

SPECIFICATIONS

Aluminum Foil Transformers

SINGLE PHASE 400 HZ (OPEN FRAME)								
Rating	Type	Primary	Secondary	Width	Length	Height	Weight	Part Number
25VA	Auto	115	5	1.70 (43)	2.50 (63.5)	2.80 (71)	.71(.32)	FT1135
55VA	Iso	115	17.5	1.65 (42)	1.81 (46)	3.63 (67)	.54 (.24)	FT1149
100VA	Auto	115	27.5	1.70 (43)	2.50 (63.5)	2.70 (68.5)	.60 (.27)	FT1133
300VA	Auto	115	28.0	2.75 (70)	3.10 (79)	2.90 (74)	.81 (.37)	FT1134
350VA	Auto	114/110	28/24/21	2.20 (56)	3.00 (76)	2.56 (65)	.80 (.36)	FT1107
500VA	Auto	118/114/110	48/39	2.20 (56)	3.00 (76)	2.56 (65)	.91 (.41)	FT1164
750VA	Auto	118/114/110	28.0	2.20 (56)	3.00 (56)	3.05 (77.5)	1.30 (.58)	FT1046
1.75KVA	Auto	115	200/280/350	3.50 (89)	3.50 (89)	3.75 (95)	2.40 (1.08)	FT1003
2.5KVA	Auto	115	28.0	3.50 (95)	3.75 (95)	4.00 (102)	2.90 (1.32)	FT1001
6.0KVA	Auto	120	240	3.62 (92)	3.63 (92)	4.85 (123)	6.0 (2.72)	FT1238

MULTIPHASE TRANSFORMERS									
Rating	Type	Freq	Primary	Secondary	Width	Length	Height	Weight	Part Number
750VA	YY	400	115	230	3.00 (76)	3.09 (78)	3.18 (81)	1.35 (.61)	FT1235
2.0KVA	YΔ	400	208	21.0 ΔY	5.10 (129)	5.15 (131)	2.86 (73)	5.2 (2.35)	FT1241
3.0KVA	ΔY	400	200 Δ	73 Y	3.30 (84)	5.95 (151)	3.70 (94)	6.5 (2.95)	FT1210
5.0 KVA	ΔY	400	115 Δ	31.0 Y	3.897 (98)	4.91 (125)	5.43 (138)	8.2 (3.72)	FT1322
6.0KVA	YΔ	400 (ISO)	208 Y	208 Δ	3.25 (83)	7.20 (183)	4.75 (121)	8.3 (3.76)	FT1240
7.5KVA	YY	400	208Y	208 Y	3.25 (83)	7.10 (180)	4.75 (121)	8.6 (3.90)	FT1329

Dimensions are in inches (mm); Weight is in pounds (kg).

This technical presentation primarily addresses aspects of Electrocube's aluminum foil transformers technology. Transformer designs utilizing copper foil may be optimally designed for applications where electrical efficiency aspects for performance are most critical. Copper foil designs will be heavier than the aluminum foil equivalent. However, attributes of physical size and weight will be reduced in comparison to a copper wire-wound equivalent. In addition, these transformers will enjoy the same performance enhancements, as described for the aluminum foil units.



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