



Custom Built Transformers

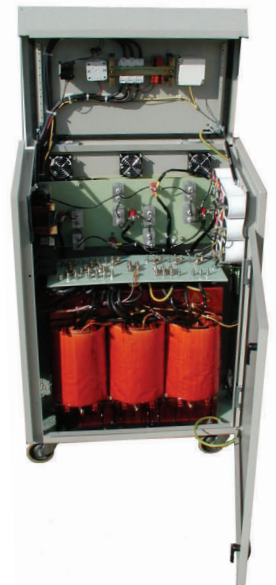
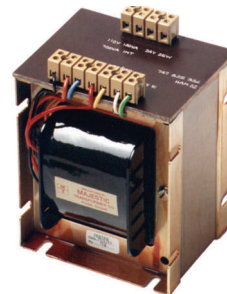
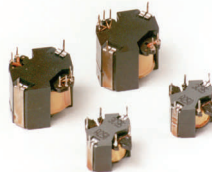
- Established 1942
- Quality Service
- Competitive Prices
- Single Phase Transformers
- Three Phase Transformers
- Open frame or Enclosed
- Smoothing Chokes
- Filter Chokes & Reactors
- P.C.B Mounted Transformers
- Ferrite Cored Transformers
- Rectifier Units
- DC Power Supplies
- One off's or Batches
- Delivery Nationwide
- Dispatch in 7/10 days
- Large Material Stocks
- Custom Built to Order

**Design & Manufacture
of Custom Built**

**Transformers, Chokes
and Associated Power**

Supplies Up To 125kVA.

**Manufactured to comply
with worldwide standards**



245 Rossmore Road, Poole,
Dorset BH12 2HQ England
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INDUSTRIAL CASED TRANSFORMERS **(Single Phase)**

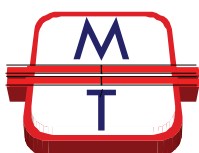


Our transformers in this range are suitably protected by a sheet metal case. They are normally wall mountable up to 6kVA and floor standing above this rating, but a portable style is also available. Many requirements are for low voltage tools or lighting working at 24V or 110V to be fed from mains supplies of 230V or 400V. The above voltages are not exclusive and other inputs and outputs can be accommodated on request.

All our isolation transformers incorporate an electrostatic screen between the primary and secondary windings and are built in compliance with the latest European standards. Other worldwide standards, e.g. UL, CSA can also be met. In addition, isolation from the supply may not be required. In this instance an Auto Wound transformer may be considered to economise on size and cost.

TOTAL SEC VA RATING	SIZE (in mm) W x D x H	DISPATCH WITHIN
20VA	108 x 114 x 89	7/10 days
50VA	108 x 114 x 89	
100VA	146 x 133 x 121	
200VA	146 x 133 x 121	
250VA	133 x 146 x 172	
500VA	133 x 191 x 172	
750VA	165 x 216 x 229	
1kVA	165 x 216 x 229	
2kVA	337 x 184 x 270	10/14 days
3kVA	350 x 242 x 353	
6kVA	350 x 242 x 353	
9kVA	625 x 500 x 675	2/4 weeks
20kVA	625 x 500 x 675	
30kVA	625 x 500 x 675	

Other ratings are available, between the ratings quoted above, contact our sales office for details.



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LIST B

INDUSTRIAL CASED TRANSFORMERS **(Three Phase)**



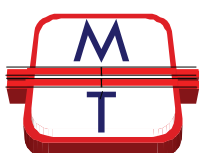
Our transformers in this range are suitably protected by a sheet metal case. They are normally wall mounting up to 2250VA and floor standing above this rating. Many requirements are for isolation and/or conversion of three phase machines, or creation of a neutral where none is available.

All our isolation transformers incorporate an electrostatic screen between the primary and secondary windings and are built in compliance with the latest European standards. Other worldwide standards, e.g. UL, CSA can also be met.

In addition, isolation from the main supply may not be required. In this instance an Auto Wound transformer may be considered to economise on size and cost. Contact our sales office for details.

TOTAL SEC VA RATING	SIZE (in mm) W x D x H	DISPATCH WITHIN
30VA	191 x 134 x 172	7/10 days
75VA	191 x 134 x 172	
210VA	191 x 134 x 172	
360VA	229 x 222 x 280	
540VA	350 x 242 x 353	
900VA	350 x 242 x 353	
1350VA	350 x 242 x 353	
2250VA	350 x 242 x 353	10/14 days
3.25kVA	525 x 450 x 575	
7.2kVA	525 x 450 x 575	
12kVA	525 x 450 x 575	2/3 weeks
18kVA	625 x 500 x 675	
27kVA	625 x 500 x 675	
50kVA	770 x 600 x 835	

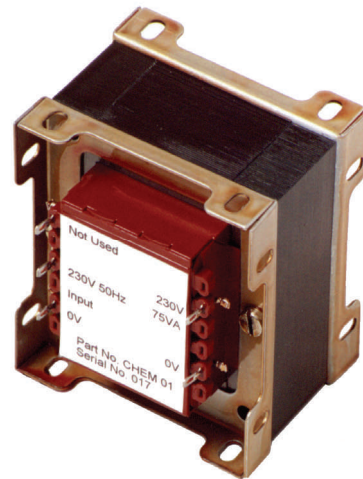
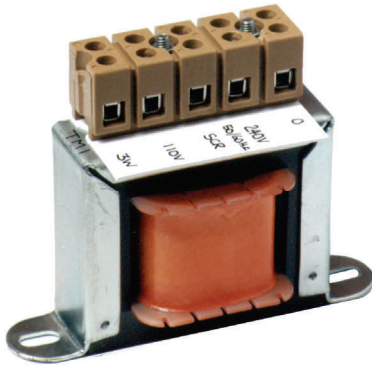
Other ratings are available, between the ratings quoted above and up to 125kVA, contact our sales office for details.



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MINIATURE TRANSFORMERS

The trend to smaller power supplies necessitates compact, low cost transformers with pcb mounting without sacrificing quality. By using ex stock materials, we are able to offer short delivery times, even on small batches of custom built transformers.

Listed below are several typical sizes of standard 50/60Hz laminated transformers. Sizes quoted are for pcb mounting style, Some sizes are also available with 'U' clamp fixing or Universal Frames, contact our sales office for details.

We can manufacture and test in accordance with the requirements of any international specification.

TOTAL SEC VA RATING	SIZE (in mm) W x D x H	DISPATCH WITHIN
0.5VA	30 x 25 x 23	7/10 days
1VA	38 x 32 x 28	
4VA	43 x 36 x 31	
6VA	48 x 40 x 33	
10VA	58 x 48 x 44	
12VA	58 x 48 x 50	
20VA	67 x 56 x 50	
30VA	76 x 64 x 56	
50VA	76 x 64 x 68	

Contact our sales office for details of prices.



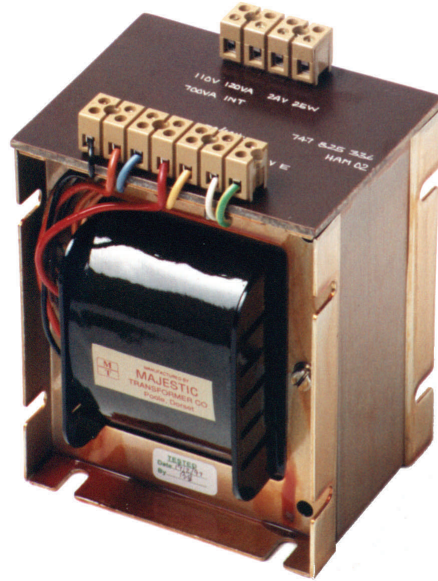
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LIST D

CONTROL TRANSFORMERS



Typical applications for this type of transformer are motor control, machine tool control, control panels, alarm systems, distribution boards etc. The transformers are supplied as open types with universal frames for vertical or horizontal mounting and either terminal blocks or brass stud connections.

Virtually any combination of voltage and current, at any frequency, can be supplied on both primary and secondary. In addition, multiple primary and secondary windings can be accommodated. Complex or high voltage windings may require a larger frame size to be used to accommodate the windings. Transformers in this range can also have fuses fitted on the top panel, details on request from our sales office.

TOTAL SEC VA RATING	SIZE (in mm) W x D x H	DISPATCH WITHIN
20VA	66 x 51 x 75	7/10 days
50VA	67 x 67 x 100	
100VA	84 x 102 x 122	
200VA	99 x 102 x 141	
250VA	114 x 115 x 157	
500VA	114 x 153 x 157	
750VA	140 x 152 x 188	
1kVA	140 x 178 x 188	10/14 days
2kVA	165 x 170 x 220	
4kVA	196 x 210 x 260	
6kVA	196 x 260 x 260	2/4 weeks
9kVA	356 x 230 x 340	
20kVA	356 x 280 x 340	
30kVA	356 x 360 x 340	

Other ratings are available, between the ratings quoted above contact our sales office for details.



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AUTO TRANSFORMERS **FOR USE WITH AMERICAN EQUIPMENT**



Our transformers for this application are AUTO-WOUND with a secondary voltage of 110 - 120V.

The transformers are enclosed in portable silver grey cases with standard American socket outlets and UK standard cable & plug input. All units are fused on the input winding. All units have rubber feet and those rated 500VA and above have a carrying handle for convenience.

The input voltage is 230V 50Hz and the ratings listed below are continuous.

POWER RATING IN WATTS	No. OF OUTLET SOCKETS	DELIVERY
50	1	EX STOCK
100	1	
200	1	
300	1	
400	1	
500	2	
750	2	
1000	2	
1500	2	
2000	2	

ALL PRICES SUBJECT TO VAT

Note Transformers of different voltages or larger power ratings than those shown above can be manufactured to order within 2 weeks.

Any extras i.e. switches, extra sockets, etc., can be added upon request.

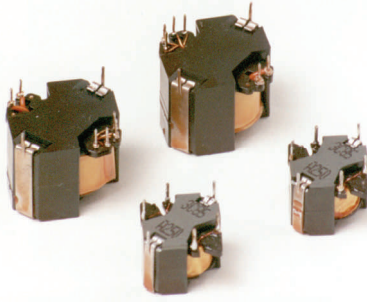


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FERRITE CORED TRANSFORMERS (SMPS)



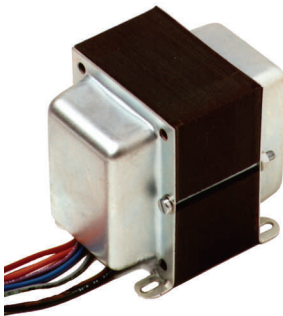
We can offer the full range of ferrite cored transformers and inductors utilising the Ferroxcube, Siemens, Thompson or MMG Neosid range of materials. Delivery lead times are dependant on stocks, however we are pleased to hold buffer stocks for regular items.

THREE PHASE CONTROL TRANSFORMERS

Three phase transformers, open style up to 125kVA rating. These transformers can be isolation type in accordance with the requirements of BS EN 61558, or auto wound in accordance with the requirements of BS 7452.



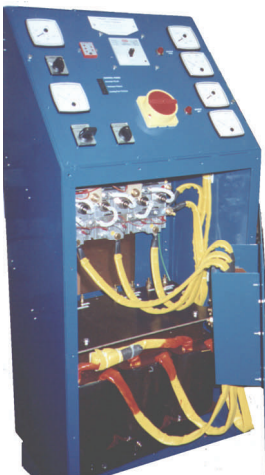
AUDIO EQUIPMENT TRANSFORMERS & CHOKES



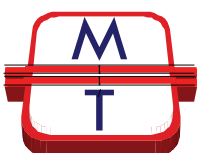
We are able to manufacture mains and output transformers to your exact requirements. These can be finished either fully shrouded, as illustrated, or half shrouded for sub-chassis mounting. In addition, we are able to manufacture a full range of chokes for filters.

CUSTOM BUILT POWER SUPPLIES

Custom built power supplies can be manufactured to your exact requirements. These can be single or three phase input, and AC or DC output. The output can be fixed voltage, or variable voltage: variable output may be adjustable in fixed steps or be continuously variable. The output can range from a few volts at several thousand amps to several thousand volts at a few milliamps.



You quote a specification and we will design a unit to meet your requirements



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