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Standard Encapsulated P.C.B. Mounting Transformers 0.5VA To 55VA Fully Approved

A comprehensive range of high quality PCB mounting encapsulated mains transformers, with 230v primary windings and a choice of single or twin secondary windings, which can be connected in series / parallel or centre tapped configurations to provide a wide range output voltage / current combinations.

The transformers in the ranges 0.5VA to 2.6VA (ta 70°C) are inherently short circuit proof and all types are certificated, designed and tested to meet the requirements of EN61558 / VDE0570 / ENEC10 / CSA / UL. Manufactured using split bobbin construction and vacuum encapsulation.



Encapsulated P.C.B Fully Mounting Transformers 0.5VA to 55VA

Single Secondary Winding						Twin Secondary Winding					
VA Rating	Input Volts	Output Volts (RMS)	Pin Connections Pry / Sec	Pin Layout Drawing	Part Number	VA Rating	Input Volts	Output Volts (RMS)	Pin Connections Pry / Sec / Sec	Pin Layout Drawing	Part Number
EI30x5 0.5VA	230v	6v	1+5 / 7+9	1	M1001	EI30x5 0.5VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	1	M2001
	230v	7.5v	1+5 / 7+9	1	M1002		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	1	M2002
	230v	9v	1+5 / 7+9	1	M1003		230v	9v + 9v	1+5 / 6 + 7 / 9+10	1	M2003
	230v	12v	1+5 / 7+9	1	M1004		230v	12v + 12v	1+5 / 6 + 7 / 9+10	1	M2004
	230v	15v	1+5 / 7+9	1	M1005		230v	15v + 15v	1+5 / 6 + 7 / 9+10	1	M2005
	230v	18v	1+5 / 7+9	1	M1006		230v	18v + 18v	1+5 / 6 + 7 / 9+10	1	M2006
	230v	24v	1+5 / 7+9	1	M1007		230v	24v + 24v	1+5 / 6 + 7 / 9+10	1	M2007
EI30x12.5 1.5VA	230v	6v	1+5 / 7+9	1	M1011	EI30x12.5 1.5VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	1	M2011
	230v	7.5v	1+5 / 7+9	1	M1012		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	1	M2012
	230v	9v	1+5 / 7+9	1	M1013		230v	9v + 9v	1+5 / 6 + 7 / 9+10	1	M2013
	230v	12v	1+5 / 7+9	1	M1014		230v	12v + 12v	1+5 / 6 + 7 / 9+10	1	M2014
	230v	15v	1+5 / 7+9	1	M1015		230v	15v + 15v	1+5 / 6 + 7 / 9+10	1	M2015
	230v	18v	1+5 / 7+9	1	M1016		230v	18v + 18v	1+5 / 6 + 7 / 9+10	1	M2016
	230v	24v	1+5 / 7+9	1	M1017		230v	24v + 24v	1+5 / 6 + 7 / 9+10	1	M2017
EI30x15.5 2.0VA	230v	6v	1+5 / 7+9	1	M1021	EI30x15.5 2.0VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	1	M2021
	230v	7.5v	1+5 / 7+9	1	M1022		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	1	M2022
	230v	9v	1+5 / 7+9	1	M1023		230v	9v + 9v	1+5 / 6 + 7 / 9+10	1	M2023
	230v	12v	1+5 / 7+9	1	M1024		230v	12v + 12v	1+5 / 6 + 7 / 9+10	1	M2024
	230v	15v	1+5 / 7+9	1	M1025		230v	15v + 15v	1+5 / 6 + 7 / 9+10	1	M2025
	230v	18v	1+5 / 7+9	1	M1026		230v	18v + 18v	1+5 / 6 + 7 / 9+10	1	M2026
	230v	24v	1+5 / 7+9	1	M1027		230v	24v + 24v	1+5 / 6 + 7 / 9+10	1	M2027
EI30x18 2.3VA	230v	6v	1+5 / 7+9	1	M1031	EI30x18 2.3VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	1	M2031
	230v	7.5v	1+5 / 7+9	1	M1032		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	1	M2032
	230v	9v	1+5 / 7+9	1	M1033		230v	9v + 9v	1+5 / 6 + 7 / 9+10	1	M2033
	230v	12v	1+5 / 7+9	1	M1034		230v	12v + 12v	1+5 / 6 + 7 / 9+10	1	M2034
	230v	15v	1+5 / 7+9	1	M1035		230v	15v + 15v	1+5 / 6 + 7 / 9+10	1	M2035
	230v	18v	1+5 / 7+9	1	M1036		230v	18v + 18v	1+5 / 6 + 7 / 9+10	1	M2036
	230v	24v	1+5 / 7+9	1	M1037		230v	24v + 24v	1+5 / 6 + 7 / 9+10	1	M2037
EI30x24 2.6VA	230v	6v	1+5 / 7+9	1	M1041	EI30x24 2.6VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	1	M2041
	230v	7.5v	1+5 / 7+9	1	M1042		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	1	M2042
	230v	9v	1+5 / 7+9	1	M1043		230v	9v + 9v	1+5 / 6 + 7 / 9+10	1	M2043
	230v	12v	1+5 / 7+9	1	M1044		230v	12v + 12v	1+5 / 6 + 7 / 9+10	1	M2044
	230v	15v	1+5 / 7+9	1	M1045		230v	15v + 15v	1+5 / 6 + 7 / 9+10	1	M2045
	230v	18v	1+5 / 7+9	1	M1046		230v	18v + 18v	1+5 / 6 + 7 / 9+10	1	M2046
	230v	24v	1+5 / 7+9	1	M1047		230v	24v + 24v	1+5 / 6 + 7 / 9+10	1	M2047
EI38x13.6 3.2VA	230v	6v	1+5 / 7+9	2	M1051	EI38x13.6 3.2VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	2	M2051
	230v	7.5v	1+5 / 7+9	2	M1052		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	2	M2052
	230v	9v	1+5 / 7+9	2	M1053		230v	9v + 9v	1+5 / 6 + 7 / 9+10	2	M2053
	230v	12v	1+5 / 7+9	2	M1054		230v	12v + 12v	1+5 / 6 + 7 / 9+10	2	M2054
	230v	15v	1+5 / 7+9	2	M1055		230v	15v + 15v	1+5 / 6 + 7 / 9+10	2	M2055
	230v	18v	1+5 / 7+9	2	M1056		230v	18v + 18v	1+5 / 6 + 7 / 9+10	2	M2056
	230v	24v	1+5 / 7+9	2	M1057		230v	24v + 24v	1+5 / 6 + 7 / 9+10	2	M2057
EI42x14.8 5VA	230v	6v	1+5 / 7+9	3	M1061	EI42x14.8 5VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	3	M2061
	230v	7.5v	1+5 / 7+9	3	M1062		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	3	M2062
	230v	9v	1+5 / 7+9	3	M1063		230v	9v + 9v	1+5 / 6 + 7 / 9+10	3	M2063
	230v	12v	1+5 / 7+9	3	M1064		230v	12v + 12v	1+5 / 6 + 7 / 9+10	3	M2064
	230v	15v	1+5 / 7+9	3	M1065		230v	15v + 15v	1+5 / 6 + 7 / 9+10	3	M2065
	230v	18v	1+5 / 7+9	3	M1066		230v	18v + 18v	1+5 / 6 + 7 / 9+10	3	M2066
	230v	24v	1+5 / 7+9	3	M1067		230v	24v + 24v	1+5 / 6 + 7 / 9+10	3	M2067

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Single Secondary Winding						Twin Secondary Winding						
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EI48x16.8 10VA	230v	6v	1+ 6 / 8 + 11	4	M1071	EI48x16.8 10VA	230v	6v + 6v	1+ 6 / 7+ 8 / 11+12	4	4	M2071
	230v	7.5v	1+ 6 / 8 + 11	4	M1072		230v	7.5v + 7.5v	1+ 6 / 7+ 8 / 11+12	4	4	M2072
	230v	9v	1+ 6 / 8 + 11	4	M1073		230v	9v + 9v	1+ 6 / 7+ 8 / 11+12	4	4	M2073
	230v	12v	1+ 6 / 8 + 11	4	M1074		230v	12v + 12v	1+ 6 / 7+ 8 / 11+12	4	4	M2074
	230v	15v	1+ 6 / 8 + 11	4	M1075		230v	15v + 15v	1+ 6 / 7+ 8 / 11+12	4	4	M2075
	230v	18v	1+ 6 / 8 + 11	4	M1076		230v	18v + 18v	1+ 6 / 7+ 8 / 11+12	4	4	M2076
	230v	24v	1+ 6 / 8 + 11	4	M1077		230v	24v + 24v	1+ 6 / 7+ 8 / 11+12	4	4	M2077
EI54x18.8 16VA	230v	6v	1+ 5 / 7+ 9	5	M1081	EI54x18.8 16VA	230v	6v + 6v	1+5 / 6 + 7 / 9+10	5	5	M2081
	230v	7.5v	1+ 5 / 7+ 9	5	M1082		230v	7.5v + 7.5v	1+5 / 6 + 7 / 9+10	5	5	M2082
	230v	9v	1+ 5 / 7+ 9	5	M1083		230v	9v + 9v	1+5 / 6 + 7 / 9+10	5	5	M2083
	230v	12v	1+ 5 / 7+ 9	5	M1084		230v	12v + 12v	1+5 / 6 + 7 / 9+10	5	5	M2084
	230v	15v	1+ 5 / 7+ 9	5	M1085		230v	15v + 15v	1+5 / 6 + 7 / 9+10	5	5	M2085
	230v	18v	1+ 5 / 7+ 9	5	M1086		230v	18v + 18v	1+5 / 6 + 7 / 9+10	5	5	M2086
	230v	24v	1+ 5 / 7+ 9	5	M1087		230v	24v + 24v	1+5 / 6 + 7 / 9+10	5	5	M2087
EI66x23 34VA	230v	6v	1+ 8 / 11+ 14	6	M1091	EI66x23 35VA	230v	6v + 6v	1+8 / 9+10 / 15+16	6	6	M2091
	230v	7.5v	1+ 8 / 11+ 14	6	M1092		230v	7.5v + 7.5v	1+8 / 9+10 / 15+16	6	6	M2092
	230v	9v	1+ 8 / 11+ 14	6	M1093		230v	9v + 9v	1+8 / 9+10 / 15+16	6	6	M2093
	230v	12v	1+ 8 / 11+ 14	6	M1094		230v	12v + 12v	1+8 / 9+10 / 15+16	6	6	M2094
	230v	15v	1+ 8 / 11+ 14	6	M1095		230v	15v + 15v	1+8 / 9+10 / 15+16	6	6	M2095
	230v	18v	1+ 8 / 11+ 14	6	M1096		230v	18v + 18v	1+8 / 9+10 / 15+16	6	6	M2096
	230v	24v	1+ 8 / 11+ 14	6	M1097		230v	24v + 24v	1+8 / 9+10 / 15+16	6	6	M2097
EI66x34 55VA	230v	6v	1+ 8 / 11+ 14	6	M1101	EI66x34 55VA	230v	6v + 6v	1+8 / 9+10 / 15+16	6	6	M2101
	230v	7.5v	1+ 8 / 11+ 14	6	M1102		230v	7.5v + 7.5v	1+8 / 9+10 / 15+16	6	6	M2102
	230v	9v	1+ 8 / 11+ 14	6	M1103		230v	9v + 9v	1+8 / 9+10 / 15+16	6	6	M2103
	230v	12v	1+ 8 / 11+ 14	6	M1104		230v	12v + 12v	1+8 / 9+10 / 15+16	6	6	M2104
	230v	15v	1+ 8 / 11+ 14	6	M1105		230v	15v + 15v	1+8 / 9+10 / 15+16	6	6	M2105
	230v	18v	1+ 8 / 11+ 14	6	M1106		230v	18v + 18v	1+8 / 9+10 / 15+16	6	6	M2106
	230v	24v	1+ 8 / 11+ 14	6	M1107		230v	24v + 24v	1+8 / 9+10 / 15+16	6	6	M2107

For conformance reasons transformers with 2x15v and 2x24v outputs should not have their secondaries connected in series

Not VDE Approved

Not classified as a safety transformer

Other primary and secondary voltage combinations are available upon request.

Dimensions

TEMPERATURE CLASS ta70° C/B		0.5VA	1.5VA	2.0VA	2.3VA	2.6VA	3.2VA	5.0VA	10VA	16VA	34VA	55VA
WIDTH	A	32.5	32.5	32.5	32.5	32.5	41	44.5	50.5	57.7	70.6	70.6
LENGTH	B	27.5	27.5	27.5	27.5	27.5	34.5	37.7	42.5	48.2	59.5	59.5
HEIGHT	C	14.9	24	26.5	29.5	34.8	27.8	32.5	34.7	39.1	49	60
	D	11.5	20	22.5	25.5	31	23	25.7	28.5	32	40	51
	E	20	20	20	20	20	20	25	25	35	35	35
PIN ROW SEPARATION	F	20	20	20	20	20	25	27.5	27.5	30	35	35
MOUNTING DIMENSIONS	G								60.6	65	77.5	77.5
MOUNTING DIMENSIONS	L									37.7	47.5	47.5
NO' OF MOUNTING LUGS									2	4	4	4
MOUNTING HOLE SIZE	I								4.5	4.5	4.5	4.5
EXTREME DIMENSION	H								68.5	74.6	87	87
PIN DIAMETER	J	0.8	0.8	0.8	0.8	0.8	See Drg	0.8	0.8	0.8	See Drg	See Drg
WEIGHT	Kg	0.043	0.09	0.10	0.11	0.14	0.15	0.16	0.30	0.41	0.74	1.05
TRANSFORMER DIAGRAM		1	1	1	1	1	2	3	4	5	6	6

Encapsulated P.C.B Fully Mounting Transformers 0.5VA to 55VA

