

ISOLATION TRANSFORMERS

APPLICATIONS

Isolation transformers are used in series airfield lighting circuits to electrically isolate the lighting fixtures from the medium voltage usually present and to ensure circuit continuity in the event of lamp failures too.

The transformers are totally encapsulated in waterproof synthetic rubber compound for maximum resistance to contaminants, ultraviolet radiation and ozone, with a minimum of water absorption.

When applied with proper connections, they are suitable for direct burial in the soil.

BENEFITS

FAA transformers are approved per AC 150/5345-47.

Military transformers comply with MIL-T-27535.

Totally Thermoplastic Rubber encapsulated.

Primary leads (2) with single pole plug and receptacle.

Secondary lead with two-pole receptacle, style 8. On request, the secondary receptacle can be style 7; in this case the transformers cannot be certified FAA.

Suitable for 50 or 60 cycle applications.

COMPLIANCES

FAA AC 150/5345-47
ICAO Annex 14
MIL T-27535



TEK.257.E



PERFORMANCE

Rated Wattage (W)	Primary Current (A)	Minimum Power Factor	Minimum Efficiency	Secondary Current (A)	Load (Ohm)	Maximum Voltage At Open Circuit (V)
20/25	6.6	0.95	85	6.53 - 6.67	0,69	20
45	6.6	0.95	85	6.53 - 6.67	1,03	20
65	6.6	0,95	85	6.53 - 6.67	1,49	30
100	6.6	0.90	90	6.53 - 6.67	2,30	40
150	6.6	0,90	90	6.53 - 6.67	3,44	60
200	6.6	0.90	90	6.53 - 6.67	4,59	70
300	6.6	0,90	90	6.53 - 6.67	6,89	110

