

## TR26H SAFETY

for swimming-pool spotlights  
single-phase transformers



TR26



TR26  
H



TR26  
LED

## PROTECTING THE WORLD



# TR26H SAFETY

for swimming pool spotlights  
single-phase transformers

TRANSFORMERS

TR26  
H

TR26  
H

POWER  
350VA

PRI VOLTAGE  
230V

SEC VOLTAGE  
12V

#### STANDARDS

IEC/EN 61558-1  
IEC/EN 61558-2-6



## TR26H SAFETY for swimming pool spotlights Single-phase transformers

TR26H transformer it is a single-phase safety transformer for the supply of spotlights in swimming-pools, Spas, gardens and moisture locations where, due to safety reasons it is necessary to use safety extra low voltage (SELV). The main characteristic is the reduced height that allows the installation in a low profile boxes.

It has several taps in primary winding marked in meters in order to compensate the voltage drop in the transformer-spotlight line conductors and thus to get an adequate brightness in every spotlight.

It is manufactured with electrostatic screen (class I) and sized for continuous service at 100% of power in an ambient temperature up to 40°C.

Easy and fast connections due to the high capacity clamp type terminal blocks, accessible without remove any cover.

On request DF can manufacture transformers with other voltages, with class II protection, with other distances between transformer and spotlight, etc.

## Range

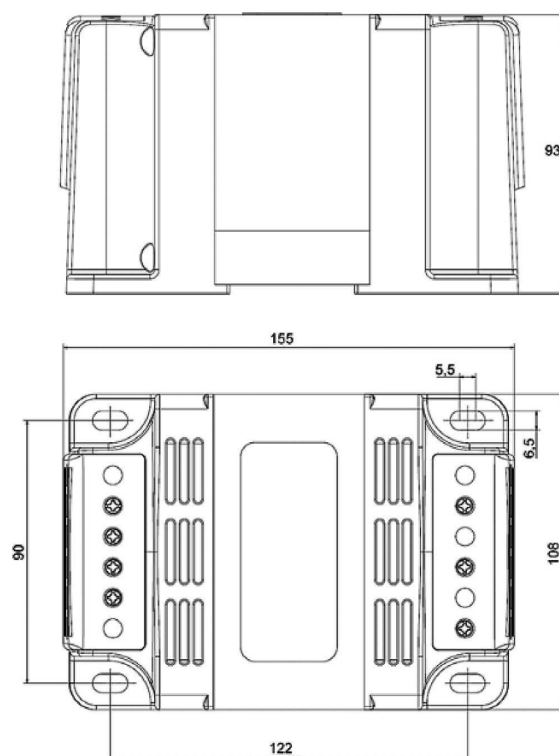
POWER (VA)	FOR SPOTLIGHT	DISTANCES TRANSFORMER SPOTLIGHT	REFERENCE
350	1x12V 300W	8-18-25m 6 mm <sup>2</sup> wire size 10-25-40m 10 mm <sup>2</sup> wire size	<b>660350010</b>



## Technical data

Rated primary voltage	230V
Rated secondary voltage	12V
Rated power range	350VA
Protection against electric shock	Class I
Thermal class	F (155°C)
Rated ambient temperature	40°C
Protection index	IP20
Frequency	50/60Hz
Dielectric strength between primary and secondary	≥4,5kV
Dielectric strength between windings and metallic parts	≥2,5kV
Storage temperature	-40°C ... 85°C

## Dimensions



**WEIGHT** 4,2kg

## Constructive characteristics

Electrostatic screen between windings

Windings in F(155°C) or H(180°C) thermal class

Varnish impregnation with high solids content in order to obtain low noise, good isolating properties and good protection against adverse ambient

Casing in polyamide self extinguishable

TIG welded magnetic core that reduce losses, vibrations, noise and allows small magnetization current

## Installation

Maximum torque rating to fix the transformer at panel: 4Nm

Remove 12mm of the insulation conductor from the end of the cable

Recommended torque rating for terminals: 2 Nm

**Primary protection:** fuse-link T3,15A according to IEC/EN60127 Standard

**Secondary protection:** fuse-link 25A gG according to IEC/EN60269 Standard

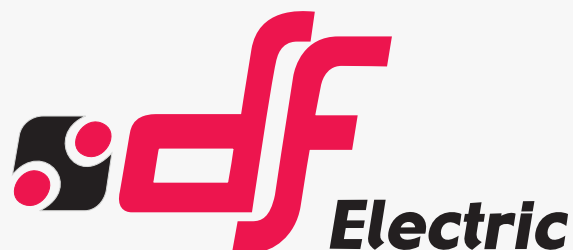
## Standards

IEC/EN 61558-1 Transformers, general specifications

IEC/EN 61558-2-6 Safety transformers

RoHS Compliant





## PROTECTING THE WORLD



### HEAD OFFICE AND FACTORY

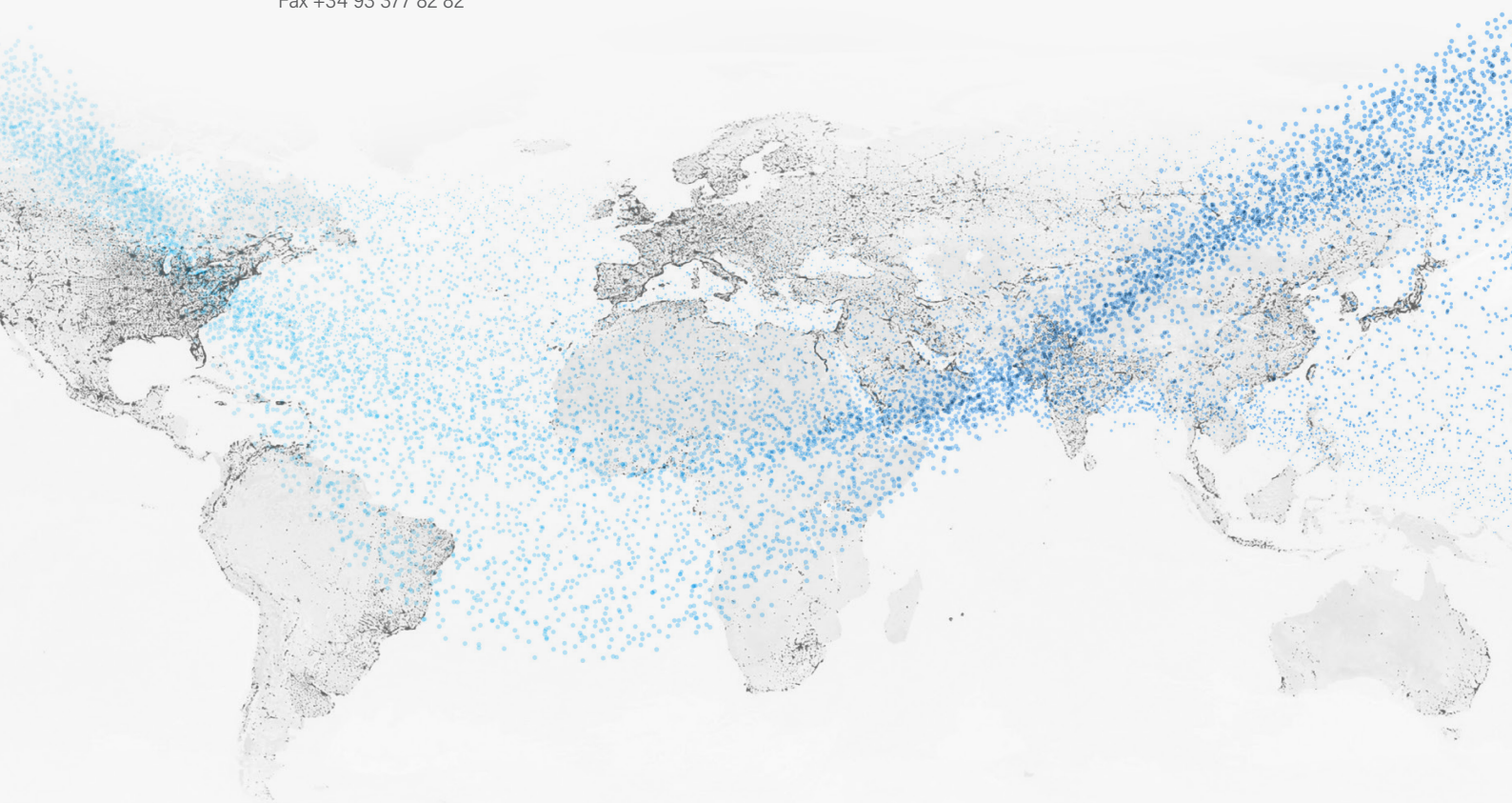
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



To prevent electrical hazards, carry out the installation without voltage.



**Safety notice**  
Please capture the following QR code and read our safety notice carefully before installing our products.



The data reflected in this technical record are subject to the correct installation of the product in accordance with manufacturer's instructions, relevant installation standards and professional practices, maintained and used in applications for which they were made.

The products described in this document have been designed, developed and tested in accordance with specific standard. They are considered components that are integrated as part of installation, machine or equipment. The correct general operation of the referred product is responsibility of the manufacturer of the installation, machine or equipment.

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