

Aeronautical ground lighting series transformer



- AGLST - Aeronautical ground lighting series transformer

Description:

Lamp transformer for use in 6.6A airfield constant-current lighting circuits. Design based on a low-loss toroidal core, potted in polyurethane with high-quality outer plastic encapsulation and IP68-outlet seals.

Transformer suitable for burial directly in the ground.

Encapsulation and outlets are resistant to acid and alkaline soils, as well as to chemicals commonly used on airfields such as oils, fuels, de-icing fluids, etc.

The materials used are also termite- and rodent-proof.

Technical information:

Designed to meet FAA specification AC 150/5345-47 and IEC 61823, including the following characteristics:

- Ratio: 6.6/6.6A +/-1% 50 Hz
- Ambient temperature: -40 to +55°C
- Primary cables: 6 mm² / 5kV, length 60 cm, with standard FAA-connectors style 9 and 2
- Secondary cable: 2x2.5 mm² / 600V, 120 cm with standard FAA-connector, style 8
- Permanently marked with rating, product identification and manufacturer

Our main products:

- Toroidal core - transformers
- Toroidal filter chokes
- Transducers
- Power supplies
- Measuring transformers

Standard range

Type	Power (W)	Dimensions DxH (mm)	Weight (Kg)	Efficiency (%)
AGLST 45W	45	128x47	2.3	> 85
AGLST 65W	65	128x47	2.4	> 85
AGLST 100W	100	128x60	2.9	> 85
AGLST 150W	150	128x73	3.5	> 90
AGLST 200W	200	128x73	3.6	> 90

