

Series Isolation Transformer



Compliance with standards

- ICAO: Aerodrome Design Manual 9157 Part 5
- FAA AC150/5345-47 (L-830 / L-831, 60 Hz / 50 Hz)
- IS: 12290 - 1987

Features

- Simple installation with factory-molded L-823 plugs and receptacles.
- It can be exposed directly to the sun, buried directly in the ground, immersed in water, and exposed to other weather conditions.
- Watertight – Cables are an integral part of the transformer, and their sheath is moulded into the transformer body.
- The outer moulded jacket is resistant to acid, alkali, and oil, as well as deicing fluids, ozone, and UV radiation.

Application

Designed to protect low-voltage lamps from the high operating voltages found in airfield series lighting circuits.

Performance

- Relative Humidity: ≤95%.
- Working Temperature between -55° to 65° Degree.
- Output current ratings 6.6A.

Electrical supply

- On series circuits rated up to 5,000 VAC, operates at 60 Hz (L-830) or 50 Hz (L-831).
- The transformer's primary windings are connected in a 6.6 A or 20 A series circuit that is powered by a Constant Current Regulator.

Product Range

S No.	Product Range	Order Code
1	10W	VAS-SIT-10
2	15W	VAS-SIT-15
3	30W	VAS-SIT-30
4	45W	VAS-SIT-45
5	60W	VAS-SIT-60
6	100W	VAS-SIT-100
7	150W	VAS-SIT-150
8	200W	VAS-SIT-200

Installation

