

Swimming Pool Lighting Transformer for 100W Lamps

REGULATIONS AND SPECIFICATIONS

The Techno Transformers 100W swimming pool lighting transformer has been specifically designed to comply with the 17th Edition IEE regulations 2008 and subsequent amendments, it is built to meet the general requirements of BS EN 61558.

INSTALLATION

The transformer is suitable for floor standing or wall mounting, and comes complete with 12mm and 16mm cable glands. It should be installed by a qualified electrician in accordance with the above regulations.

DIMENSIONS, FIXING CENTRES AND WEIGHT

The dimensions of the transformers are 135mm wide x 125mm deep x 88mm high. Fixing centres are 8 x 6mm slots, external slots are 110mm x 50mm. The transformer weighs approximately 3.0 Kg.

IP RATING

The transformer has an IP65 rating as long as the cables are not mounted above the horizontal plane.

CASE

The case is moulded from glass filled nylon 66, which has a flammability rating of UL94 HB.

ENCAPSULATION MATERIAL

The transformer assembly is completely covered in a polyurethane resin, which has a flammability rating of UL94 V0.

PROTECTION

The transformer is protected from overload by a current and temperature sensitive trip; this trip operates at 130°C and can be reset by turning off the mains for 30 minutes.

OPERATING RANGE

The transformer is suitable for use in an ambient temperature range from -20 to +60°C.

INPUT AND OUTPUT CONNECTIONS

Input connection is by means of a 10A terminal block. Output connections are by means of a 15A terminal block. Change of output voltage is achieved by wiring the input to different neutral terminals.

