

# BLORE BOWRON

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## Encapsulated Toroidal Transformers

### 15VA to 500VA



A range of high quality encapsulated toroidal transformers of robust construction featuring a centre hole fixing and with flying lead connections. The transformers feature a single 230v A.C 50/60Hz primary winding with twin secondary windings which can be connected in series, parallel or centre tap enabling a wide choice of voltage and current combinations to be selected.

#### **Features:**

- ✓ Flash tested at 4000 Volts rms.
- ✓ Fully encapsulated to UL94V-0.
- ✓ Low level of radiated magnetic field.
- ✓ Operating frequency 50/60Hz.
- ✓ Flying leads 150mm long - stripped 5mm.
- ✓ 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 UL1411 file E115159
- ✓ No mounting screw supplied

UNDER NO CIRCUMSTANCES SHOULD BOTH ENDS OF THE METAL FIXING BOLT BE ALLOWED TO SIMULTANEOUSLY COME INTO CONTACT WITH THE METAL CHASSIS OR FRAMEWORK, AS THIS WILL CAUSE A "SHORTED TURN" RESULTING IN PERMANENT DAMAGE.

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Power VA	Part Number	Sec Voltage	Regulation	Approx Size Dia x Ht mm	Mounting Bolt	Weight Kg
15	TE01506	6V + 6V	16%	63 x 35	M5	0.34
	TE01509	9V + 9V				
	TE01512	12V + 12V				
	TE01515	15V + 15V				
	TE01518	18V + 18V				
	TE01525	25V + 25V				
30	TE03006	6V + 6V	12%	82 x 39	M5	0.62
	TE03009	9V + 9V				
	TE03012	12V + 12V				
	TE03015	15V + 15V				
	TE03018	18V + 18V				
	TE03025	25V + 25V				
50	TE05006	6V + 6V	11%	87 x 42	M5	0.84
	TE05009	9V + 9V				
	TE05012	12V + 12V				
	TE05015	15V + 15V				
	TE05018	18V + 18V				
	TE05025	25V + 25V				
80	TE08009	9V + 9V	10%	97 x 44	M6	1.12
	TE08012	12V + 12V				
	TE08015	15V + 15V				
	TE08018	18V + 18V				
	TE08025	25V + 25V				
100	TE10009	9V + 9V	10%	104 x 52	M6	1.50
	TE10012	12V + 12V				
	TE10015	15V + 15V				
	TE10018	18V + 18V				
	TE10025	25V + 25V				
120	TE12009	9V + 9V	7%	104 x 52	M6	1.62
	TE12012	12V + 12V				
	TE12015	15V + 15V				
	TE12018	18V + 18V				
	TE12025	25V + 25V				
160	TE16012	12V + 12V	7%	115 x 53	M6	2.05
	TE16015	15V + 15V				
	TE16018	18V + 18V				
	TE16025	25V + 25V				
	TE16030	30V x 30V				
225	TE22512	12V + 12V	6%	126 x 53	M6	2.50
	TE22515	15V + 15V				
	TE22518	18V + 18V				
	TE22525	25V + 25V				
	TE22530	30V x 30V				
300	TE30025	25V + 25V	5%	126 x 65	M6	3.19
	TE30030	30V x 30V				
	TE30035	35V x 35V				
	TE30055	55V x 55V				
500	TE50025	25V + 25V	5%	148 x 65	M8	4.57
	TE50030	30V x 30V				
	TE50035	35V x 35V				
	TE50040	40V x 40V				
	TE50045	45V x 45V				
	TE50050	50V x 50V				
TE50055	55V x 55V					