



**PROTECTING  
THE WORLD**

# TRANSFORMERS

LOW VOLTAGE TRANSFORMERS · AUTOTRANSFORMERS · REACTORS

## TR26LED SAFETY

for swimming-pool LED spotlights  
single-phase transformers

TR26  
LED



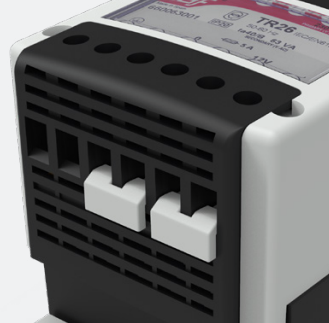
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TR26  
LED



# TR26LED SAFETY

for swimming pool LED spotlights  
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TRANSFORMERS

TR26  
LED

TR26  
LED

POWER  
30VA  
63VA  
100VA

PRI VOLTAGE  
230V

SEC VOLTAGE  
12V

#### STANDARDS

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



63VA  
100VA



30VA

## TR26LED SAFETY for swimming pool LED spotlights Single-phase transformers

This safety transformers range TR26 is specially designed to supply swimming pool LED spotlights, saunas, jacuzzis, ornamental fountains, garden ponds and other moisture locations where, due to safety reasons it is necessary to use safety extra low voltage (SELV).

They are sized for continuous service at 100% of rated power in an ambient temperature up to 40°C.

Rated primary voltage is 230V and rated secondary voltage is 12V.

There are available three rated powers, 30VA, 63 VA and 100 VA.

Can be fixed by screws or can be mounted on a DIN/EN rail.

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

Housings are made in self extinguish polyamide, halogen free and provides to these transformers a protection degree of IP20 against contacts.

On request we can manufacture transformers with other characteristics.

## Range

POWER (VA)	MAX SPOTLIGHTS POWER*	REFERENCE
30	18W	<b>660030001</b>
63	38W	<b>660063001</b>
100	60W	<b>660100001</b>

\* Taking into account an approx. power factor of 0,6.

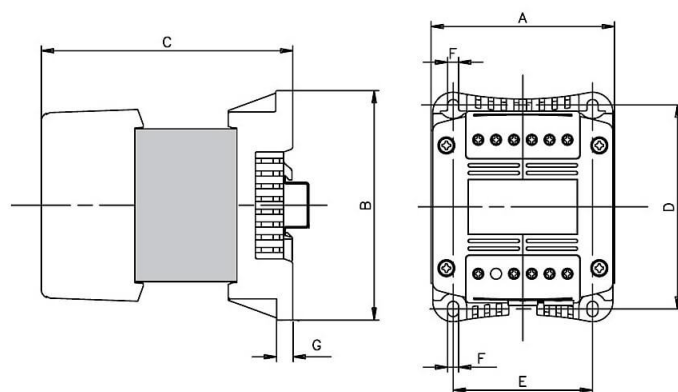


## Technical data

Rated primary voltage	230V
Rated secondary voltage	12V
Rated power range	30VA   63VA   100VA
Protection against electric shock	30VA → Class II 63VA   100VA → Class I
Thermal class	B (130°C)
Maximum 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
Ambient temperature of service *	-30°C ... 70°C
Storage temperature	-40°C ... 85°C

\* For ambient temperatures higher than 40°C it is necessary to apply a derating.

## Dimensions



POWER (VA)	DIMENSIONS (mm)							WEIGHT (kg)
	A	B	C	D	E	F	G	
30	68,5	76	92,2	64,5	56,5	5	7,5	0,80
63	84	113	112	101	66	5	7,5	1,50
100	84	113	116	101	66	5	7,5	1,83

## Constructive characteristics

Reinforced insulation between primary and secondary windings

Windings in F(155°C) thermal class

Casing and mount base in polyamide self extinguishable

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

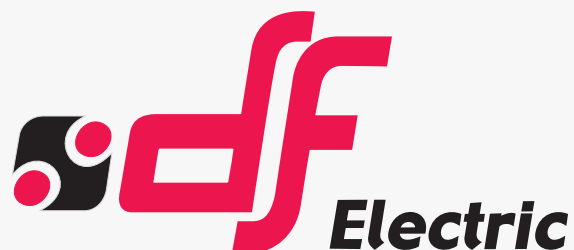
## Standards

IEC/EN 61558-1 Transformers, general specifications

IEC/EN 61558-2-6 Safety transformers

RoHS Compliant





# PROTECTING THE WORLD

## HEAD OFFICE AND FACTORY

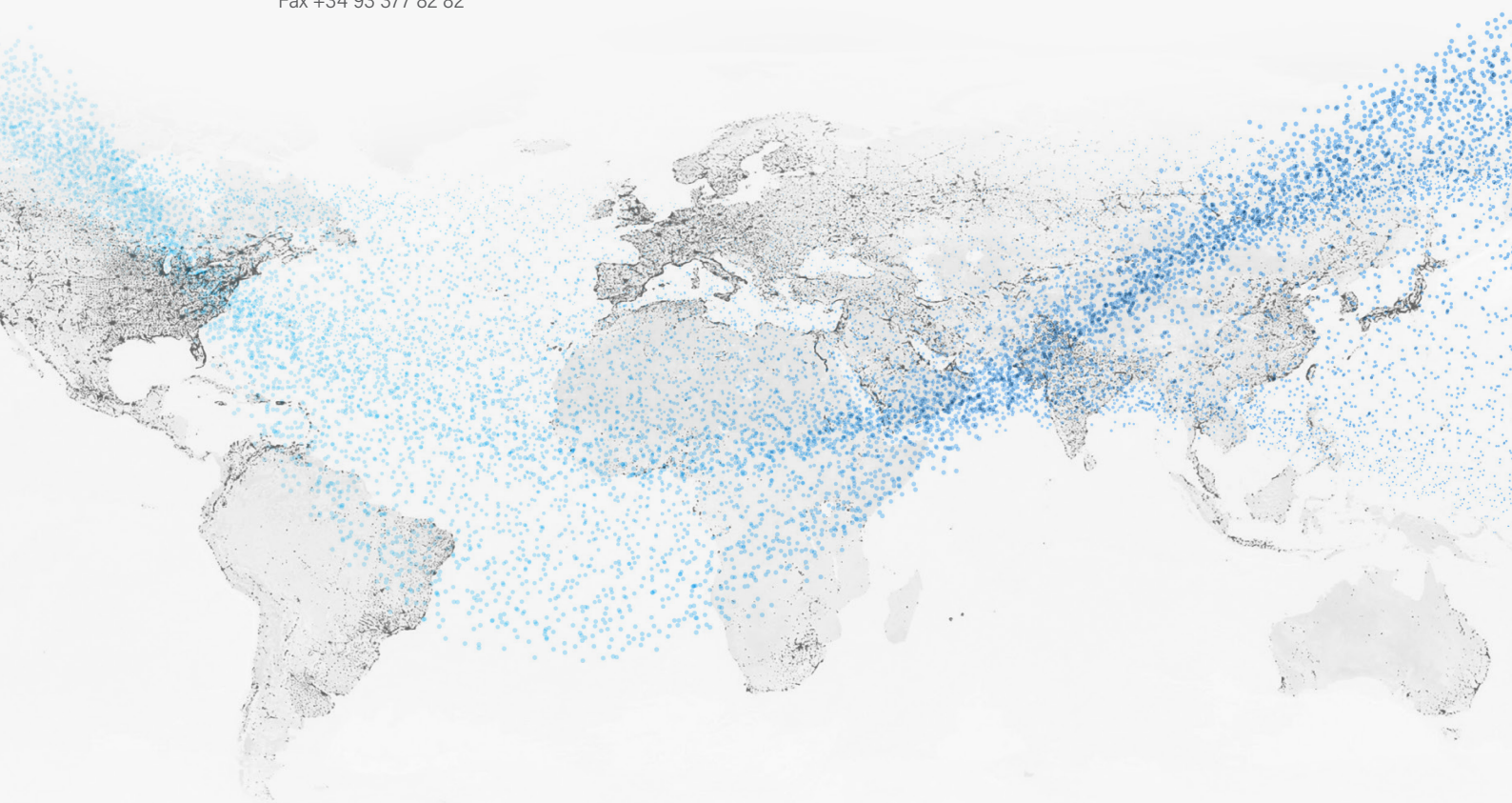
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The "electro technical expert" logo marked on the products included in this data sheet indicates that the installation of these products must be carried out by expert personnel with specialized knowledge.



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.



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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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