

New products



Auto transformers

From
£17.80



See page 732



Isolation transformers
From
£55.81



See page 732



Control Panel Transformers
From
£14.20



See page 728



Split core AC current sensors

From **£12.47**



See page 726



18in Rogowski coil

See page 727

Only **£115.32**



Solid core current transformer

From
£18.70



See page 727

Associated products



Potting boxes

From
£0.06



See page 738



ABS Boxes finished in black

See page 740

From **£0.7592**



Electronics side cutters

From
£1.82



See page 800



Automatic wire stripper

From
£5.40



See page 809



VDE Approved insulated screwdrivers

Only
£0.97



See page 814



31-piece precision ratchet screwdriver set

Only **£6.07**



See page 820

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Pulse transformers



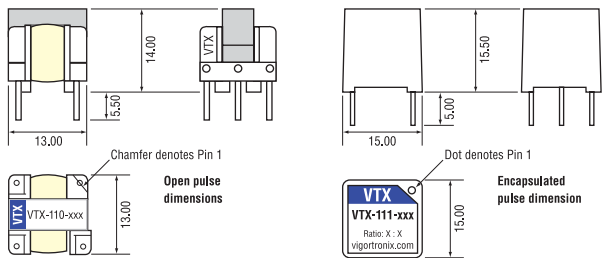
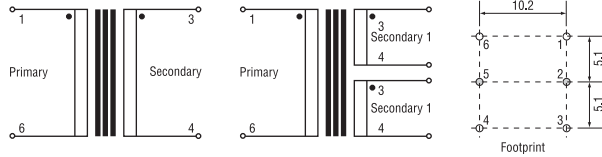
Pulse transformer

A range of pulse transformers designed for wide band and general pulse applications. They are ideal for triac and thyristor control systems.

- Open or encapsulated PCB mounting
- Designed for wide band and general pulse applications
- Ideal for Triac and Thyristor control systems
- Max pulse current 200mA (peak)
- Please see technical specification for open or closed order code numbers



VTX Pulse range



Technical specification

Mfrs. Part No.	Ratio	Isolation Volts	Order code
VTX-110-004 open type	1:1,	2.8KV AC	88-2126
VTX-111-004 closed type	1:1,	2.8KV AC	88-2127
VTX-110-006 open type	1:1+1	2.8KV AC	88-2128
VTX-110-008 open type	2:1+1	2.8KV AC	88-2130
VTX-110-010 open type	2:1,	2.8KV AC	88-2132
VTX-111-042 closed type	1:1,	5KV AC	88-2135
VTX-111-045 closed type	2:1,	5KV AC	88-2136

Type	Order code	1+	10+	20+	100+
VTX-110-004	88-2126	2.40	1.85	1.65	1.50
VTX-111-004	88-2127	2.65	2.05	1.85	1.70
VTX-110-006	88-2128	2.50	1.95	1.75	1.60
VTX-110-008	88-2130	2.50	1.95	1.75	1.60
VTX-110-010	88-2132	2.40	1.85	1.65	1.50
VTX-111-042	88-2135	2.80	2.20	1.95	1.80
VTX-111-045	88-2136	2.80	2.20	1.95	1.80

Split-core current transformers 'sense' AC current from 1A to 3000 amps passing through the centre conductor. Split-core transformers are ideal for installation on existing electrical wiring by snapping around the conductor and are immediately effective once in place.

The Magnelab SCT series have one of the highest industry standards both for interleaving joints and the self-locking mechanism.

- Operates from 50Hz to 400Hz
- Rated input from 1A to 3000A
- Phase angle
- 0.333V AC output at rated current
- 8ft. twisted-pair lead
- Accuracy ±1%
- Accuracy at 10% to 130% of rated current
- Custom output and other parameters are available
- UL approved

Technical specification

SCT-0750-000 0.75" NO BURDEN RESISTOR	88-4000
SCT-0750-005 5A	88-4001
SCT-0750-010 10A	88-4002
SCT-0750-015 15A	88-4003
SCT-0750-020 20A	88-4004
SCT-0750-025 25A	88-4005
SCT-0750-030 30A	88-4006
SCT-0750-050 50A	88-4007
SCT-0750-060 60A	88-4008
SCT-0750-070 70A	88-4009
SCT-0750-100 100A	88-4010
SCT-0750-150 150A	88-4011
SCT-0750-200 200A	88-4012
SCT-0400-000 0.4" NO BURDEN RESISTOR	88-4013
SCT-0400-005 5A	88-4014
SCT-0400-010 10A	88-4015
SCT-0400-015 15A	88-4016
SCT-0400-020 20A	88-4017
SCT-0400-025 25A	88-4018
SCT-0400-030 30A	88-4019
SCT-0400-050 50A	88-4020
SCT-1250-000 1.25" NO BURDEN RESISTOR	88-4021
SCT-1250-050 50A	88-4022
SCT-1250-070 70A	88-4023
SCT-1250-100 100A	88-4024
SCT-1250-150 150A	88-4025
SCT-1250-200 200A	88-4026
SCT-1250-250 250A	88-4027
SCT-1250-300 300A	88-4028
SCT-1250-400 400A	88-4029
SCT-1250-600 600A	88-4030
SCT-2000-000 2" NO BURDEN RESISTOR	88-4031
SCT-2000-100 100A	88-4032
SCT-2000-200 200A	88-4033
SCT-2000-300 300A	88-4034
SCT-2000-400 400A	88-4035
SCT-2000-600 600A	88-4036
SCT-2000-800 800A	88-4037
SCT-2000-1000 1000A	88-4038
SCT-2000-1200 1200A	88-4039
SCT-2000-1500 1500A	88-4040
SCT-3000-000 3" NO BURDEN RESISTOR	88-4041
SCT-3000-400 400A	88-4042
SCT-3000-600 600A	88-4043
SCT-3000-800 800A	88-4044
SCT-3000-1000 1000A	88-4045
SCT-3000-1200 1200A	88-4046
SCT-3000-1500 1500A	88-4047
SCT-3000-2000 2000A	88-4048
SCT-3000-2500 2500A	88-4049
SCT-3000-3000 3000A	88-4050

Type	Order code	1+
0.75"		
0.75" No burden resistor	88-4000	28.05
0.75" 5A	88-4001	28.05
0.75" 10A	88-4002	28.05
0.75" 15A	88-4003	28.05
0.75" 20A	88-4004	28.05
0.75" 25A	88-4005	28.05
0.75" 30A	88-4006	28.05
0.75" 50A	88-4007	28.05
0.75" 60A	88-4008	28.05
0.75" 70A	88-4009	28.05
0.75" 100A	88-4010	28.05
0.75" 150A	88-4011	28.05
0.75" 200A	88-4012	28.05
0.4"		
0.4" No burden resistor	88-4013	12.47
0.4" 5A	88-4014	12.47
0.4" 10A	88-4015	12.47
0.4" 15A	88-4016	12.47
0.4" 20A	88-4017	12.47
0.4" 25A	88-4018	12.47
0.4" 30A	88-4019	12.47
0.4" 50A	88-4020	12.47
1.25"		
1.25" No resistor burden	88-4021	34.28
1.25" 50A	88-4022	34.28
1.25" 70A	88-4023	34.28
1.25" 100A	88-4024	34.28
1.25" 150A	88-4025	34.28
1.25" 200A	88-4026	34.28
1.25" 250A	88-4027	34.28
1.25" 300A	88-4028	34.28
1.25" 400A	88-4029	34.28
1.25" 600A	88-4030	34.28



1:1 Miniature pulse transformer

This miniature pulse transformer is ideal for use for line coupling, matching or isolating.

- Operating temperature 0°C to 70°C
- Isolation voltage 500V
- Various winding ratios
- Vigotronix part No. VTX 111-601



Technical specification

Turns ratio (PRI:SEC), +/-%	1.1
Primary inductance (Min)	495µH
Primary ET constant (Min)	8.5µs
Leakage inductance (Max)	0.3µH
Interwinding capacitance (Max)	20pF
DC Resistance	0.3Ω

Type	Order code	1+	10+	100+
Mini pulse transformer	88-2423	1.95	1.73	1.59

Current transformers

Manutech Split core AC current sensors



The split core current transformer is designed for efficiency energy monitoring and ease of application. This includes cost allocation, dynamic consumption and peak load analysis. The SCT series of the AC current transformer is simple to use and compact for metering application. This is ideal for distributed measurement systems and can be retrofitted into active installations without the hassle of removing existing cables.

New products

THOUSANDS of new products now available

2"		
2" No burden resistor	88-4031	46.75
2" 100A	88-4032	46.75
2" 200A	88-4033	46.75
2" 300A	88-4034	46.75
2" 400A	88-4035	46.75
2" 600A	88-4036	46.75
2" 800A	88-4037	46.75
2" 1000A	88-4038	46.75
2" 1200A	88-4039	46.75
2" 1500A	88-4040	46.75
3"		
3" No burden resistor	88-4041	77.92
3" 400A	88-4042	77.92
3" 600A	88-4043	77.92
3" 800A	88-4044	77.92
3" 1000A	88-4045	77.92
3" 1200A	88-4046	77.92
3" 1500A	88-4047	77.92
3" 2000A	88-4048	77.92
3" 2500A	88-4049	77.92
3" 3000A	88-4050	77.92

MagneLab Part No.	Rating	Order code
UCT-1250-070	1.25" NO BURDEN RESISTANCE	88-4077
UCT-1250-100	100A	88-4078
UCT-1250-150	150A	88-4079
UCT-1250-200	200A	88-4080
UCT-1250-250	250A	88-4081
UCT-1250-300	300A	88-4082
UCT-1250-400	400A	88-4083

Type	Order code	1+
0.3"		
0.3" No burden resistor	88-4051	18.70
0.3" SA	88-4052	18.70
0.3" 10A	88-4053	18.70
0.3" 15A	88-4054	18.70
0.3" 20A	88-4055	18.70
0.3" 30A	88-4056	18.70
0.5"		
0.5" No burden resistor	88-4057	21.82
0.5" 10A	88-4058	21.82
0.5" 15A	88-4059	21.82
0.5" 20A	88-4060	21.82
0.5" 30A	88-4061	21.82
0.5" 50A	88-4062	21.82
0.5" 60A	88-4063	21.82
0.75"		
0.75" No burden resistor	88-4064	24.93
0.75" 15A	88-4065	24.93
0.75" 20A	88-4066	24.93
0.75" 30A	88-4067	24.93
0.75" 50A	88-4068	24.93
0.75" 70A	88-4069	24.93
0.75" 100A	88-4070	24.93
1"		
1" No burden resistor	88-4071	28.05
1" SOA	88-4072	28.05
1" 70A	88-4073	28.05
1" 100A	88-4074	28.05
1" 150A	88-4075	28.05
1" 200A	88-4076	28.05
1.25"		
1.25" 70A	88-4077	31.17
1.25" 100A	88-4078	31.17
1.25" 150A	88-4079	31.17
1.25" 200A	88-4080	31.17
1.25" 250A	88-4081	31.17
1.25" 300A	88-4082	31.17
1.25" 400A	88-4083	31.17

software specially designed for this purpose. A permanent record can be stored to assist future trending analysis.

- Rated input from 500A to 5000A
- Phase angle
- Output of 0.333V AC at rated current
- 4ft. Insulated leads
- Accuracy ±1%
- Accuracy at 10% to 300% of rated current
- Custom output and other parameters are available
- Integrator requires 12 to 30V AC or DC power supply
- UL recognised

MagneLab Part No.	Rating	Order code
RCT-1800-0500	18" 500A	88-4084
RCT-1800-1000	18" 1000A	88-4085
RCT-1800-2000	18" 2000A	88-4086
RCT-1800-3000	18" 3000A	88-4087
RCT-1800-4000	18" 4000A	88-4088
RCT-1800-5000	18" 5000A	88-4089

Type	Order code	1+
24" 500A	88-4084	115.32
24" 1000A	88-4085	115.32
24" 2000A	88-4086	115.32
24" 3000A	88-4087	115.32
24" 4000A	88-4088	115.32
24" 5000A	88-4089	115.32

Manutech
Solid core current transformer



MagneLab are pleased to offer a series of AC current sensors with five different internal diameters each with a diverse range of current ratings. All UCT models offer better than one percent accuracy and less than one degree phase angle. Solid core Current Transformers (UCTs) devices slip over the power lines and measure the electrical current flowing through the line. The UCT secondary wires connect to the meter, facilitating power and energy calculations.

Solid core CTs are very accurate, small in size, and inexpensive. Output is controlled by a precision resistor fixed at the industry standard of 0.333V AC. Their rugged epoxy encapsulated construction comes with eight feet of twisted leads. These products require power isolation before they can slipped over the power cable application. Installation is generally straightforward and usually only takes a minute or two to install each transformer.

- Rated input current from 5A to 400A
- 0.333V AC output at rated current
- Phase angle
- Accuracy ±1%
- Accuracy at 10% to 130% of rated current
- 8ft. twisted-pair lead
- Custom output and other parameters are available
- UL recognised

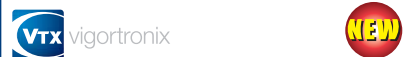
MagneLab Part No.	Rating	Order code
UCT-0300-000	0.3" NO BURDEN RESISTANCE	88-4051
UCT-0300-005	SA	88-4052
UCT-0300-010	10A	88-4053
UCT-0300-015	15A	88-4054
UCT-0300-020	20A	88-4055
UCT-0300-030	30A	88-4056
UCT-0500-000	0.5" NO BURDEN RESISTANCE	88-4057
UCT-0500-010	10A	88-4058
UCT-0500-015	15A	88-4059
UCT-0500-020	20A	88-4060
UCT-0500-030	30A	88-4061
UCT-0500-050	50A	88-4062
UCT-0500-060	60A	88-4063
UCT-0750-000	0.75" NO BURDEN RESISTANCE	88-4064
UCT-0750-015	15A	88-4065
UCT-0750-020	20A	88-4066
UCT-0750-030	30A	88-4067
UCT-0750-050	50A	88-4068
UCT-0750-070	70A	88-4069
UCT-0750-100	100A	88-4070
UCT-1000-000	1" NO BURDEN RESISTANCE	88-4071
UCT-1000-050	50A	88-4072
UCT-1000-070	70A	88-4073
UCT-1000-100	100A	88-4074
UCT-1000-150	150A	88-4075
UCT-1000-200	200A	88-4076

Manutech
18" Rogowski coil



MagneLab bring their innovative 18 inch flexible Rogowski rope CT coil (RCT) with a range of current ratings up to 5000A. The Rogowski coil is a transducer used for measurement of the high frequency current pulses generated by partial discharge activity in the stator insulation structure. The design and termination of the Rogowski coil are such that it acts as a current transformer at high frequencies but has very low sensitivity to power frequency current. The high frequency current pulses are significantly attenuated whilst travelling through the stator winding and associated cable system. It is therefore desirable that the Rogowski coil be located as near as possible to the source of the discharges, i.e. as near as possible to the H.V. terminal of the phase winding. The coil opens at the connector junction and can be installed on an existing cable or buss-bar in a matter of seconds.

The low-level signals, which are output from the Rogowski coil, are routed to a high-gain integrator amplifier which has an appropriate frequency characteristic to accept the discharge pulse spectrum but rejects the power frequency and the harmonics associated with the machine operation. The discharge signal pattern can then be captured on a digital recorder, together with the power frequency phase voltage waveform. Subsequent computer assisted analysis can be carried out using



PCB Mount miniature precision current transformer

This current transformer has been designed for use on a printed circuit board (PCB).

- Miniature precision current transformer
- Built-in Busbar
- Range of operational frequency 20Hz to 20kHz
- Isolation voltage: 2000V AC
- Various winding ratios
- Materials UL94-V0
- Insulation Rating Class F (155°C)



Vigortronix part	Input current	Resistor
VTX-151-1015	100mA	2500
0.625V	>2000V AC	

Type	Order code	1+	10+	100+
PCB Mount Transformer	88-4090	2.95	2.70	2.50

Test equipment section

Multimeters





Control Panel Transformers

A comprehensive range of control panel transformers suitable for 50/60Hz operations. The transformers provide a low cost high quality solution to various applications.

- Suitable for Primary Input Voltages of: 220V, 230V, 240V, 380V, 400V, 415V
- Multi-tapped Primary
- Earth Screen between Primary and Secondary
- Frequency 50/60Hz
- Safety Class 1
- Temperature Class: - Class B (130 OC)
- Screw terminals to IP20, (Touch Proof)
- Dielectric Strength: 3000Vrms
- Mounting Brackets to Din 41307
- Manufactured and tested in accordance to EN61558-2-2, EN60742, CE



Technical specification
 Power Range: 25 to 5000VA
 Primary Taps: 15 - 0 - 15 - 230V - 400V
 Insulation Class Class B
 Ambient Ta: 40°C
 Earth Terminal: 4mm
 IP Rating: IP00

Description	Mftrs part no.	Order code
25VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-025-024	88-5074
25VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-025-048	88-5075
25VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-025-110	88-5076
25VA Control Panel Transformer 230V (0-230V)	VTX-176-025-230	88-5077
50VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-050-024	88-5050
50VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-050-048	88-5051
50VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-050-110	88-5052
50VA Control Panel Transformer 230V (0-230V)	VTX-176-050-230	88-5053
100VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-100-024	88-5054
100VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-100-048	88-5055
100VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-100-110	88-5056
100VA Control Panel Transformer 230V (0-230V)	VTX-176-100-230	88-5057
150VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-150-024	88-5058
150VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-150-048	88-5059
150VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-150-110	88-5060
150VA Control Panel Transformer 230V (0-230V)	VTX-176-150-230	88-5061
200VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-200-024	88-5062
200VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-200-048	88-5063
200VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-200-110	88-5064
200VA Control Panel Transformer 230V (0-230V)	VTX-176-200-230	88-5065
300VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-300-024	88-5066
300VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-300-048	88-5067
300VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-300-110	88-5068
300VA Control Panel Transformer 230V (0-230V)	VTX-176-300-230	88-5069
500VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-500-024	88-5070
500VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-500-048	88-5071
500VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-500-110	88-5072
500VA Control Panel Transformer 230V (0-230V)	VTX-176-500-230	88-5073
750VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-750-024	88-5078
750VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-750-048	88-5079
750VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-750-110	88-5080
750VA Control Panel Transformer 230V (0-230V)	VTX-176-750-230	88-5081
1000VA Control Panel Transformer 24V (12V-0-12V)	VTX-176-1000-024	88-5082
1000VA Control Panel Transformer 48V (24V-0-24V)	VTX-176-1000-048	88-5083
1000VA Control Panel Transformer 110V (55V-0-55V)	VTX-176-1000-110	88-5084
1000VA Control Panel Transformer 230V (0-230V)	VTX-176-1000-230	88-5085

Type	Order code	1+	10+
25VA 24V (12V-0-12V)	88-5074	15.30	14.20
25VA 48V (24V-0-24V)	88-5075	15.30	14.20
25VA 110V (55V-0-55V)	88-5076	15.30	14.20
25VA 230V (0-230V)	88-5077	15.30	14.20
50VA 24V (12V-0-12V)	88-5050	18.50	17.10
50VA 48V (24V-0-24V)	88-5051	18.50	17.10
50VA 110V (55V-0-55V)	88-5052	18.50	17.10
50VA 230V (0-230V)	88-5053	18.50	17.10
100VA 24V (12V-0-12V)	88-5054	23.50	21.75
100VA 48V (24V-0-24V)	88-5055	23.50	21.75
100VA 110V (55V-0-55V)	88-5056	23.50	21.75
100VA 230V (0-230V)	88-5057	23.50	21.75
150VA 24V (12V-0-12V)	88-5058	29.80	27.60
150VA 48V (24V-0-24V)	88-5059	29.80	27.60
150VA 110V (55V-0-55V)	88-5060	29.80	27.60
150VA 230V (0-230V)	88-5061	29.80	27.60
200VA 24V (12V-0-12V)	88-5062	34.50	31.90
200VA 48V (24V-0-24V)	88-5063	34.50	31.90
200VA 110V (55V-0-55V)	88-5064	34.50	31.90
200VA 230V (0-230V)	88-5065	34.50	31.90
300VA 24V (12V-0-12V)	88-5066	45.30	41.50
300VA 48V (24V-0-24V)	88-5067	45.30	41.50
300VA 110V (55V-0-55V)	88-5068	45.30	41.50
300VA 230V (0-230V)	88-5069	45.30	41.50
500VA 24V (12V-0-12V)	88-5070	60.95	56.50
500VA 48V (24V-0-24V)	88-5071	60.95	56.50
500VA 110V (55V-0-55V)	88-5072	60.95	56.50
500VA 230V (0-230V)	88-5073	60.95	56.50
750VA 24V (12V-0-12V)	88-5078	82.50	75.95
750VA 48V (24V-0-24V)	88-5079	82.50	75.95
750VA 110V (55V-0-55V)	88-5080	82.50	75.95
750VA 230V (0-230V)	88-5081	82.50	75.95
1000VA 24V (12V-0-12V)	88-5082	112.00	103.00
1000VA 48V (24V-0-24V)	88-5083	112.00	103.00
1000VA 110V (55V-0-55V)	88-5084	112.00	103.00
1000VA 230V (0-230V)	88-5085	112.00	103.00

Audio transformers



PCB Audio transformer

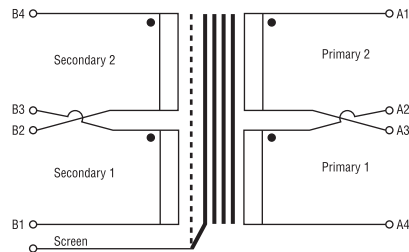
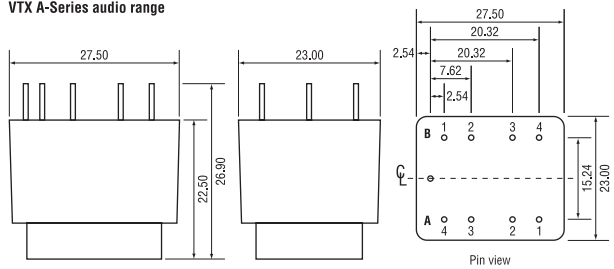
A range of high quality PCB mounting audio transformers aimed at the professional audio market. They are of various impedance configurations with good band width and low distortion characteristics for the audio industry.



The transformers are bidirectional so that an input winding can become the output winding and an output can become an input. Because of a transformer's bidirectional nature, it can provide a gain in signal level when used in one direction or a loss when used in reverse.

- High quality audio transformer
- Encapsulated PCB mounting
- Optional MU-metal can with lid to minimise external noise
- Less than 1% THD
- 30Hz to 35KHz frequency range
- RoHS compliant

VTX A-Series audio range



Technical specification

Mftrs. Part No.	Ratio	Frequency range	Isolation Volts	Order code
VTX-101-001	6.3+6.3: 1+1	30-30KHz	1KV AC	88-2120
VTX-101-002	1+1: 2+2	30-35KHz	1KV AC	88-2121
VTX-101-003	1+1: 6.45-6.45	30-25KHz	1KV AC	88-2122
VTX-101-006	1+1: 1+1	30-30KHz	1KV AC	88-2123
VTX-101-007	1+1: 1+2	30-35KHz	1KV AC	88-2124
VTX-102-002	Mu-metal screening can +lid			88-2125

Type	Order code	1+	10+	50+	100+
VIX-101-001	88-2120	8.95	7.90	7.10	6.40
VIX-101-002	88-2121	8.95	7.90	7.10	6.40
VIX-101-003	88-2122	8.95	7.90	7.10	6.40
VIX-101-006	88-2123	8.95	7.90	7.10	6.40
VIX-101-007	88-2124	8.95	7.90	7.10	6.40
MU Metal can VTX-102-002	88-2125	3.60	3.45	3.30	3.05



PCB Audio transformer - Open

A quality encapsulated miniature PCB mounting audio frequency transformer suitable for isolating and impedance matching applications. The open types are mounted by means of a clamp with spade feet which may be bent over when securing to a PCB.



- Transformer: audio, 1:1
- Impedance, primary: 800Ω
- Impedance, secondary: 800Ω
- Power rating: 2mW
- Frequency, min: 200Hz
- Frequency, max: 15kHz
- Ratio, turns: 1:1CT
- Mounting type: PCB
- Depth, external: 16mm
- Length/Height, external: 19mm
- Resistance, primary: 69Ω
- Resistance, secondary: 97Ω
- Width, external: 16mm

Technical specification					
Frequency Response	200Hz - 15kHz				
Power Rating	2mW				
D.C. Resistance Primary	69Ω				
D.C. Resistance Secondary	97Ω				
Primary Impedance	8000				

Type	Order code	1+	10+	25+	100+
VTX-100-001	88-2137	6.70	5.20	4.70	4.25



PCB Audio input transformer - Encapsulated

These quality miniature PCB mounting audio frequency transformers are suitable for isolating and impedance matching applications. The open types are mounted by means of a clamp with spade feet which may be bent over when securing to a PCB. The enclosed type is fully encapsulated in a glass filled nylon case.



- Transformer: audio, 1:1
- Impedance, primary: 600Ω
- Impedance, secondary: 600Ω
- Power rating: 2mW
- Ratio, turns: 1:1CT
- Frequency response at 2mW: 60Hz-25kHz ±0.5dB
- Frequency response at 0.2mW: 30Hz-25kHz ±0.7dB

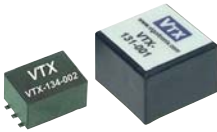
Technical specification					
Frequency Response	60Hz - 25kHz				
Power Rating	2mW				
Primary Impedance	800Ω				

Type	Order code	1+	10+	25+	100+
VTX-101-1606	88-2138	6.65	5.15	4.60	4.15
VTX-101-1604	88-2139	6.65	5.15	4.60	4.15



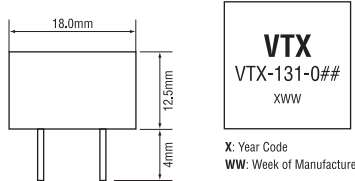
1:1 Line isolation transformer

These line transformers provide isolation between modems or similar devices and telephone lines. This transformer is designed for use in voice or data transmission circuits where the line DC is diverted from the windings by a choke or solid state device. The use of this transformer should enable the equipment it is used with to comply with the relevant requirements of BS6305.



- Ultra low profile surface mount
- Matching transformer
- Designed for use in data transmission circuits
- Available in OEP1200 and OEP8000 versions

VTX-131-0## Line isolation transformer



Technical specification

Insertion loss	1.5dB max @ 2kHz
Return loss	-20dB @ 200Hz-4kHz
Isolation longitudinal	3.54kW RMS or 5kV DC
Saturation	10V RMS 65V peak
Balance better than	80dB 200Hz-4kHz
Signal/noise ratio	>33dB
DC resistance	68 ±10% (NB. not to be tested with a DC current)

Technical specification

Rating	Dimensions(mm)	Weight(kg)		
	Width	Depth		
		Height		
3VA	38	34	30	0.13
6VA	43	36	32	0.16
12VA	54	45	39	0.31

Type	Order code	1+	10+	25+	100+
VTX-131-001	88-2140	2.95	2.75	2.45	2.20
VTX-134-002	88-2141	3.40	3.20	2.85	2.55

PCB Transformers

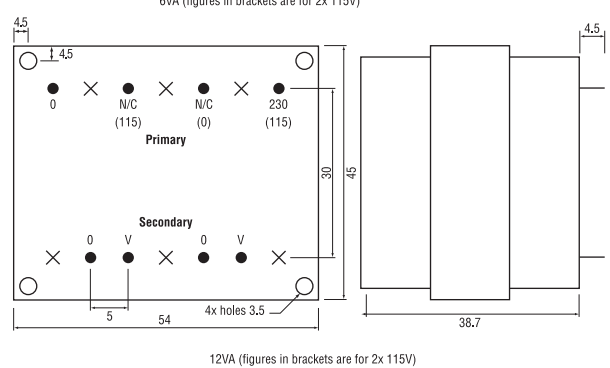
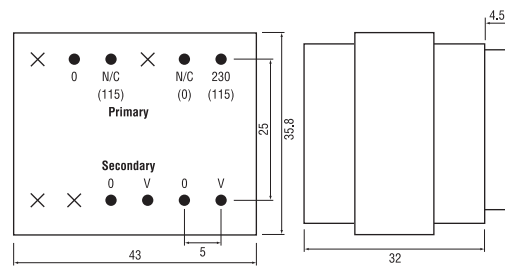
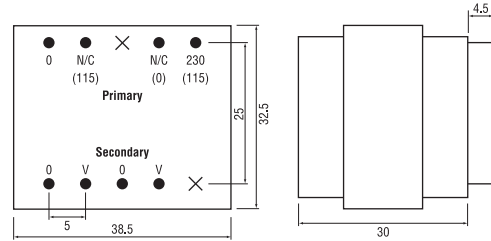


PCB Mounting transformers

A comprehensive range of PCB mounting mains transformers with a choice of single (230V) or dual (115V+115V) primary windings suitable for 50/60Hz operations and two independent secondary windings suitable for connecting in series, parallel or centre tap giving a wide range of output voltage and current combinations.



- Designed, manufactured and tested in accordance with B3535, EN60950 and EN60742 (requires additional fuse protection)
- Double section metric bobbins constructed with fully shrouded windings
- Flame retardant material to UL 94V-0



Technical specification

Rating	Dimensions(mm)	Weight(kg)		
	Width	Depth		
		Height		
3VA	38	34	30	0.13
6VA	43	36	32	0.16
12VA	54	45	39	0.31

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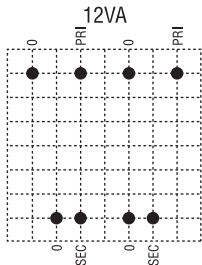
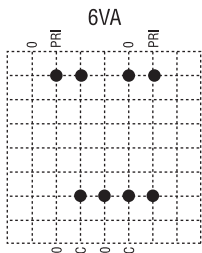
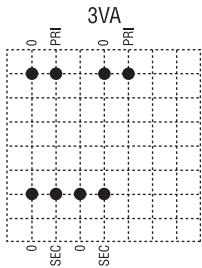
PCB Transformers - Vigortronix

This wide range of PCB mounting transformers has been designed with an output voltage from 4.5V to 24V. They are suitable for 50/60Hz operations and the two independent secondary windings are most suitable for connecting in series, parallel or centre tap giving a wide range of output voltage and current combinations.

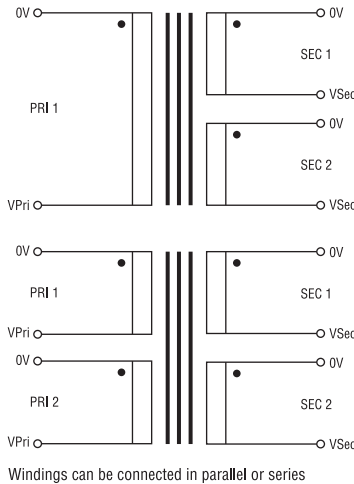
- High Quality PCB Transformer
- Available with either 230V or dual 115V input voltages
- Power: 3 to 12 VA 50/60Hz
- Temperature Class: - Class B (130°C)
- Dielectric Strength: 3750Vrms
- Manufactured and tested in accordance to EN61558, EN60950, CE



Electronic components
28
Transformers



5mm Grid pin view



Windings can be connected in parallel or series

Technical specification					
VA Rating	Part No.	Input VAC	Output VAC	Output (mA)	Order code
3	VIX-120-3803-206	230	2 x 6	250	88-3861
3	VIX-120-3803-209	230	2 x 9	166	88-3862
3	VIX-120-3803-212	230	2 x 12	125	88-3863
3	VIX-120-3803-215	230	2 x 15	100	88-3864
3	VIX-120-3803-218	230	2 x 18	83	88-3865
3	VIX-120-3803-220	230	2 x 20	75	88-3866
3	VIX-120-3803-224	230	2 x 24	63	88-3867
6	VIX-120-4206-2045	230	2 x 4.5	666	88-3868
6	VIX-120-4206-206	230	2 x 6	500	88-3869
6	VIX-120-4206-209	230	2 x 9	333	88-3870
6	VIX-120-4206-212	230	2 x 12	250	88-3871
6	VIX-120-4206-215	230	2 x 15	200	88-3872
6	VIX-120-4206-220	230	2 x 20	150	88-3874
6	VIX-120-4206-224	230	2 x 24	125	88-3875
12	VIX-120-5412-206	230	2 x 6	1000	88-3876
12	VIX-120-5412-209	230	2 x 9	666	88-3877
12	VIX-120-5412-212	230	2 x 12	500	88-3878
12	VIX-120-5412-215	230	2 x 15	400	88-3879
12	VIX-120-5412-224	230	2 x 24	250	88-3880
3	VIX-120-3803-406	2 x 115	2 x 6	250	88-3881
3	VIX-120-3803-409	2 x 115	2 x 9	166	88-3882
3	VIX-120-3803-412	2 x 115	2 x 12	125	88-3883
3	VIX-120-3803-415	2 x 115	2 x 15	100	88-3884
3	VIX-120-3803-418	2 x 115	2 x 18	83	88-3885
3	VIX-120-3803-424	2 x 115	2 x 24	63	88-3887
6	VIX-120-4206-2045	2 x 115	2 x 4.5	333	88-3888
6	VIX-120-4206-406	2 x 115	2 x 6	500	88-3889
6	VIX-120-4206-409	2 x 115	2 x 9	333	88-3890
6	VIX-120-4206-412	2 x 115	2 x 12	250	88-3891
6	VIX-120-4206-415	2 x 115	2 x 15	200	88-3892
6	VIX-120-4206-418	2 x 115	2 x 18	166	88-3893
6	VIX-120-4206-420	2 x 115	2 x 20	150	88-3894
6	VIX-120-4206-424	2 x 115	2 x 24	125	88-3895
12	VIX-120-5412-409	2 x 115	2 x 9	666	88-3896
12	VIX-120-5412-412	2 x 115	2 x 12	500	88-3897
12	VIX-120-5412-415	2 x 115	2 x 15	400	88-3898
12	VIX-120-5412-418	2 x 115	2 x 18	333	88-3899
12	VIX-120-5412-424	2 x 115	2 x 24	250	88-3901

Type	Order code	1+	25+	100+
230V 3VA 6V+6V	88-3861	2.42	1.96	1.81
230V 3VA 9V+9V	88-3862	2.42	1.96	1.81
230V 3VA 12V+12V	88-3863	2.42	1.96	1.81
230V 3VA 15V+15V	88-3864	2.42	1.96	1.81
230V 3VA 18V+18V	88-3865	2.42	1.96	1.81
230V 3VA 20V+20V	88-3866	2.42	1.96	1.81
230V 3VA 24V+24V	88-3867	2.42	1.96	1.81
230V 6VA 4.5V+4.5V	88-3868	2.94	2.47	2.21
230V 6VA 6V+6V	88-3869	2.94	2.47	2.21
230V 6VA 9V+9V	88-3870	2.94	2.47	2.21
230V 6VA 12V+12V	88-3871	2.94	2.47	2.21
230V 6VA 15V+15V	88-3872	2.94	2.47	2.21
230V 6VA 20V+20V	88-3874	2.94	2.47	2.21
230V 6VA 24V+24V	88-3875	2.94	2.47	2.21
230V 12VA 6V+6V	88-3876	3.98	3.42	3.13
230V 12VA 9V+9V	88-3877	3.98	3.42	3.13
230V 12VA 12V+12V	88-3878	3.98	3.42	3.13
230V 12VA 15V+15V	88-3879	3.98	3.42	3.13
230V 12VA 24V+24V	88-3880	3.98	3.42	3.13
115V+115V 3VA 6V+6V	88-3881	2.42	1.96	1.81
115V+115V 3VA 9V+9V	88-3882	2.42	1.96	1.81
115V+115V 3VA 12V+12V	88-3883	2.42	1.96	1.81
115V+115V 3VA 15V+15V	88-3884	2.42	1.96	1.81
115V+115V 3VA 18V+18V	88-3885	2.42	1.96	1.81
115V+115V 3VA 24V+24V	88-3887	2.42	1.96	1.81
115V+115V 6VA 4.5V+4.5V	88-3888	2.94	2.47	2.21
115V+115V 6VA 6V+6V	88-3889	2.94	2.47	2.21
115V+115V 6VA 9V+9V	88-3890	2.94	2.47	2.21
115V+115V 6VA 12V+12V	88-3891	2.94	2.47	2.21
115V+115V 6VA 15V+15V	88-3892	2.94	2.47	2.21
115V+115V 6VA 18V+18V	88-3893	2.94	2.47	2.21
115V+115V 6VA 20V+20V	88-3894	2.94	2.47	2.21
115V+115V 12VA 9V+9V	88-3896	3.98	3.42	3.13
115V+115V 12VA 12V+12V	88-3897	3.98	3.42	3.13
115V+115V 12VA 15V+15V	88-3898	3.98	3.42	3.13
115V+115V 12VA 18V+18V	88-3899	3.98	3.42	3.13
115V+115V 12VA 24V+24V	88-3901	3.98	3.42	3.13



PCB Open mains transformer

A range of powered transformers that are ideally suited for mounting on to printed circuit boards. These transformers have been manufactured to meet approval standards EN61558, (EN60742 - Will require additional fuse protection)

- High quality PCB transformer
- Dual primary 120/240V Input and dual secondary windings
- Available with power ratings of 3VA - 12VA 50/60Hz
- Double section shrouded bobbin
- Temperature class: Class B
- Dielectric strength: >3750Vrms
- Manufactured and tested in accordance to EN60950 and CE



Technical specification				
Dimensions	Length	Width	Depth	Pitch
3VA	38mm	32mm	30mm	5.08mm
6VA	43mm	36mm	32mm	5.08mm

PCB Open Mains Transformer 3VA 0-6V 0-6V	88-3700	Rapid Order code	Vigortronix Part No.
PCB Open Mains Transformer 3VA 0-9V 0-9V	88-3701		VIX-120-003-606
PCB Open Mains Transformer 3VA 0-12V 0-12V	88-3702		VIX-120-003-612
PCB Open Mains Transformer 3VA 0-15V 0-15V	88-3703		VIX-120-003-615
PCB Open Mains Transformer 3VA 0-20V 0-20V	88-3704		VIX-120-003-620
PCB Open Mains Transformer 6VA 0-6V 0-6V	88-3705		VIX-120-006-606
PCB Open Mains Transformer 6VA 0-9V 0-9V	88-3706		VIX-120-006-609
PCB Open Mains Transformer 6VA 0-12V 0-12V	88-3707		VIX-120-006-612
PCB Open Mains Transformer 6VA 0-15V 0-15V	88-3708		VIX-120-006-615
PCB Open Mains Transformer 6VA 0-18V 0-18V	88-3709		VIX-120-006-618

Type	Order code	1+	25+	100+
3VA				
3VA, 0-6V, 0-6V	88-3700	2.59	2.17	1.99
3VA, 0-9V, 0-9V	88-3701	2.59	2.17	1.99
3VA, 0-12V, 0-12V	88-3702	2.59	2.17	1.99
3VA, 0-15V, 0-15V	88-3703	2.59	2.17	1.99
3VA, 0-20V, 0-20V	88-3704	2.59	2.17	1.99
6VA				
6VA, 0-6V, 0-6V	88-3705	3.35	2.97	2.75
6VA, 0-9V, 0-9V	88-3706	3.35	2.97	2.75
6VA, 0-12V, 0-12V	88-3707	3.45	3.06	2.83
6VA, 0-15V, 0-15V	88-3708	3.35	2.97	2.75
6VA, 0-20V, 0-20V	88-3709	3.45	3.06	2.83
6VA 0-20V 0-20V	88-3680	3.45	3.06	2.83

No minimum order value
UK mainland only

Chassis transformers



Chassis mount transformers

A comprehensive range of chassis mounting transformers with a choice of single (230V) or dual (115V+115V) primary windings suitable for 50/60Hz operations and two independent secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations.

- Designed manufactured and tested in accordance with **B3535, EN60950** and **EN60742** (requires additional fuse protection)
- Double section bobbins constructed with fully shrouded windings
- Flame retardant material to **UL 94V-0**
- Fitted with solder tags and push on terminations (6VA fitted with solder tags only)
- U clamp fixing for 6VA to 50VA - 75VA and above fitted with universal multi-hole end frames
- Terminal shroud (not included) is available as a separate item (order code **88-3669**)



Technical specification						
Dimensions (mm)		Length	Width	Height	Weight (kg)	
Rating	Regulation (%)					
6VA	24	45	35.5	37.5	0.17	
12VA	12	60	47	50	0.38	
20VA	12	79	60	66	0.98	
50VA	10	80	71	67	1.48	
75VA	8	89	71	67	1.48	
100VA	10	89	65	75	1.55	

Type	Order code	1+	10+	25+
230V 6VA 20V+20V	88-3419	3.97	3.61	3.42
2X115V 6VA 6V+6V	88-3464	3.97	3.61	3.42
2X115V 6VA 12V+12V	88-3467	3.97	3.61	3.42
2X115V 6VA 20V+20V	88-3470	3.97	3.61	3.42
Terminal shroud 6VA	88-3669	0.15		
230V 12VA 6V+6V	88-3421	4.88	4.44	4.20
230V 12VA 7.5V+7.5V	88-3422	4.88	4.44	4.20
230V 20VA 24V+24V	88-3436	5.86	5.34	5.05
Terminal shroud 12VA, 20VA	88-3670	0.17		
2X115V 100VA 9V+9V	88-3507	16.22	14.74	13.95
T Shroud 50VA, 75VA, 100VA	88-3671	0.20		

Free delivery
on all orders over £30
(excl. VAT)
(UK mainland only)



Chassis mains transformer with dual primary windings



A comprehensive range of chassis mounting transformers with dual (115V+115V) primary windings suitable for 50/60Hz operations and two independent secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations.

- High quality transformer
- Double section metric bobbins
- Power: 6 - 200VA 50/60Hz
- Temperature class: - Class B (130 OC)
- Dielectric strength: 3750Vrms
- Manufactured and tested in accordance to **EN60950, CE**

Technical specification Description	Order code	Vigortronix Part No.
6VA 4.5V+4.5V	88-3953	VTX-126-006-4045
6VA 6V+6V	88-3954	VTX-126-006-406
6VA 7.5V+7.5V	88-3955	VTX-126-006-4075
6VA 9V+9V	88-3956	VTX-126-006-409
6VA 12V+12V	88-3957	VTX-126-006-412
6VA 15V+15V	88-3958	VTX-126-006-415
6VA 18V+18V	88-3959	VTX-126-006-418
6VA 20V+20V	88-3960	VTX-126-006-420
6VA 24V+24V	88-3961	VTX-126-006-424
12VA 6V+6V	88-3962	VTX-126-012-406
12VA 7.5V+7.5	88-3963	VTX-126-012-4075
12VA 9V+9V	88-3964	VTX-126-012-409
12VA 12V+12V	88-3965	VTX-126-012-412
12VA 15V+15V	88-3966	VTX-126-012-415
12VA 18V+18V	88-3967	VTX-126-012-418
12VA 20V+20V	88-3968	VTX-126-012-420
12VA 24V+24V	88-3969	VTX-126-012-424
20VA 6V+6V	88-3970	VTX-126-020-406
20VA 7.5V+7.5	88-3971	VTX-126-020-4075
20VA 9V+9V	88-3972	VTX-126-020-409
20VA 12V+12V	88-3973	VTX-126-020-412
20VA 15V+15V	88-3974	VTX-126-020-415
20VA 18V+18V	88-3975	VTX-126-020-418
20VA 20V+20V	88-3976	VTX-126-020-420
20VA 24V+24V	88-3977	VTX-126-020-424
50VA 6V+6V	88-3978	VTX-126-050-406
50VA 7.5V+7.5	88-3979	VTX-126-050-4075
50VA 9V+9V	88-3980	VTX-126-050-409
50VA 12V+12V	88-3981	VTX-126-050-412
50VA 15V+15V	88-3982	VTX-126-050-415
50VA 18V+18V	88-3983	VTX-126-050-418
50VA 20V+20V	88-3984	VTX-126-050-420
50VA 24V+24V	88-3985	VTX-126-050-424
75VA 6V+6V	88-3986	VTX-126-075-406
75VA 7.5V+7.5	88-3987	VTX-126-075-4075
75VA 9V+9V	88-3988	VTX-126-075-409
75VA 12V+12V	88-3989	VTX-126-075-412
75VA 15V+15V	88-3990	VTX-126-075-415
75VA 18V+18V	88-3991	VTX-126-075-418
75VA 20V+20V	88-3992	VTX-126-075-420
100VA 6V+6V	88-3993	VTX-126-100-406
100VA 9V+9V	88-3994	VTX-126-100-409
100VA 12V+12V	88-3995	VTX-126-100-412
100VA 15V+15V	88-3996	VTX-126-100-415
100VA 18V+18V	88-3997	VTX-126-100-418
100VA 20V+20V	88-3998	VTX-126-100-420
100VA 24V+24V	88-3999	VTX-126-100-424

Type	Order code	1+	25+	100+
6VA				
2x115V 6VA 4.5V+4.5V	88-3953	3.94	3.45	2.99
2x115V 6VA 6V+6V	88-3954	3.94	3.45	2.99
2x115V 6VA 7.5V+7.5V	88-3955	3.94	3.45	2.99
2x115V 6VA 9V+9V	88-3956	3.94	3.45	2.99
2x115V 6VA 12V+12V	88-3957	3.94	3.45	2.99
2x115V 6VA 15V+15V	88-3958	3.94	3.45	2.99
2x115V 6VA 18V+18V	88-3959	3.94	3.45	2.99
2x115V 6VA 20V+20V	88-3960	3.94	3.45	2.99
2x115V 6VA 24V+24V	88-3961	3.94	3.45	2.99
12VA				
2x115V 12VA 6V+6V	88-3962	5.41	4.89	4.48
2x115V 12VA 7.5V+7.5	88-3963	5.41	4.89	4.48
2x115V 12VA 9V+9V	88-3964	5.41	4.89	4.48
2x115V 12VA 12V+12V	88-3965	5.41	4.89	4.48
2x115V 12VA 15V+15V	88-3966	5.41	4.89	4.48
2x115V 12VA 18V+18V	88-3967	5.41	4.89	4.48
2x115V 12VA 20V+20V	88-3968	5.41	4.89	4.48
2x115V 12VA 24V+24V	88-3969	5.41	4.89	4.48
20VA				
2x115V 20VA 6V+6V	88-3970	6.92	5.78	5.35
2x115V 20VA 7.5V+7.5	88-3971	6.92	5.78	5.35
2x115V 20VA 9V+9V	88-3972	6.92	5.78	5.35
2x115V 20VA 12V+12V	88-3973	6.92	5.78	5.35
2x115V 20VA 15V+15V	88-3974	6.92	5.78	5.35
2x115V 20VA 18V+18V	88-3975	6.92	5.78	5.35
2x115V 20VA 20V+20V	88-3976	6.92	5.78	5.35
2x115V 20VA 24V+24V	88-3977	6.92	5.78	5.35
50VA				
2x115V 50VA 6V+6V	88-3978	10.89	9.88	8.45
2x115V 50VA 7.5V+7.5	88-3979	10.89	9.88	8.45
2x115V 50VA 9V+9V	88-3980	10.89	9.88	8.45
2x115V 50VA 12V+12V	88-3981	10.89	9.88	8.45
2x115V 50VA 15V+15V	88-3982	10.89	9.88	8.45
2x115V 50VA 18V+18V	88-3983	10.89	9.88	8.45
2x115V 50VA 20V+20V	88-3984	10.89	9.88	8.45
75VA				
2x115V 75VA 6V+6V	88-3985	13.40	11.30	9.95
2x115V 75VA 7.5V+7.5	88-3986	13.40	11.30	9.95
2x115V 75VA 9V+9V	88-3987	13.40	11.30	9.95
2x115V 75VA 15V+15V	88-3988	13.40	11.30	9.95
2x115V 75VA 18V+18V	88-3989	13.40	11.30	9.95
2x115V 75VA 12V+12V	88-3990	13.40	11.30	9.95
2x115V 75VA 20V+20V	88-3991	13.40	11.30	9.95
100VA				
2x115V 100VA 6V+6V	88-3992	18.26	16.22	13.26
2x115V 100VA 9V+9V	88-3993	18.26	16.22	13.26
2x115V 100VA 12V+12V	88-3994	18.26	16.22	13.26
2x115V 100VA 15V+15V	88-3995	18.26	16.22	13.26
2x115V 100VA 18V+18V	88-3996	18.26	16.22	13.26
2x115V 100VA 20V+20V	88-3997	18.26	16.22	13.26
2x115V 100VA 24V+24V	88-3998	18.26	16.22	13.26

Fast delivery
All orders received by
8pm - Monday to Friday
are despatched the same day



Chassis mains transformer

A wide range of general purpose chassis mounting mains transformers with mounting clamp connection.



They each have a double section fully shrouded bobbin construction with impregnated varnish coating.

- High quality transformer
- Dual primary 120/240V Input and dual secondary windings
- Power: 6 - 200VA 50/60Hz
- Double section bobbins
- Temperature class: - Class B (130°C)
- Dielectric strength: >3750Vrms
- Manufactured and tested in accordance to **EN60950, CE**

Technical specification Description	Order code	Vigortronix Part No.
6VA 0-6V 0-6V	88-3710	VTX-126-006-606
6VA 0-9V 0-9V	88-3711	VTX-126-006-609
6VA 0-12V 0-12V	88-3712	VTX-126-006-612
6VA 0-15V 0-15V	88-3713	VTX-126-006-615
12VA 0-6V 0-6V	88-3714	VTX-126-012-606
12VA 0-9V 0-9V	88-3715	VTX-126-012-609
12VA 0-12V 0-12V	88-3716	VTX-126-012-612
12VA 0-15V 0-15V	88-3717	VTX-126-012-615
20VA 0-6V 0-6V	88-3854	VTX-126-020-606
20VA 0-9V 0-9V	88-3855	VTX-126-020-609
20VA 0-12V 0-12V	88-3856	VTX-126-020-612
20VA 0-15V 0-15V	88-3857	VTX-126-020-615
20VA 0-18V 0-18V	88-3858	VTX-126-020-618
20VA 0-20V 0-20V	88-3859	VTX-126-020-620
20VA 0-24V 0-24V	88-3860	VTX-126-020-624
25VA 0-6V 0-6V	88-3718	VTX-126-025-606
25VA 0-9V 0-9V	88-3719	VTX-126-025-609
25VA 0-12V 0-12V	88-3720	VTX-126-025-612
25VA 0-15V 0-15V	88-3721	VTX-126-025-615
50VA 0-6V 0-6V	88-3722	VTX-126-050-606
50VA 0-9V 0-9V	88-3723	VTX-126-050-609
50VA 0-12V 0-12V	88-3724	VTX-126-050-612
50VA 0-15V 0-15V	88-3725	VTX-126-050-615
50VA 0-20V 0-20V	88-3726	VTX-126-050-620
100VA 0-6V 0-6V	88-3727	VTX-126-100-606
100VA 0-9V 0-9V	88-3728	VTX-126-100-609
100VA 0-12V 0-12V	88-3729	VTX-126-100-612
100VA 0-15V 0-15V	88-3730	VTX-126-100-615
100VA 0-17.5V 0-17.5V	88-3731	VTX-126-100-618
100VA 0-20V 0-20V	88-3732	VTX-126-100-620
100VA 0-25V 0-25V	88-3733	VTX-126-100-625
200VA 0-12V 0-12V	88-3734	VTX-126-200-612
200VA 0-15V 0-15V	88-3735	VTX-126-200-615
200VA 0-20V 0-20V	88-3736	VTX-126-200-620
200VA 0-24V 0-24V	88-3737	VTX-126-200-624
200VA 0-50V 0-50V	88-3738	VTX-126-200-650

Type	Order code	1+	25+	100+
6VA				
6VA, 0-6V, 0-6V	88-3710	3.94	3.45	2.99
6VA, 0-9V, 0-9V	88-3711	3.94	3.45	2.99
6VA, 0-12V, 0-12V	88-3712	3.94	3.45	2.99
6VA, 0-15V, 0-15V	88-3713	3.94	3.45	2.99
12VA				
12VA, 0-6V, 0-6V	88-3714	5.41	4.89	4.48
12VA, 0-9V, 0-9V	88-3715	5.41	4.89	4.48



Vigortronix Chassis mains transformer with single primary windings



A comprehensive range of chassis mounting transformers with single (230V) primary windings suitable for 50/60Hz operations and twin secondary windings suitable for connecting in series, parallel or centre tap, giving a wide range of output voltage and current combinations.

- High quality transformer
- Double section metric bobbins
- Power: 6 - 200VA 50/60Hz
- Temperature class: - Class B (130 OC)
- Dielectric strength: 3750Vrms
- Manufactured and tested in accordance to EN60950, CE

Electronic components
Transformers

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Technical specification

Description	Order code	Vigortronix Part No.
Chassis Transformer 230V 6VA 4.5V+4.5V	88-3902	VTX-126-006-2045
Chassis Transformer 230V 6VA 6V+6V	88-3903	VTX-126-006-206
Chassis Transformer 230V 6VA 7.5V+7.5V	88-3904	VTX-126-006-2075
Chassis Transformer 230V 6VA 9V+9V	88-3905	VTX-126-006-209
Chassis Transformer 230V 6VA 12V+12V	88-3906	VTX-126-006-212
Chassis Transformer 230V 6VA 15V+15V	88-3907	VTX-126-006-215
Chassis Transformer 230V 6VA 18V+18V	88-3908	VTX-126-006-218
Chassis Transformer 230V 6VA 20V+20V	88-3909	VTX-126-006-220
Chassis Transformer 230V 6VA 24V+24V	88-3910	VTX-126-006-224
Chassis Transformer 230V 12VA 6V+6V	88-3911	VTX-126-012-206
Chassis Transformer 230V 12VA 7.5V+7.5V	88-3912	VTX-126-012-2075
Chassis Transformer 230V 12VA 9V+9V	88-3913	VTX-126-012-209
Chassis Transformer 230V 12VA 12V+12V	88-3914	VTX-126-012-212
Chassis Transformer 230V 12VA 15V+15V	88-3915	VTX-126-012-215
Chassis Transformer 230V 12VA 18V+18V	88-3916	VTX-126-012-218
Chassis Transformer 230V 12VA 20V+20V	88-3917	VTX-126-012-220
Chassis Transformer 230V 12VA 24V+24V	88-3918	VTX-126-012-224
Chassis Transformer 230V 20VA 6V+6V	88-3919	VTX-126-020-206
Chassis Transformer 230V 20VA 7.5V+7.5V	88-3920	VTX-126-020-2075
Chassis Transformer 230V 20VA 9V+9V	88-3921	VTX-126-020-209
Chassis Transformer 230V 20VA 12V+12V	88-3922	VTX-126-020-212
Chassis Transformer 230V 20VA 15V+15V	88-3923	VTX-126-020-215
Chassis Transformer 230V 20VA 18V+18V	88-3924	VTX-126-020-218
Chassis Transformer 230V 20VA 20V+20V	88-3925	VTX-126-020-220
Chassis Transformer 230V 20VA 24V+24V	88-3926	VTX-126-020-224
Chassis Transformer 230V 50VA 6V+6V	88-3927	VTX-126-050-206
Chassis Transformer 230V 50VA 7.5V+7.5V	88-3928	VTX-126-050-2075
Chassis Transformer 230V 50VA 9V+9V	88-3929	VTX-126-050-209
Chassis Transformer 230V 50VA 12V+12V	88-3930	VTX-126-050-212
Chassis Transformer 230V 50VA 15V+15V	88-3931	VTX-126-050-215
Chassis Transformer 230V 50VA 18V+18V	88-3932	VTX-126-050-218
Chassis Transformer 230V 50VA 20V+20V	88-3933	VTX-126-050-220
Chassis Transformer 230V 50VA 24V+24V	88-3934	VTX-126-050-224
Chassis Transformer 230V 75VA 6V+6V	88-3935	VTX-126-075-206
Chassis Transformer 230V 75VA 7.5V+7.5V	88-3936	VTX-126-075-2075
Chassis Transformer 230V 75VA 9V+9V	88-3937	VTX-126-075-209
Chassis Transformer 230V 75VA 12V+12V	88-3938	VTX-126-075-212
Chassis Transformer 230V 75VA 15V+15V	88-3939	VTX-126-075-215
Chassis Transformer 230V 75VA 18V+18V	88-3940	VTX-126-075-218
Chassis Transformer 230V 75VA 20V+20V	88-3941	VTX-126-075-220
Chassis Transformer 230V 75VA 24V+24V	88-3942	VTX-126-075-224
Chassis Transformer 230V 100VA 6V+6V	88-3943	VTX-126-075-250
Chassis Transformer 230V 100VA 6V+6V	88-3944	VTX-126-100-206
Chassis Transformer 230V 100VA 7.5V+7.5V	88-3945	VTX-126-100-2075
Chassis Transformer 230V 100VA 9V+9V	88-3946	VTX-126-100-209
Chassis Transformer 230V 100VA 12V+12V	88-3947	VTX-126-100-212
Chassis Transformer 230V 100VA 15V+15V	88-3948	VTX-126-100-215
Chassis Transformer 230V 100VA 18V+18V	88-3949	VTX-126-100-218
Chassis Transformer 230V 100VA 20V+20V	88-3950	VTX-126-100-220
Chassis Transformer 230V 100VA 24V+24V	88-3951	VTX-126-100-224
Chassis Transformer 230V 100VA 50V+50V	88-3952	VTX-126-100-250

Type	Order code	1+	25+	100+
6VA				
6VA 4.5V+4.5V	88-3902	3.94	3.45	2.99
6VA 6V+6V	88-3903	3.94	3.45	2.99
6VA 7.5V+7.5V	88-3904	3.94	3.45	2.99
6VA 9V+9V	88-3905	3.94	3.45	2.99
6VA 12V+12V	88-3906	3.94	3.45	2.99
6VA 15V+15V	88-3907	3.94	3.45	2.99
6VA 18V+18V	88-3908	3.94	3.45	2.99
6VA 20V+20V	88-3909	3.94	3.45	2.99
6VA 24V+24V	88-3910	3.94	3.45	2.99
12VA				
12VA 6V+6V	88-3911	5.41	4.89	4.48
12VA 7.5V+7.5V	88-3912	5.41	4.89	4.48
12VA 9V+9V	88-3913	5.41	4.89	4.48
12VA 12V+12V	88-3914	5.41	4.89	4.48
12VA 15V+15V	88-3915	5.41	4.89	4.48
12VA 18V+18V	88-3916	5.41	4.89	4.48
12VA 20V+20V	88-3917	5.41	4.89	4.48
12VA 24V+24V	88-3918	5.41	4.89	4.48

20VA				
20VA 6V+6V	88-3919	6.92	5.78	5.35
20VA 7.5V+7.5V	88-3920	6.92	5.78	5.35
20VA 9V+9V	88-3921	6.92	5.78	5.35
20VA 12V+12V	88-3922	6.92	5.78	5.35
20VA 15V+15V	88-3923	6.92	5.78	5.35
20VA 18V+18V	88-3924	6.92	5.78	5.35
20VA 20V+20V	88-3925	6.92	5.78	5.35
20VA 24V+24V	88-3926	6.92	5.78	5.35
50VA				
50VA 6V+6V	88-3927	10.89	9.88	8.45
50VA 7.5V+7.5V	88-3928	10.89	9.88	8.45
50VA 15V+15V	88-3931	10.89	9.88	8.45
50VA 9V+9V	88-3929	10.89	9.88	8.45
50VA 12V+12V	88-3930	10.89	9.88	8.45
50VA 18V+18V	88-3932	10.89	9.88	8.45
50VA 20V+20V	88-3933	10.89	9.88	8.45
50VA 24V+24V	88-3934	10.89	9.88	8.45
75VA				
75VA 6V+6V	88-3935	16.75	14.13	12.44
75VA 7.5V+7.5V	88-3936	16.75	14.13	12.44
75VA 9V+9V	88-3937	16.75	14.13	12.44
75VA 12V+12V	88-3938	16.75	14.13	12.44
75VA 15V+15V	88-3939	16.75	14.13	12.44
75VA 18V+18V	88-3940	16.75	14.13	12.44
75VA 20V+20V	88-3941	16.75	14.13	12.44
75VA 24V+24V	88-3942	16.75	14.13	12.44
75VA 50V+50V	88-3943	16.75	14.13	12.44
100VA				
100VA 6V+6V	88-3944	18.26	16.22	13.26
100VA 7.5V+7.5V	88-3945	18.26	16.22	13.26
100VA 9V+9V	88-3946	18.26	16.22	13.26
100VA 12V+12V	88-3947	18.26	16.22	13.26
100VA 15V+15V	88-3948	18.26	16.22	13.26
100VA 18V+18V	88-3949	18.26	16.22	13.26
100VA 20V+20V	88-3950	18.26	16.22	13.26
100VA 24V+24V	88-3951	18.26	16.22	13.26
100VA 50V+50V	88-3952	18.26	16.22	13.26



Auto transformers

A range of auto transformers that employ a single non-isolated winding to step up or step down the available line voltage to match the requirements of the load. Examples include supply to fridges, air conditioners, compressors etc.



With its small size and weight, the auto-transformer can be installed easily in existing equipment.

- A range of step-up/step-down auto-transformers 0-110-220-230-240V, 50/60Hz
- Power ratings 50 to 1000VA
- Connection made by insulated terminal block
- Windings are covered with metal shrouds
- Insulating rating: Class B

Mtrs part	VA Rating	VA max.	Weight	Order code
VTX-186-50	50	50	0.7Kgs	88-2892
VTX-186-100	100	100	1.4Kgs	88-2893
VTX-186-150	150	150	1.4Kgs	88-2894
VTX-186-250	250	300	2.1Kgs	88-2895
VTX-186-500	500	750	3.6Kgs	88-2896
VTX-186-1000	1000	1500	6.3Kgs	88-2897

Type	Order code	1+	5+
Auto Transformer 50VA	88-2892	19.80	17.80
Auto Transformer 100VA	88-2893	26.40	21.70
Auto Transformer 150VA	88-2894	32.20	28.85
Auto Transformer 250VA	88-2895	38.50	34.40
Auto Transformer 500VA	88-2896	44.88	41.05
Auto Transformer 1000VA	88-2897	79.40	68.85

New products

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Isolation transformers

High quality isolating transformers designed for use in general applications where the supply voltage needs to be converted. The isolation transformer can be used as a Step-Up or Step-Down transformer. Applications: Freezers, Fridges, general mains operated equipment.



- A range of step-up/step-down auto-transformers 0-110-220-230-240V, 50/60Hz
- Power ratings 250 to 1000VA
- Connection made by insulated terminal block
- Windings are covered with metal shrouds
- Insulating rating: Class B

Technical specification	Rapid order code	Vigortronix part no.
Description		
Isolation Transformer 250VA	88-2898	VTX-182-250
Isolation Transformer 500VA	88-2899	VTX-182-500
Isolation Transformer 1000VA	88-2900	VTX-182-1000

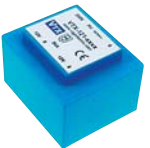
Type	Order code	1+	5+
Isolation Transformer 250VA	88-2898	64.02	55.81
Isolation Transformer 500VA	88-2899	88.33	81.40
Isolation Transformer 1000VA	88-2900	177.00	165.72

Encapsulated transformers



PCB mounting encapsulated transformer

A wide range of PCB mounting encapsulated transformers consist of both primary and secondary windings. Due to their construction and encapsulation these transformers provide excellent performance in aggressive environments where potential exists for changes in temperature and humidity.



- High quality encapsulated transformer
- Single primary or dual primary
- Dual secondary windings
- Power: 0.5 - 10VA 50/60Hz
- Temperature class: - Class B (130°C)
- Ambient temperature: ± 40°C - 70°C
- Dielectric strength: 3750Vrms
- Short-circuit proof
- Manufactured and tested in accordance to UL506, EN61558, EN60950, CE

Technical specification	Order code	Vigortronix Part No.
(For Dimensions please refer to the datasheet)		
230V 1.5VA 0-6V 0-6V	88-3739	VTX-121-3015-206
230V 1.5VA 0-9V 0-9V	88-3740	VTX-121-3015-209
230V 1.5VA 0-12V 0-12V	88-3741	VTX-121-3015-212
230V 1.5VA 0-15V 0-15V	88-3742	VTX-121-3015-215
230V 1.5VA 0-18V 0-18V	88-3743	VTX-121-3015-218
230V 1.5VA 0-24V 0-24V	88-3744	VTX-121-3015-224
230V 2.3VA 0-6V 0-6V	88-5005	VTX-121-3023-206
230V 2.3VA 0-9V 0-9V	88-5006	VTX-121-3023-209
230V 2.3VA 0-12V 0-12V	88-5007	VTX-121-3023-212
230V 2.3VA 0-15V 0-15V	88-5008	VTX-121-3023-215
230V 2.3VA 0-18V 0-18V	88-5009	VTX-121-3023-218
230V 2.3VA 0-24V 0-24V	88-5010	VTX-121-3023-224
230V 3.2VA 0-6V 0-6V	88-5011	VTX-121-3832-206
230V 3.2VA 0-9V 0-9V	88-5012	VTX-121-3832-209
230V 3.2VA 0-12V 0-12V	88-5013	VTX-121-3832-212
230V 3.2VA 0-15V 0-15V	88-5014	VTX-121-3832-215
230V 3.2VA 0-18V 0-18V	88-5015	VTX-121-3832-218
230V 3.2VA 0-24V 0-24V	88-5016	VTX-121-3832-224
230V 6VA 0-6V 0-6V	88-5020	VTX-121-4206-206
230V 6VA 0-9V 0-9V	88-5021	VTX-121-4206-209
230V 6VA 0-12V 0-12V	88-5022	VTX-121-4206-212
230V 6VA 0-15V 0-15V	88-5023	VTX-121-4206-215
230V 6VA 0-18V 0-18V	88-5024	VTX-121-4206-218
230V 6VA 0-24V 0-24V	88-5025	VTX-121-4206-224
230V 10VA 0-6V 0-6V	88-5036	VTX-121-4810-206
230V 10VA 0-9V 0-9V	88-5037	VTX-121-4810-209
230V 10VA 0-12V 0-12V	88-5038	VTX-121-4810-212
230V 10VA 0-15V 0-15V	88-5039	VTX-121-4810-215
230V 10VA 0-18V 0-18V	88-5040	VTX-121-4810-218
230V 10VA 0-24V 0-24V	88-5041	VTX-121-4810-224
115+115V 1.5VA 0-6V 0-6V	88-3743	VTX-121-3015-406
115+115V 1.5VA 0-9V 0-9V	88-3744	VTX-121-3015-409

Technical specification (continued)
(For Dimensions please refer to the datasheet)

Order code	Vigortronix Part No.
115+115V 1.5VA 0-12V 0-12V	88-3745
115+115V 1.5VA 0-15V 0-15V	88-5002
115+115V 1.5VA 0-18V 0-18V	88-5003
115+115V 1.5VA 0-24V 0-24V	88-5004
115+115V 2.3VA 0-6V 0-6V	88-5011
115+115V 2.3VA 0-9V 0-9V	88-3746
115+115V 2.3VA 0-12V 0-12V	88-3747
115+115V 2.3VA 0-15V 0-15V	88-5012
115+115V 2.3VA 0-18V 0-18V	88-5013
115+115V 2.3VA 0-24V 0-24V	88-5014
115+115V 3.2VA 0-6V 0-6V	88-3748
115+115V 3.2VA 0-9V 0-9V	88-3749
115+115V 3.2VA 0-12V 0-12V	88-3750
115+115V 3.2VA 0-15V 0-15V	88-5021
115+115V 3.2VA 0-18V 0-18V	88-5022
115+115V 3.2VA 0-24V 0-24V	88-5023
115+115V 6VA 0-6V 0-6V	88-5030
115+115V 6VA 0-9V 0-9V	88-5031
115+115V 6VA 0-12V 0-12V	88-5032
115+115V 6VA 0-15V 0-15V	88-5033
115+115V 6VA 0-18V 0-18V	88-5034
115+115V 6VA 0-24V 0-24V	88-5035
115+115V 10VA 0-6V 0-6V	88-5042
115+115V 10VA 0-9V 0-9V	88-5043
115+115V 10VA 0-12V 0-12V	88-5044
115+115V 10VA 0-15V 0-15V	88-5045
115+115V 10VA 0-18V 0-18V	88-5046
115+115V 10VA 0-24V 0-24V	88-5047

Type	Order code	1+	25+	100+
1.5VA, 0-6V, 0-6V	88-3739	2.30	1.85	1.70
1.5VA, 0-9V, 0-9V	88-3740	2.30	1.85	1.70
1.5VA, 0-12V, 0-12V	88-3741	2.30	1.85	1.70
1.5VA, 0-15V 0.15V	88-5000	2.30	1.85	1.70
1.5VA, 0-18V 0.18V	88-5001	2.30	1.85	1.70
2.3VA, 0-6V 0-6V	88-5005	3.75	3.40	2.70
2.3VA, 0-9V 0-9V	88-5006	3.75	3.40	2.70
2.3VA, 0-12V 0-12V	88-5007	3.75	3.40	2.70
2.3VA, 0-15V 0-15V	88-5008	3.75	3.40	2.70
2.3VA, 0-18V 0-18V	88-5009	3.75	3.40	2.70
2.3VA, 0-24V 0-24V	88-5010	3.75	3.40	2.70
3.2VA, 0-6V, 0-6V	88-5015	3.95	3.50	2.80
3.2VA, 0-9V 0-9V	88-5016	3.95	3.50	2.80
3.2VA, 0-12V 0-12V	88-5017	3.95	3.50	2.80
3.2VA, 0-15V 0-15V	88-5018	3.95	3.50	2.80
3.2VA, 0-18V 0-18V	88-5019	3.95	3.50	2.80
3.2VA, 0-24V 0-24V	88-5020	3.95	3.50	2.80
6VA 0-6V 0-6V	88-5024	4.90	4.40	3.75
6VA, 0-9V 0-9V	88-5025	4.90	4.40	3.75
6VA, 0-12V 0-12V	88-5026	4.90	4.40	3.75
6VA, 0-15V 0-15V	88-5027	4.90	4.40	3.75
6VA, 0-18V 0-18V	88-5028	4.90	4.40	3.75
6VA, 0-24V 0-24V	88-5029	4.90	4.40	3.75
10VA, 0-6V 0-6V	88-5036	6.95	5.95	5.30
10VA, 0-9V 0-9V	88-5037	6.95	5.95	5.30
10VA, 0-12V 0-12V	88-5038	6.95	5.95	5.30
10VA, 0-15V 0-15V	88-5039	6.95	5.95	5.30
10VA, 0-18V 0-18V	88-5040	6.95	5.95	5.30
10VA, 0-24V 0-24V	88-5041	6.95	5.95	5.30
1.5VA, 0-6V, 0-6V	88-3743	2.30	1.85	1.70
1.5VA, 0-9V, 0-9V	88-3744	2.30	1.85	1.70
1.5VA, 0-12V, 0-12V	88-3745	2.30	1.85	1.70
1.5VA, 0-15V 0-15V	88-5002	2.30	1.85	1.70
1.5VA, 0-18V 0-18V	88-5003	2.30	1.85	1.70
1.5VA, 0-24V 0-24V	88-5004	2.30	1.85	1.70
2.3VA, 0-6V 0-6V	88-5011	3.75	3.40	2.70
2.3VA, 0-9V, 0-9V	88-3746	3.75	3.40	2.70
2.3VA, 0-12V, 0-12V	88-3747	3.75	3.40	2.70
2.3VA, 0-15V 0-15V	88-5012	3.75	3.40	2.70
2.3VA, 0-18V 0-18V	88-5013	3.75	3.40	2.70
2.3VA, 0-24V 0-24V	88-5014	3.75	3.40	2.70
3.2VA, 0-6V, 0-6V	88-3748	3.95	3.50	2.80
3.2VA, 0-9V, 0-9V	88-3749	3.95	3.50	2.80
3.2VA, 0-12V, 0-12V	88-3750	3.95	3.50	2.80
3.2VA, 0-15V 0-15V	88-5021	3.95	3.50	2.80
3.2VA, 0-18V 0-18V	88-5022	3.95	3.50	2.80
3.2VA, 0-24V 0-24V	88-5023	3.95	3.50	2.80
6VA, 0-6V 0-6V	88-5030	4.90	4.40	3.75
6VA, 0-9V 0-9V	88-5031	4.90	4.40	3.75
6VA, 0-12V 0-12V	88-5032	4.90	4.40	3.75
6VA, 0-15V 0-15V	88-5033	4.90	4.40	3.75
6VA, 0-18V 0-18V	88-5034	4.90	4.40	3.75
6VA, 0-24V 0-24V	88-5035	4.90	4.40	3.75
10VA, 0-6V 0-6V	88-5042	6.95	5.95	5.30
10VA, 0-9V 0-9V	88-5043	6.95	5.95	5.30
10VA, 0-12V 0-12V	88-5044	6.95	5.95	5.30
10VA, 0-15V 0-15V	88-5045	6.95	5.95	5.30
10VA, 0-18V 0-18V	88-5046	6.95	5.95	5.30
10VA, 0-24V 0-24V	88-5047	6.95	5.95	5.30

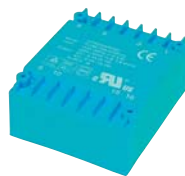
Downloadable datasheets
www.rapidonline.com



Low profile PCB mounting encapsulated transformer

The demand for high quality low profile transformers has never been greater and through continual development, market research and listening to our customers requirements, Rapid are now able to offer this range of low profile encapsulated transformers. These units are certified to EN61558 and EN60950 and CE Marked.

- Available in power ratings: 4VA - 30VA
- Dual primary windings 115+115V
- Temperature class: Class B (130°C)
- Dielectric strength: 3750Vrms
- 100% electrical and flash tested
- Manufactured and tested in accordance to EN61558 and EN60950



Technical specification
For Dimensions please refer to the datasheet

Rapid Order code	Vigortronix Part No.
4VA 0-6V 0-6V	88-3751
4VA 0-9V 0-9V	88-3752
4VA 0-12V 0-12V	88-3753
4VA 0-15V 0-15V	88-3681
4VA 0-18V 0-18V	88-3682
4VA 0-24V 0-24V	88-3683
6VA 0-6V 0-6V	88-3754
6VA 0-9V 0-9V	88-3755
6VA 0-12V 0-12V	88-3756
6VA 0-15V 0-15V	88-3757
6VA 0-18V 0-18V	88-3684
6VA 0-24V 0-24V	88-3685
9VA 0-6V 0-6V	88-3758
9VA 0-9V 0-9V	88-3759
9VA 0-12V 0-12V	88-3760
9VA 0-18V 0-18V	88-3762
9VA 0-24V 0-24V	88-3686
10VA 0-6V 0-6V	88-3687
10VA 0-9V 0-9V	88-3763
10VA 0-12V 0-12V	88-3764
10VA 0-15V 0-15V	88-3765
10VA 0-18V 0-18V	88-3688
10VA 0-24V 0-24V	88-3689
14VA 0-6V 0-6V	88-3766
14VA 0-9V 0-9V	88-3767
14VA 0-12V 0-12V	88-3768
14VA 0-15V 0-15V	88-3769
14VA 0-18V 0-18V	88-3770
14VA 0-24V 0-24V	88-3690
18VA 0-6V 0-6V	88-3771
18VA 0-9V 0-9V	88-3772
18VA 0-12V 0-12V	88-3773
18VA 0-15V 0-15V	88-3774
18VA 0-18V 0-18V	88-3691
18VA 0-24V 0-24V	88-3692
24VA 0-6V 0-6V	88-3693
24VA 0-9V 0-9V	88-3775
24VA 0-12V 0-12V	88-3776
24VA 0-15V 0-15V	88-3777
24VA 0-18V 0-18V	88-3694
24VA 0-24V 0-24V	88-3695
30VA 0-6V 0-6V	88-3696
30VA 0-9V 0-9V	88-3778
30VA 0-12V 0-12V	88-3779
30VA 0-15V 0-15V	88-3780
30VA 0-18V 0-18V	88-3697
30VA 0-24V 0-24V	88-3698

Type	Order code	1+	25+	100+
4VA, 0-6V, 0-6V	88-3751	5.67	4.63	4.11
4VA, 0-9V, 0-9V	88-3752	5.67	4.63	4.11
4VA, 0-12V, 0-12V	88-3753	5.67	4.63	4.11
4VA 0-15V 0-15V	88-3681	5.67	4.63	4.11
4VA 0-18V 0-18V	88-3682	5.67	4.63	4.11
4VA 0-24V 0-24V	88-3683	5.67	4.63	4.11
6VA, 0-6V, 0-6V	88-3754	5.78	4.72	4.19
6VA, 0-9V, 0-9V	88-3755	5.78	4.72	4.19
6VA, 0-12V, 0-12V	88-3756	5.78	4.72	4.19
6VA, 0-15V, 0-15V	88-3757	5.78	4.72	4.19
6VA 0-18V 0-18V	88-3684	5.78	4.72	4.19
6VA 0-24V 0-24V	88-3685	5.45	4.45	3.95
9VA, 0-6V, 0-6V	88-3758	7.96	7.18	5.78
9VA, 0-9V, 0-9V	88-3759	7.96	7.18	5.78
9VA, 0-12V, 0-12V	88-3760	7.96	7.18	5.78
9VA, 0-15V, 0-15V	88-3761	7.96	7.18	5.78
9VA, 0-18V, 0-18V	88-3762	7.96	7.18	5.78
9VA 0-24V 0-24V	88-3686	7.96	7.18	5.78
10VA 0-6V 0-6V	88-3687	8.04	7.25	5.83
10VA, 0-9V, 0-9V	88-3763	8.04	7.25	5.83
10VA, 0-12V, 0-12V	88-3764	8.04	7.25	5.83
10VA, 0-15V, 0-15V	88-3765	8.04	7.25	5.83
10VA 0-18V 0-18V	88-3688	8.04	7.25	5.83
10VA 0-24V 0-24V	88-3689	8.04	7.25	5.83
14VA, 0-6V, 0-6V	88-3766	9.22	8.19	6.75
14VA, 0-9V, 0-9V	88-3767	9.22	8.19	6.75
14VA, 0-12V, 0-12V	88-3768	9.22	8.19	6.75
14VA, 0-15V, 0-15V	88-3769	9.22	8.19	6.75
14VA, 0-18V, 0-18V	88-3770	9.22	8.19	6.75
14VA 0-24V 0-24V	88-3690	9.22	8.19	6.75
18VA, 0-6V, 0-6V	88-3771	10.10	9.08	7.45
18VA, 0-9V, 0-9V	88-3772	10.10	9.08	7.45
18VA, 0-12V, 0-12V	88-3773	10.10	9.08	7.45

18VA 0-15V 0-15V	88-3774	10.10	9.08	7.45
18VA 0-18V 0-18V	88-3691	10.10	9.08	7.45
18VA 0-24V 0-24V	88-3692	10.10	9.08	7.45
24VA 0-6V 0-6V	88-3693	12.39	10.99	9.03
24VA, 0-9V, 0-9V	88-3775	12.39	10.99	9.03
24VA, 0-12V, 0-12V	88-3776	12.39	10.99	9.03
24VA, 0-15V, 0-15V	88-3777	12.39	10.99	9.03
24VA 0-18V 0-18V	88-3694	12.39	10.99	9.03
24VA 0-24V 0-24V	88-3695	12.39	10.99	9.03
30VA 0-6V 0-6V	88-3696	13.18	11.84	9.57
30VA, 0-9V, 0-9V	88-3778	13.18	11.84	9.57
30VA, 0-12V, 0-12V	88-3779	13.18	11.84	9.57
30VA, 0-15V, 0-15V	88-3780	13.18	11.84	9.57
30VA 0-18V 0-18V	88-3697	13.18	11.84	9.57
30VA 0-24V 0-24V	88-3698	13.18	11.84	9.57



Miniature encapsulated transformers

High quality miniature mains transformers with a 230V primary winding and a choice of single or twin secondary winding outputs. Inherently short circuit proof and 100% tested.

- Split bobbin construction
- Insulation class B
- Manufactured according to EN61588
- Approved to VDE/UL standards
- Vacuum encapsulated to UL 94V-0



Technical specification	Rating	Type	Primary	Sec.	No load	Pin outs
						Primary Sec.
0.35VA	EE20/6.1	230V	6V	9.70V	6V	1+4 6+7
			12V	14.73V	12V	1+4 6+7
			15V	20.00V	15V	1+4 6+7
			2x6V	2x10.50V	2x6V	1+4 5+6 7+8
			2x9V	2x15.70V	2x9V	1+4 5+6 7+8
			2x12V	2x20.20V	2x12V	1+4 5+6 7+8
			2x15V	2x29.79V	2x15V	1+4 5+6 7+8
			2x24V	2x40.64V	2x24V	1+4 5+6 7+8
0.50VA	EE20/10.5	230V	6V	11.00V	6V	1+4 6+7
			9V	16.52V	9V	1+4 6+7
			12V	20.63V	12V	1+4 6+7
			15V	26.02V	15V	1+4 6+7
			2x6V	41.06V	2x6V	1+4 6+7
			2x9V	2x10.90V	2x9V	1+4 5+6 7+8
			2x9V	2x16.38V	2x9V	1+4 5+6 7+8
			2x12V	2x20.63V	2x12V	1+4

300V, 0-12V, 0-12V	88-3831	26.00	22.50	20.30
300V, 0-15V, 0-15V	88-3832	26.00	22.50	20.30
300V, 0-18V, 0-18V	88-3833	26.00	22.50	20.30
300V, 0-25V, 0-25V	88-3834	26.00	22.50	20.30
300V, 0-30V, 0-30V	88-3835	26.00	22.50	20.30
300V, 0-35V, 0-35V	88-3836	26.00	22.50	20.30
300V, 0-55V, 0-55V	88-3837	26.00	22.50	20.30
500V, 0-30V, 0-30V	88-3838	38.70	34.90	29.95
500V, 0-35V, 0-35V	88-3839	38.70	34.90	29.95
500V, 0-50V, 0-50V	88-3840	38.70	34.70	29.95
500V, 0-55V, 0-55V	88-3841	38.70	34.70	29.95
625V, 0-40V, 0-40V	88-3842	42.95	38.50	33.50
625V, 0-45V, 0-45V	88-3843	42.95	38.50	33.50
625V, 0-50V, 0-50V	88-3844	42.95	38.50	33.50
625V, 0-55V, 0-55V	88-3845	42.95	38.50	33.50
800V, 0-40V, 0-40V	88-3846	54.90	49.50	42.90
800V, 0-45V, 0-45V	88-3847	54.90	49.50	42.90
800V, 0-50V, 0-50V	88-3848	54.90	49.50	42.90
800V, 0-55V, 0-55V	88-3849	54.90	49.50	42.90
1000V, 0-40V, 0-40V	88-3850	62.00	57.00	49.50
1000V, 0-45V, 0-45V	88-3851	62.00	57.00	49.50
1000V, 0-50V, 0-50V	88-3852	62.00	57.00	49.50
1000V, 0-55V, 0-55V	88-3853	62.00	57.00	49.50

TruPower

Miniature open style toroidal transformers

High quality miniature mains mounting toroidal transformers with flying leads. Single primary winding of 0-115V-230V and twin secondary windings suitable for series, parallel and centre tap connections, giving a wide choice of output voltage and current combinations.

- Low magnetic stray field emissions
- High efficiency
- 100% electrical and flash tested
- Insulation class - Class A (105°C)
- Maximum operating ambient temperature 40°C
- All leads 150mm long - Stripped and tinned 6mm
- Resin filled centre with M4 through hole for easy mounting
- Mounting screw not supplied (see order code **33-2440** for suitable screws)
- Designed, tested and manufactured in accordance with **EN60742, EN60950 and EN60065**



Rating	1.6VA	3.2VA	5.0VA	7.0VA
Diameter(mm)	42	43	50	51
Height(mm)	23	24	24	24
Weight(kg)	0.13	0.14	0.17	0.19

Type	Order code	1+	10+	25+	50+
3.2VA					
3.2VA 9V+9V 0.178A	88-3395	8.00	7.28	6.89	6.31
5.0VA					
5.0VA 9V+9V 0.278A	88-3401	8.13	7.40	7.00	6.41
7.0VA					
7.0VA 7V+7V 0.500A	88-3406	8.56	7.79	7.37	6.75
7.0VA 9V+9V 0.389A	88-3407	8.56	7.79	7.37	6.75
7.0VA 12V+12V 0.292A	88-3408	8.56	7.79	7.37	6.75
7.0VA 15V+15V 0.233A	88-3409	8.56	7.79	7.37	6.75
7.0VA 22V+22V 0.159A	88-3411	8.56	7.79	7.37	6.75



Fast & friendly service

Call now 8am to 8pm Monday to Friday;
9am to 5pm Saturday

01206 751166

TruPower

Encapsulated toroidal transformers

High quality encapsulated toroidal transformers of robust construction featuring a centre hole fixing and flying lead connections. The flying leads exit through the side of the unit instead of the bottom like the majority of encapsulated toroidals available. This makes access much easier when the transformer is mounted. The transformers feature a single 230V AC 50/60Hz primary winding that can be connected in series, parallel or centre tap enabling a wide choice of voltage and current combinations to be selected.



- Flash tested at 4000V rms
- Fully encapsulated to UL 94V-0
- Low level of radiated magnetic field
- Operating frequency 50/60Hz
- Flying leads 150mm long ? stripped 5mm
- Maximum ambient temperature +40°C
- Meets all requirements of class A (105°C)
- Maximum ambient operating temperature 40°C
- Manufactured in accordance with **EN60742, EN60065 and EN60950**
- UL recognised to UL 1411 file E115159
- Mounting screw not supplied

Important - Under no circumstances should both ends of the metal fixing bolt be allowed to simultaneously come into contact with the metal chassis or framework. This will cause a 'shorted turn' resulting in permanent damage.

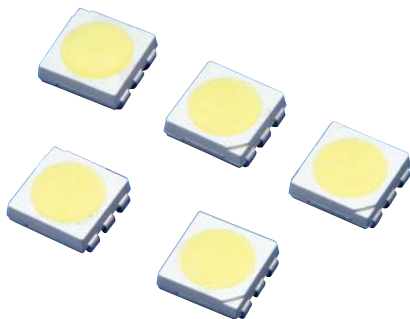
Rating	15VA	30VA	50VA	80VA	100VA	120VA	160VA
Regulation(%)	20	16	14	11	11	10	9
Height (mm)	35	39	42	44	52	52	53
Diameter (mm)	63	82	87	96	104	104	115
Weight (kg)	0.36	0.6	0.8	1.1	1.2	1.62	2.05
Mounting bolt	M5	M5	M5	M6	M6	M6	M6

Type	Order code	1+	10+
15VA			
15VA 15V+15V 0.5A	88-3353	11.57	10.30
15VA 18V+18V 0.42A	88-3354	11.57	10.30
15VA 25V+25V 0.3A	88-3355	11.57	10.30
30VA			
30VA 9V+9V 1.67A	88-3357	13.45	11.96
30VA 12V+12V 1.25A	88-3358	13.45	11.96
30VA 15V+15V 1A	88-3359	13.45	11.96
50VA 12V+12V 2.08A	88-3364	17.65	15.70
80VA			
80VA 12V+12V 3.33A	88-3369	20.73	18.44
100VA			
100VA 9V+9V 5.56A	88-3373	20.95	18.63
120VA			
120VA 12V+12V 5A	88-3379	24.59	21.88
160VA			
160VA 18V+18V 4.44A	88-3385	32.19	28.64

Optoelectronics section

TruOpto

LEDs



Lighting transformers

RVFM

60W Lighting transformer

A 60W electronic lighting transformer pre-wired with a 20cm input lead and a 20cm output lead.

- Fully dimmable with resistive and inductive dimmers
- Allows connection of up to 6x 10W or 3x 20W under cabinet lights
- 1.5kW surge protection - **EN61547-A1**
- Safety compliance - **EN61347**
- EMC compliance - **EN55015, EN61000, EN61547+A1**



Technical specification	
Input voltage	240V ± 10% - 50/60Hz
Line current	0.25A
Output voltage	11.4V AC
Max. ambient temperature	50°C (ta)
Output frequency	40kHz
Max. case temperature	75°C (tc)
Nominal power	20-60VA
Dimensions LxWxH (mm)	100 x 40 x 20
Min. load for dimming	35W

Type	Order code	1+	10+
60W Lighting transformer	88-3667	4.95	4.45

AURORA

28 60W Ultra slimline lighting transformer

An ultra low profile 60W electronic lighting transformer. Ideal for furniture and cabinet applications where space is at a premium or concealment is required.

- Fully dimmable with resistive or inductive dimmers
- Secondary side AMP sockets (AU-SF60A) for quick connection and remote installation of furniture and cabinet lights
- 1.5kW surge protection - **EN61547-A1**
- Safety compliance - **EN61347**
- EMC compliance - **EN55015, EN61000, EN61547+A1**



Technical specification	
Input voltage	240V ± 10% - 50/60Hz
Line current	0.27A
Output voltage	11.5VAC
Max. ambient temperature	50°C (ta)
Output frequency	40kHz
Max. case temperature	75°C (tc)
Nominal power	20-60VA
Dimensions (LxWxH)(mm)	165 x 47 x 13
Min. load for dimming	35W

Type	Order code	1+	5+
Ultra slim transformer	88-3666	11.90	11.00

Ferrite

RVFM

MW/LW Ferrite rod aerial

A ferrite rod onto which a medium wave and long wave coil are wound.

- Coils are moveable on rod to tune to best performance (then secured with suitable adhesive)



Technical specification	
Dimensions	127mm long x 9.525mm diameter
Inductance	MW coil 370µH
	LW coil 4.1mH
Typical coverage	MW 550 - 1550kHz (193 - 545m)
	LW 150 - 280kHz (1070 - 2000m)

Type	Order code	1+	10+	25+	50+
MW/LW Aerial	88-3099	1.64	1.50	1.37	1.27

RVFM

Ferrite rod

Ferrite rod material with flattened profile.

- Suitable for construction of aerials
- May be cut to size as required



Type	Order code	1+	25+	100+
100mm Ferrite rod	88-3098	0.45	0.38	0.32

myrra

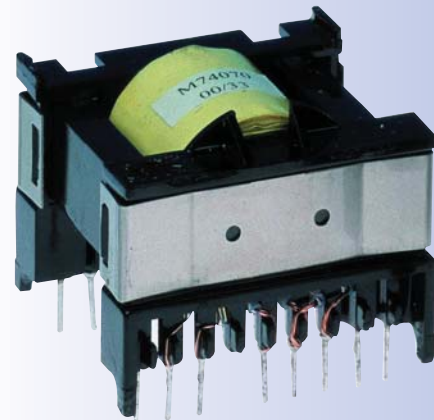


NEW

Encapsulated transformers



Flyback transformers



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