BV 201 0148	0.35	1x 230	1-4	2x 15	12	5-6/7-8 2x 25
display	BV 201 0149	0.35	1x 230	1-4	1x 18	19	6-7 1x 30.4
display	BV 201 0150	0.35	1x 230	1-4	1x 21	17	6-7 1x 36

Size 2 a: 19 mm height Type BV 202... 0.50 VA

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 202 0154	0.5	1x 230	1-4	1x 6	83	6-7 1x 10.2
display	BV 202 0155	0.5	1x 230	1-4	2x 6	42	5-6/7-8 2x 10.2
display	BV 202 0156	0.5	1x 230	1-4	1x 7.5	67	6-7 1x 12.8
display	BV 202 0157	0.5	1x 230	1-4	1x 9	55	6-7 1x 14.5
display	BV 202 0158	0.5	1x 230	1-4	2x 9	28	5-6/7-8 2x 14.5
display	BV 202 0159	0.5	1x 230	1-4	1x 12	42	6-7 1x 20.6
display	BV 202 0160	0.5	1x 230	1-4	2x 12	21	5-6/7-8 2x 20.6
display	BV 202 0161	0.5	1x 230	1-4	1x 15	33	6-7 1x 25.9
display	BV 202 0162	0.5	1x 230	1-4	1x 18	28	6-7 1x 30.3
display	BV 202 0163	0.5	1x 230	1-4	1x 21	24	6-7 1x 36.2
display	BV 202 0164	0.5	1x 230	1-4	1x 24	21	6-7 1x 41.2

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Non-Serial types

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0106	0.35	1x 12	1-4	1x 6	58	6-7 1x 10.1
display	BV 201 0107	0.35	1x 12	1-4	1x 24	15	6-7 1x 36.7
display	BV 201 0108	0.35	1x 12	1-4	2x 9	19	5-6/7-8 2x 16
display	BV 201 0129	0.35	1x 12	1-4	1x 12	29	6-7 1x 20.3

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0109	0.35	1x 24	1-4	1x 12	19	6-7 1x 20.3
display	BV 201 0110	0.35	1x 24	1-4	2x 12	15	5-6/7-8 2x 19.7

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0111	0.35	1x 110	1-4	1x 12	29	6-7 1x 20.5
display	BV 201 0112	0.35	1x 110	1-4	1x 15	23	6-7 1x 26.6
display	BV 201 0113	0.35	1x 110	1-4	1x 24	15	6-7 1x 36.8
display	BV 201 0124	0.35	1x 110	1-4	1x 6	58	6-7 1x 10.1
display	BV 201 0125	0.35	1x 110	1-4	2x 6	29	5-6/7-8 2x 10.4

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0141	0.35	1x 120	1-4	1x 6	58	6-7 1x 10.1

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 201 0127	0.35	1x 240	1-4	1x 6	58	6-7 1x 10.1
display	BV 201 0133	0.35	1x 240	1-4	1x 12	29	6-7 1x 20.8
display	BV 201 0138	0.35	1x 240	1-4	1x 15	23	6-7 1x 26.5
display	BV 201 0140	0.35	1x 240	1-4	1x 18	19	6-7 1x 30
display	BV 201 0151	0.35	1x 240	1-4	1x 9	39	6-7 1x 14.4

data sheet	article no.	power VA	primary voltage V	connecting pins prim.	secondary voltage V	current sec. mA	connecting pins sek.
display	BV 202 0168	0.35	1x 400	1-4	1x 6	58	6-7 1x 8.8
display	BV 202 0169	0.35	1x 400	1-4	2x 6	29	5-6/7-8 2x 8.8
display	BV 202 0170	0.35	1x 400	1-4	1x 7.5	47	6-7 1x 11
display	BV 202 0171	0.35	1x 400	1-4	1x 9	39	6-7 1x 12.9
display	BV 202 0172	0.35	1x 400	1-4	2x 9	19	5-6/7-8 2x 13.1
display	BV 202 0173	0.35	1x 400	1-4	2x 12	15	5-6/7-8 2x 17.3
display	BV 202 0174	0.35	1x 400	1-4	1x 15	23	6-7 1x 21.5
display	BV 202 0175	0.35	1x 400	1-4	1x 18	23	6-7 1x 26.3
display	BV 202 0176	0.35	1x 400	1-4	1x 24	14	6-7 1x 34.5

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