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TECHNOLOGY GROUP

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We buy your excess, underutilized, and idle equipment
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Custom engineering
so your equipment works exactly as you specify.

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Expert team | Trust guarantee | 100% satisfaction

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Clairtronic Ltd.

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Toroidal Transformer Range



A range of high quality open style toroidal transformers with twin 115V a.c. 50/60Hz primary windings which may be connected in series for 230V or parallel for 115V. Twin secondary windings may be connected in series or parallel or used independently.

- 115V + 115V primary winding
- Small size and low weight compared with traditional stacked laminated transformers.
- Low induced noise (hum)
- Low level of radiated magnetic field
- Flexible leadouts, for ease of installation
- 100% electrical and flash testing
- CE marked
- Supplied with full mounting kit
- Designed, manufactured and tested in accordance with EN61558, IEC742, UL506, UL1411 AND UL478.

Note: Under no circumstances should both ends of the fixing bolt simultaneously contact the metal chassis or framework. This would constitute a shorting and cause irreparable damage. When wiring the unit to devices, special attention should be given to the colours of leads to ensure correct connection and polarity. Any improper connections may render the unit unworkable.

IN THE INTEREST OF TECHNICAL IMPROVEMENT AND/OR CUSTOMER SERVICE CLAIRTRONIC LTD RESERVES THE RIGHT TO INTRODUCE MODIFIED SPECIFICATIONS TO ANY OF THE PRODUCTS ILLUSTRATED OR DESCRIBED IN THIS DATASHEET. E&OE

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Toroidal Transformer Range
Part Numbers and Technical Data

Part No.	VA	Primary	Secondary	Dia x H	Center Bolt	Reg % (typical)	Weight (approx)
12000	15	115V +115V	0-6V, 0-6V @ 1.25A	66 x 30	M5 x 45	13.7	0.35Kg
12001			0-9V, 0-9V @ 0.83A				
12002			0-12V, 0-12V @ 0.63A				
12003			0-15V, 0-15V @ 0.5A				
12004			0-18V, 0-18V @ 0.42A				
12005			0-25V, 0-25V @ 0.3A				
12010	30	115V +115V	0-6V, 0-6V @ 2.5A	71 x 31.5	M5 x 45	13.7	0.5Kg
12011			0-9V, 0-9V @ 1.67A				
12012			0-12V, 0-12V @ 1.25A				
12013			0-15V, 0-15V @ 1.0A				
12014			0-18V, 0-18V @ 0.83A				
12015			0-25V, 0-25V @ 0.6A				
12020	50	115V +115V	0-6V, 0-6V @ 4.17A	80 x 33	M5 x 45	11.8	0.76Kg
12021			0-9V, 0-9V @ 2.78A				
12022			0-12V, 0-12V @ 2.08A				
12023			0-15V, 0-15V @ 1.67A				
12024			0-18V, 0-18V @ 1.39A				
12025			0-25V, 0-25V @ 1.0A				
12026			0-55V, 0-55V @ 0.45A				
12100	80	115V +115V	0-9V, 0-9V @ 4.44A	87 x 45	M6 x 50	9.8	0.95Kg
12101			0-12V, 0-12V @ 3.33A				
12102			0-15V, 0-15V @ 2.67A				
12103			0-18V, 0-18V @ 2.22A				
12104			0-25V, 0-25V @ 1.6A				
12105			0-55V, 0-55V @ 0.73A				
12050	120	115V +115V	0-12V, 0-12V @ 5.0A	92 x 45	M6 x 50	10	1.5Kg
12051			0-15V, 0-15V @ 4.0A				
12052			0-18V, 0-18V @ 3.33A				
12053			0-25V, 0-25V @ 2.4A				
12054			0-30V, 0-30V @ 2.0A				
12055			0-55V, 0-55V @ 1.09A				
12060	160	115V +115V	0-12V, 0-12V @ 6.67A	103 x 45	M6 x 65	7	1.75Kg
12061			0-15V, 0-15V @ 5.33A				
12062			0-18V, 0-18V @ 4.44A				
12063			0-25V, 0-25V @ 3.2A				
12064			0-30V, 0-30V @ 2.67A				
12065			0-55V, 0-55V @ 1.45A				

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12110	225	115V +115V	0-12V, 0-12V @ 9.38A	113 x 53	M6 x 65	7	2.3Kg
12111			0-15V, 0-15V @ 7.5A				
12112			0-18V, 0-18V @ 6.3A				
12113			0-25V, 0-25V @ 4.5A				
12114			0-30V, 0-30V @ 3.75A				
12115			0-55V, 0-55V @ 2.05A				
12079	300	115V +115V	0-12V, 0-12V @ 12.5A	124 x 55	M6 x 65	6.4	2.75Kg
12080			0-15V, 0-15V @ 10.0A				
12081			0-18V, 0-18V @ 8.33A				
12082			0-25V, 0-25V @ 6.0A				
12083			0-30V, 0-30V @ 5.0A				
12084			0-35V, 0-35V @ 4.28A				
12085			0-55V, 0-55V @ 2.73A				
12092	500	115V +115V	0-25V, 0-25V @ 10.0A	135 x 58	M8 x 80	5	4.6Kg
12090			0-30V, 0-30V @ 8.33A				
12093			0-35V, 0-35V @ 7.14A				
12094			0-40V, 0-40V @ 6.25A				
12095			0-45V, 0-45V @ 5.56A				
12091			0-50V, 0-50V @ 5.0A				
12096			0-55V, 0-55V @ 4.55A				
12120	625	115V +115V	0-40V, 0-40V @ 7.81A	142 x 70	M8 x 80	4.5	5.2Kg
12121			0-45V, 0-45V @ 6.94A				
12122			0-50V, 0-50V @ 6.25A				
12123			0-55V, 0-55V @ 5.68A				
12130	800	115V +115V	0-40V, 0-40V @ 10.0A	168 x 62	M8 x 70	4.4	6.2Kg
12131			0-45V, 0-45V @ 8.89A				
12132			0-50V, 0-50V @ 8.0A				
12133			0-55V, 0-55V @ 7.27A				
12140	1000	115V +115V	0-40V, 0-40V @ 12.5A	174 x 70	M8 x 80	4	7.8Kg
12141			0-45V, 0-45V @ 11.11A				
12142			0-50V, 0-50V @ 10.0A				
12143			0-55V, 0-55V @ 9.09A				

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