

PCB MOUNTABLE TOROIDAL TRANSFORMERS

PRINTBARE RINGKERNTRANSFORMATOREN



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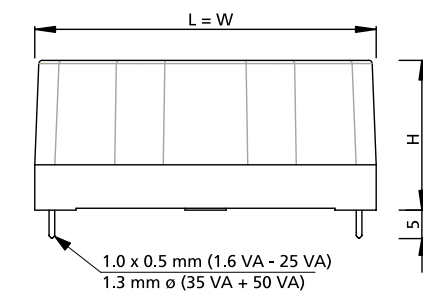
WEB www.alttec.de



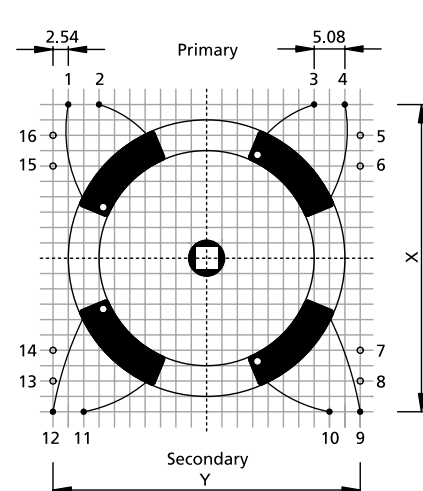
PCB MOUNTABLE TOROIDAL TRANSFORMERS

SERIES 60XX

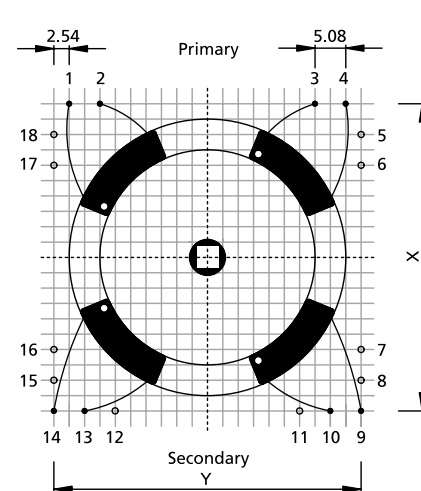
CIRCUIT DIAGRAM



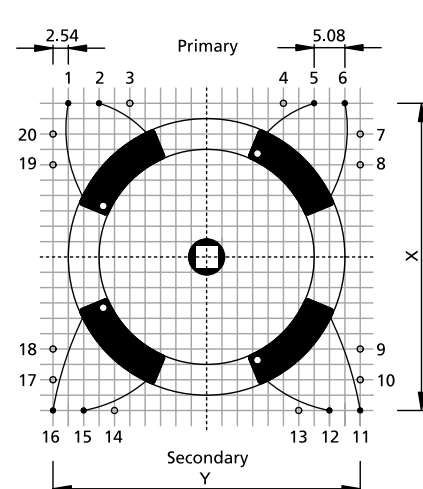
Für alle Typen gelten folgende Werte:
Specifications valid for all types:
Input voltage 2 x 115 V, 50/60 Hz
HV Test voltage 4.0 kV (prim - sec)
Ambient temperature T 70/F
Isolation class VDE F 155° C
Approbation VDE, UL, CE



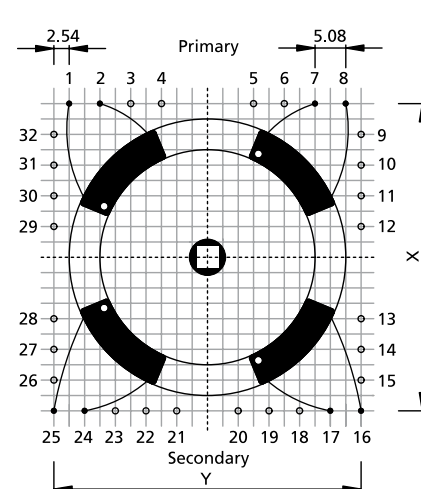
1.6 VA



3.2 VA
5 VA
7 VA
10 VA



15 VA
25 VA



35 VA
50 VA

1.6 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 39.6 x 39.6 x 18.5 mm X x Y = 35.56 x 35.56 mm Weight total = 80 g Weight Cu = 20 g Efficiency = 77 % External Fuse 32 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6000	2 x 7 V 114 mA	2 x 9 V	2 x 8.8 Ω	
	L01-6001	2 x 9 V 89 mA	2 x 11.6 V	2 x 15.8 Ω	
	L01-6002	2 x 12 V 67 mA	2 x 15.4 V	2 x 26.9 Ω	
	L01-6003	2 x 15 V 53 mA	2 x 19.3 V	2 x 43.4 Ω	
	L01-6004	2 x 18 V 44 mA	2 x 23.4 V	2 x 65.9 Ω	
	* L01-6005	2 x 22 V 36 mA	2 x 28.2 V	2 x 88.1 Ω	
3.2 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 44.7 x 44.7 x 19.5 mm X x Y = 40.64 x 40.64 mm Weight total = 110 g Weight Cu = 26 g Efficiency = 70 % External Fuse 32 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6010	2 x 7 V 229 mA	2 x 10.2 V	2 x 7.0 Ω	
	L01-6011	2 x 9 V 178 mA	2 x 13.0 V	2 x 11.3 Ω	
	L01-6012	2 x 12 V 133 mA	2 x 17.3 V	2 x 20.7 Ω	
	L01-6013	2 x 15 V 107 mA	2 x 21.4 V	2 x 28.9 Ω	
	L01-6014	2 x 18 V 89 mA	2 x 24.9 V	2 x 45.4 Ω	
	* L01-6015	2 x 22 V 73 mA	2 x 31.3 V	2 x 62.2 Ω	
5 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 49.7 x 49.7 x 19.5 mm X x Y = 45.72 x 45.72 mm Weight total = 144 g Weight Cu = 33 g Efficiency = 68 % External Fuse 50 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6020	2 x 7 V 357 mA	2 x 9.7 V	2 x 4.0 Ω	
	L01-6021	2 x 9 V 278 mA	2 x 12.4 V	2 x 6.5 Ω	
	L01-6022	2 x 12 V 208 mA	2 x 17.0 V	2 x 12.3 Ω	
	L01-6023	2 x 15 V 167 mA	2 x 21.3 V	2 x 19.0 Ω	
	L01-6024	2 x 18 V 139 mA	2 x 24.8 V	2 x 28.8 Ω	
	* L01-6025	2 x 22 V 114 mA	2 x 30.5 V	2 x 39.1 Ω	
7 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 49.7 x 49.7 x 23.1 mm X x Y = 45.72 x 45.72 mm Weight total = 174 g Weight Cu = 36 g Efficiency = 74 % External Fuse 63 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6030	2 x 7 V 500 mA	2 x 9.5 V	2 x 2.5 Ω	
	L01-6031	2 x 9 V 389 mA	2 x 12.2 V	2 x 4.1 Ω	
	L01-6032	2 x 12 V 292 mA	2 x 16.2 V	2 x 7.7 Ω	
	L01-6033	2 x 15 V 233 mA	2 x 20.3 V	2 x 12.0 Ω	
	L01-6034	2 x 18 V 194 mA	2 x 24.3 V	2 x 17.9 Ω	
	* L01-6035	2 x 22 V 159 mA	2 x 29.7 V	2 x 24.4 Ω	
10 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 55.0 x 55.0 x 26.0 mm X x Y = 50.80 x 50.80 mm Weight total = 252 g Weight Cu = 45 g Efficiency = 82 % External Fuse 80 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6040	2 x 7 V 714 mA	2 x 8.3 V	2 x 1.0 Ω	
	L01-6041	2 x 9 V 556 mA	2 x 10.8 V	2 x 1.7 Ω	
	L01-6042	2 x 12 V 417 mA	2 x 14.4 V	2 x 3.2 Ω	
	L01-6043	2 x 15 V 333 mA	2 x 18.0 V	2 x 5.0 Ω	
	L01-6044	2 x 18 V 278 mA	2 x 21.7 V	2 x 7.5 Ω	
	* L01-6045	2 x 22 V 227 mA	2 x 26.3 V	2 x 10.3 Ω	
15 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 60.0 x 60.0 x 26.3 mm X x Y = 55.88 x 55.88 mm Weight total = 304 g Weight Cu = 57 g Efficiency = 80 % External Fuse 100 mA (stb) at 230 V Fixing = M4 or self tapping screw
	L01-6050	2 x 7 V 1071 mA	2 x 8.9 V	2 x 0.85 Ω	
	L01-6051	2 x 9 V 833 mA	2 x 11.1 V	2 x 1.3 Ω	
	L01-6052	2 x 12 V 625 mA	2 x 14.8 V	2 x 2.3 Ω	
	L01-6053	2 x 15 V 500 mA	2 x 18.5 V	2 x 3.1 Ω	
	L01-6054	2 x 18 V 417 mA	2 x 22.2 V	2 x 5.3 Ω	
	* L01-6055	2 x 22 V 341 mA	2 x 27.2 V	2 x 7.4 Ω	
25 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 60.0 x 60.0 x 37.5 mm X x Y = 55.88 x 55.88 mm Weight total = 435 g Weight Cu = 85 g Efficiency = 83 % External Fuse 100 mA (stb) at 230 V Fixation = M4 or self tapping screw
	L01-6060	2 x 7 V 1785 mA	2 x 8.3 V	2 x 0.4 Ω	
	L01-6061	2 x 9 V 1377 mA	2 x 10.7 V	2 x 0.7 Ω	
	L01-6062	2 x 12 V 1041 mA	2 x 14.3 V	2 x 1.3 Ω	
	L01-6063	2 x 15 V 832 mA	2 x 17.8 V	2 x 2.0 Ω	
	L01-6064	2 x 18 V 694 mA	2 x 21.4 V	2 x 2.7 Ω	
	* L01-6065	2 x 22 V 568 mA	2 x 26.2 V	2 x 4.1 Ω	
35 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 72.0 x 72.0 x 37.5 mm X x Y = 66.04 x 66.04 mm Weight total = 525 g Weight Cu = 187 g Efficiency = 82 % External Fuse 200 mA (stb) at 230 V Fixing = M5 or self tapping screw
	L01-6070	2 x 7 V 2500 mA	2 x 8.2 V	2 x 0.19 Ω	
	L01-6071	2 x 9 V 1944 mA	2 x 10.6 V	2 x 0.32 Ω	
	L01-6072	2 x 12 V 1458 mA	2 x 14.0 V	2 x 0.53 Ω	
	L01-6073	2 x 15 V 1167 mA	2 x 17.6 V	2 x 0.84 Ω	
	L01-6074	2 x 18 V 972 mA	2 x 20.9 V	2 x 1.10 Ω	
	* L01-6075	2 x 22 V 795 mA	2 x 25.7 V	2 x 1.34 Ω	
50 VA	Part Number	Secondary	No load voltage	Resistance 20 °C	L x W x H = 82.4 x 82.4 x 37.5 mm X x Y = 76.2 x 76.2 mm Weight total = 685 g Weight Cu = 209 g Efficiency = 85 % External Fuse 315 mA (stb) at 230 V Fixing = M5 or self tapping screw
	L01-6080	2 x 7 V 3571 mA	2 x 8.1 V	2 x 0.13 Ω	
	L01-6081	2 x 9 V 2777 mA	2 x 10.4 V	2 x 0.20 Ω	
	L01-6082	2 x 12 V 2083 mA	2 x 13.9 V	2 x 0.34 Ω	
	L01-6083	2 x 15 V 1666 mA	2 x 17.3 V	2 x 0.54 Ω	
	L01-6084	2 x 18 V 1389 mA	2 x 20.8 V	2 x 0.82 Ω	
	* L01-6085	2 x 22 V 1136 mA	2 x 25.4 V	2 x 1.25 Ω	

* keine VDE Zulassung without VDE approval

