

## **SAFETY AND INSTALLATION INSTRUCTIONS FOR** **POOL LIGHTING TRANSFORMER**

The Transformer is specifically designed to comply with the UNE-EN 61558-1:2007, UNE-EN 61558-1:2007 / A1:2009; UNE-EN 61558-2-6: 2010, UNE-EN 61347-1:2009, UNE-EN 61347-1:2009/A2:2013, UNE-EN 61347-1:2009/A1:2011

The following instructions should be used in conjunction with local inspection codes in order to receive maximum safety and proper operation of these transformers.

- 1 - Before connecting the transformer, check the voltages indicated on the marking plate. The indications of the plate data must match the mains that feeds the transformer.
- 2 - Before starting to use, proceed with a visual examination to determine whether the transformer, cables or lamps present some kind of damage. Do not use damaged installations. In case of damage, notify the appropriate technician to resolve the deficiency.
- 3- The installation or replacement of the transformer's feeding cables must be performed by authorized technical staff.
- 4- The total power of loads connected to the transformer must not exceed its rating.
- 5 - The transformer should be installed above the deck or ground level with the wiring compartment at the bottom.
- 6 - The transformer incorporates an automatic resetting thermal mechanism. If the thermal switch opens due to an overload or short circuit, the reset time would be by 15 minutes aprox. In that case it would be necessary to determine the reason that caused the overheating.
- 7 - The box includes some holes for fixing the transformers to the wall.
- 8- For transformer's protection, check fuse type in the marking plate. Diagram and connection features are described in the same plate.
- 9 - The performance of the transformer depends on the section of the power cables and the corresponding distances, both to be considered between the power supply and transformer and between transformer and the lamp lights. Ask your installer if necessary.
- 10 - For details of transformers protection and wiring diagram, please refer to the rating plate.

11- Regulation in the primary.

Output	Input terminals (PRI)
12V.	1 & 3
13V.	1 & 4
14V.	1 & 5
15V.	1 & 6

