

L-830 / L-831 Series

Isolation Transformers



COMPLIANCES

FAA AC 150/5345-47

ETL Certified



PRODUCT APPLICATION

The L-830 / L-831 Series Isolation Transformers are used to isolate high operating voltages for constant current airfield lights in a series circuit. They are encapsulated and designed to operate efficiently while submerged in water. They are approved to operate between - 55 °C and + 65 °C and can be installed above ground, in metal cans or direct buried.

FEATURES

- ETL Certified.
- Totally Encapsulated.
- Primary Leads (2) with plug and receptacle.
- Secondary Lead (1) with two wire receptacle.

TECHNICAL DATA

The L-830 / L-831 Series Isolation Transformers are wound for 6.6 and 20AMP primary circuit applications. They are encapsulated in thermoplastic rubber for superior durability and dielectric strength and are manufactured with 2 primary and 1 secondary FAA L-823 listed leads.

The leads are:

Style 2 - Male Primary Lead on 8/1 cable, 24" long

Style 9 - Female Primary Lead on 8/1 cable, 24" long
(Both leads are rated 25AMP and 5,000V)

Style 8 - Female Secondary Lead on 12/2 SOW cable,
(rated 20AMP and 600V), 48" long

POWER & CONTROL EQUIPMENT - 4.6

ORDERING INFORMATION

L-830 Series

FAA Type	Part Number	Wattage	Primary/Secondary AMP	Design Frequency (Hz)	Weight (lb)
L-830-16	11717	10/15W	6.6/6.6	60	3.6
L-830-17	11729	20/25W	6.6/6.6	60	3.6
L-830-1	11680	30/45W	6.6/6.6	60	4.2
L-830-2	11681	30/45W	20/6.6	60	4.2
L-830-3	11682	65W	6.6/6.6	60	4.5
L-830-4	11683	100W	6.6/6.6	60	8.5
L-830-5	11684	100W	20/6.6	60	8.5
L-830-18	11730	150W	6.6/6.6	60	8.5
L-830-19	11731	150W	20/6.6	60	8.5
L-830-6	11685	200W	6.6/6.6	60	10.3
L-830-7	11686	200W	20/6.6	60	10.3
L-830-10	11736	300W	6.6/6.6	60	11.5
L-830-11	11760	300W	20/6.6	60	12.5
L-830-9*	11516*	300W	20/20	60	12.5
L-830-14*	11517*	500W	6.6/6.6	60	18.5
L-830-15*	11529*	500W	20/6.6	60	18.5
L-830-13*	11506*	500W	20/20	60	18.5

* Not Pictured

L-831 Series

FAA Type	Part Number	Wattage	Primary/Secondary AMP	Design Frequency (Hz)	Weight (lb)
L-831-16	11732	10/15W	6.6/6.6	50	3.6
L-831-17	11733	20/25W	6.6/6.6	50	3.6
L-831-1	11710	30/45W	6.6/6.6	50	4.2
L-831-2	11723	30/45W	20/6.6	50	4.2
L-831-3	11712	65W	6.6/6.6	50	4.5
L-831-4	11683	100W	6.6/6.6	50	8.5
L-831-5	11714	100W	20/6.6	50	8.5
L-831-18	11734	150W	6.6/6.6	50	8.5
L-831-19	11731	150W	20/6.6	50	8.5
L-831-6	11715	200W	6.6/6.6	50	10.3
L-831-7	11716	200W	20/6.6	50	10.3

*Manufactured by Integro

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Brochure specifications are not binding. Confirm current specifications at time of order.

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