

# ICAO Style 50Hz / 60Hz Earthed Series Isolation Transformers



## COMPLIANCES

FAA AC 150/5345-47

## PRODUCT APPLICATION

The ICAO Style 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

- ICAO Style Earthed Series Isolation Transformers are tested in accordance with the FAA L-830 (60Hz) and L-831 (50Hz) specifications per FAA Advisory Circular 150/5345-47.
- All transformers undergo 100% Quality Testing which includes visual inspection, ratio testing, heat testing and HIPOT testing.
- ICAO Style Earthed Series Isolation Transformers are equipped with an earthed stud for grounding in the field.
- Although earthed transformers are not listed under FAA guidelines, these earthed transformers are manufactured in accordance with L-830 (60Hz) or L-831 (50Hz) specifications.

## POWER & CONTROL EQUIPMENT - 4.7

## ORDERING INFORMATION

Design Frequency = 60Hz

Part Number	Description	Primary/ Secondary AMP	Weight (lb.)
11717-G	10/15W	6.6/6.6	3.6
11729-G	20/25W	6.6/6.6	3.6
11680-G	30/45W	6.6/6.6	4.2
11681-G	30/45W	20/6.6	4.2
11682-G	65W	6.6/6.6	4.5
11683-G	100W	6.6/6.6	8.5
1684-G	100W	20/6.6	8.5
1730-G	150W	6.6/6.6	8.6
11731-G	150W	20/6.6	8.6
11685-G	200W	6.6/6.6	10.3
11686-G	200W	20/6.6	10.3
11736-G	300W	6.6/6.6	11.5
11760-G	300W	20/6.6	12.5
11755-G	300W	20/20	12.5
11517-G	500W	6.6/6.6	18.5
11529-G	500W	20/6.6	18.5
11506-G	500W	20/20	21.5

Design Frequency = 50Hz

Part Number	Description	Primary/ Secondary AMP	Weight (lb.)
11732-G	10/15W	6.6/6.6	3.6
11733-G	25W	6.6/6.6	3.6
11710-G	30/45W	6.6/6.6	4.2
11723-G	30/45W	20/6.6	4.2
11712-G	65W	6.6/6.6	4.5
11713-G	100W	6.6/6.6	8.5
11714-G	100W	20/6.6	8.5
11734-G	150W	6.6/6.6	8.6
11731-G	150W	20/6.6	8.6
11715-G	200W	6.6/6.6	10.3
11716-G	200W	20/6.6	10.3

\*Manufactured by Integro

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**ASTRONICS**  
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