

Series Isolating Transformers

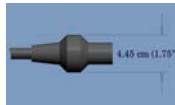


Airport Equipment
Qualified to
FAA Specification
AC 150/5345-47

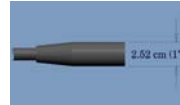
GENERAL INFORMATION

- Secondary Connector configurations

- suffix 01
"Tennis Ball"
FAA Style 8



- suffix 10
"Straight"
FAA Style 7



- Grounded transformers :Unlike the FAA, ICAO recommends that each transformer have an earth (ground) connection for one side of the secondary (large socket, white wire). Any Amerace® transformer can be supplied with an earth stud to meet this recommendation. To specify, add the letter G to the catalog number as follows -a TA045666-01 would become a TAG045666-01.

FAA SPECIFICATION L 830 60 Hz *

FAA DESIGNATION	Amerace Catalog no.	Rated Watts	Pri/Sec. Amps	Fig. (See Page 9)	T Dim. (cm/in.)	Primary Lead Length (cm/in.)	Sec. Lead Length (m/in.)	Weight (Kg.)	Weight (Lb)
L830-1	TA045666-xx	30/45	6.6/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,4	5.2
L830-2	TA045266-xx	30/45	20/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,3	5.0
L830-3	TA065666-xx	65	6.6/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,4	5.25
L830-4	TA10066D-xx	100	6.6/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,5	7.7
L830-5	TA100266-xx	100	20/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,6	8.0
L830-6	TA200666-xx	200	6.6/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8
L830-7	TA200266-xx	200	20/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8
L830-8	TA300626-xx	300	6.6/20	4	11,4 / 4.5	60 / 24"	1.2 / 48"	6,9	15.1
L830-9	TA300226-xx	300	20/20	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,7	17
L830-10	TA300666-xx	300	6.6/6.6	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,2	15.8
L830-11	TA300266-xx	300	20/6.6	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,9	17.5
L830-12	TA500626-xx	500	6.6/20	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,0	17.6
L830-13	TA500226-xx	500	20/20	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,4	18.5
L830-14	TA500666-xx	500	6.6/6.6	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,0	17.6
L830-15	TA500266-xx	500	20/6.6	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,4	18.5
L830-16	TA010666-xx	10/15	6.6/6.6	1	6, 6 / 2.6	60 / 24"	1.2 / 48"	1,30	2.88
L830-17	TA025666-xx	20/25	6.6/6.6	1	7,8 / 3.1	60 / 24"	1.2 / 48"	1,45	3.20
L830-18	TA150666-xx	150	6.6/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,6	8.0
L830-19	TA150266-xx	150	20/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8

* All FAA certified transformers are BAA compliant

xx - suffix : - 01 "Tennis Ball" FAA L823 Style 8 " Used on frangible coupling light fixtures"

-10 "Straight" FAA L823 ,Style 7

Series Isolating Transformers



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FAA SPECIFICATION L 831 50 Hz *

FAA DESIGNATION	Amerace Catalog no.	Rated Watts	Pri. / Sec. Amps	Fig. (See Page 8)	T Dim. (cm/in.)	Primary Lead Length (cm/in.)	Sec. Lead Length (m/in.)	Weight (Kg.)	Weight (Lb)
L831-1	TA045665-xx	30/45	6.6/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,4	5.2
L831-2	TA045265-xx	30/45	20/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,3	5.0
L831-3	TA065665-xx	65	6.6/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,5	5.5
L831-4	TA10066D-xx	100	6.6/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,3	7.7
L831-5	TA100265-xx	100	20/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,6	8.0
L831-6	TA200665-xx	200	6.6/6.6	4	9,9 / 3.9	60 / 24"	1.2 / 48"	5,6	12.40
L831-7	TA200265-xx	200	20/6.6	4	9,9 / 3.9	60 / 24"	1.2 / 48"	5,9	13.00
L831-8	TA300625-xx	300	6.6/20	4	11,4 / 4.5	60 / 24"	1.2 / 48"	6,9	15.1
L831-9	TA300225-xx	300	20/20	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,7	17
L831-10	TA300665-xx	300	6.6/6.6	4	12,5 / 4.9	60 / 24"	1.2 / 48"	7,9	17.5
L831-11	TA300265-xx	300	20/6.6	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,9	17.5
L831-12	TA500625-xx	500	6.6/20	4	12,5 / 4.9	60 / 24"	1.2 / 48"	7,7	17.0
L831-13	TA500225-xx	500	20/20	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,4	18.5
L831-14	TA500665-xx	500	6.6/6.6	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,5	18.7
L831-15	TA500265-xx	500	20/6.6	4	12,5 / 4.9	60 / 24"	1.2 / 48"	8,5	18.7
L831-16	TA010665-xx	10/15	6.6/6.6	1	6,6 / 2.6	60 / 24"	1.2 / 48"	1,40	3.04
L831-17	TA025665-xx	20/25	6.6/6.6	1	7,8 / 3.1	60 / 24"	1.2 / 48"	1,45	3.20
L831-18	TA150665-xx	150	6.6/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,8	10.5
L831-19	TA150265-xx	150	20/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8

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-10 "Straight" FAA L823 ,Style 7

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**CSA CERTIFIED TRANSFORMERS
(Canada)- With lay-in ground lug**



Amerace Catalog no.	Rated Watts	Pri. / Sec. Amps	Fig. (See Pg 9)	T Dim. (cm/in.)	Primary Lead Length (cm/in.)	Sec. Lead Length (m/in.)	Weight (Kg.)	
CTAG010666-xx	10/15	6.6/6.6	1	6, 6 / 2.6	60 / 24"	1.2 / 48"	1,30	2.88
CTAG0255666-xx	20/25	6.6/6.6	1	7,8 / 3.1	60 / 24"	1.2 / 48"	1,45	3.20
CTAG045666-xx	30/45	6.6/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,4	5.2
CTAG04566D-xx	30/45	6.6/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,1	6.9
CTA10066D-xx	100	6.6/6.6	3	8,9 / 3.5	60 / 24"	1.2 / 48"	3,3	7.7
CTAG150666-xx	150	6.6/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8
CTAG200666-xx	200	6.6/6.6	4	9,1 / 3.6	60 / 24"	1.2 / 48"	4,9	10.8
CTAG250626-xx	200	6.6/20	4	9,9 / 3.9	60 / 24"	1.2 / 48"	5,6	12.4
CTAG300666-xx	300	6.6/6..6	4	11,4 / 4.5	60 / 24"	1.2 / 48"	7,1	15.8
TAG500666-xx CS058*	500	6.6/6.6	4	12,,5/4.9	60 / 24"	1.2 / 48"	9,0	19.1

CS058* : Not CSA certified : Market demand of this product does not justify the CSA certification cost.

IAF COMPLIANT TRANSFORMERS (India)

Amerace Catalog no.	Rated Watts	Pri/Sec. Amps	Fig. (See Page 9)	T Dim. (cm/in.)	Primary Lead Length (cm/in.)	Sec. Lead Length (m/in.)	Weight (Kg.)	
TA045865-01 CS068	30/45	8.3/6.6	2	8,6 / 3.4	60 / 24"	1.2 / 48"	2,4	5.2
TA065865-01-CS069	65	8.3/6.6	2	8,9 / 3.4	60 / 24"	1.2 / 48"	3,3	7.7
TA200865-01 CS070	200	8.3/6.6	4	9,9 / 3.9	60 / 24"	1.2 / 48"	5,6	12.40

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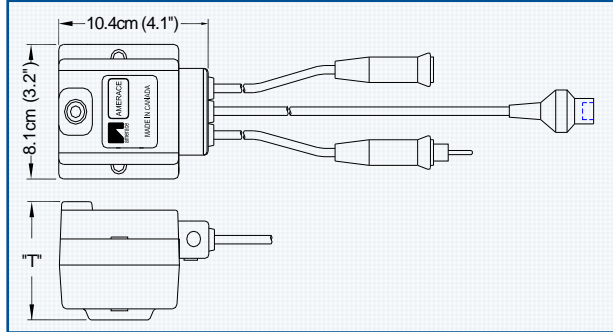


Figure 1 : 10-25 W (Super mini format)

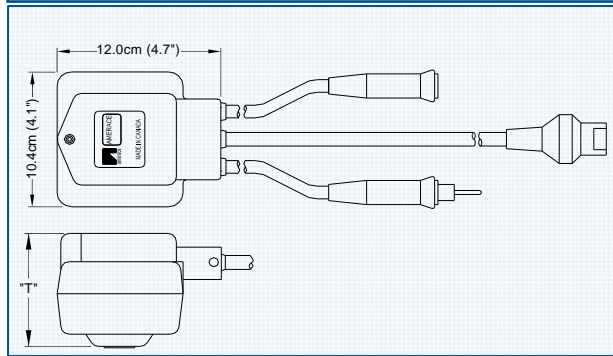


Figure 2 : 30-65 W (mini format)

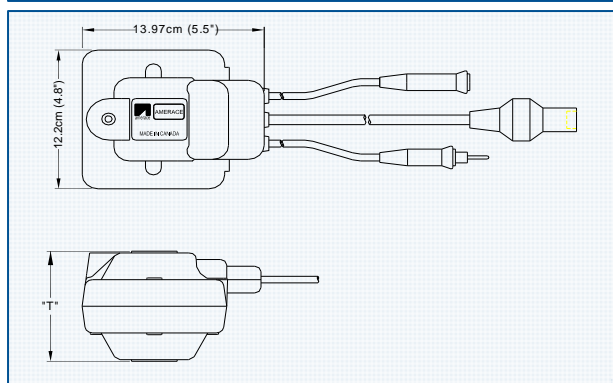


Figure 3 : 100-150 W (midi format)

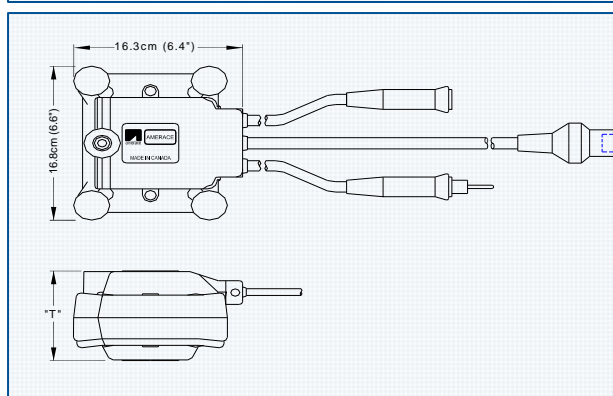


Figure 4 : 150-500 W (maxi format)