



# TRANSFORMERS

LOW VOLTAGE TRANSFORMERS · AUTOTRANSFORMERS · REACTORS

## TR26 SAFETY

for swimming-pool spotlights  
single-phase transformers

TR26



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TR26  
LED

**PROTECTING  
THE WORLD**





# TR26 SAFETY

for swimming pool spotlights  
single-phase transformers

TR26

## TRANSFORMERS

TR26

POWER  
130VA  
350VA  
700VA

PRI VOLTAGE  
230V

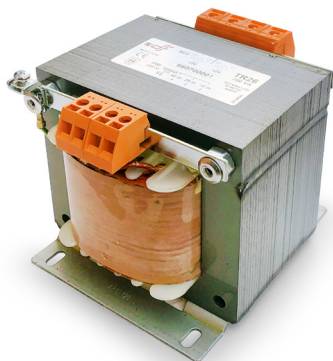
SEC VOLTAGE  
12V

### STANDARDS

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



IP20



IP00

## TR26 SAFETY for swimming pool spotlights Single-phase transformers

TR26 range comprise single-phase safety transformers for the supply of spotlights in swimming-pools, Spas, gardens and moisture locations where, due to safety reasons it is necessary to use low safety voltage (SELV).

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.

There are IP00 and IP20 models.

They are 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 we can manufacture transformers with other voltages or rated power, with class II protection, with another distances between transformer and spotlight, with thermal switch, etc.

## Range

POWER (VA)	FOR SPOTLIGHT	DISTANCES TRANSFORMER SPOTLIGHT	REFERENCE	
			TR26 IP20	TR26 IP00
130	1x12V 100W	8-15-20m 2,5 mm <sup>2</sup> wire size 10-18-25m 4 mm <sup>2</sup> wire size	660130000	660130001
350	1x12V 300W	8-18-25m 6 mm <sup>2</sup> wire size 10-25-40m 10 mm <sup>2</sup> wire size	660350000	660350001
700	2x12V 300W	8-18-25m 6 mm <sup>2</sup> wire size 10-25-40m 10 mm <sup>2</sup> wire size	660700000	660700001

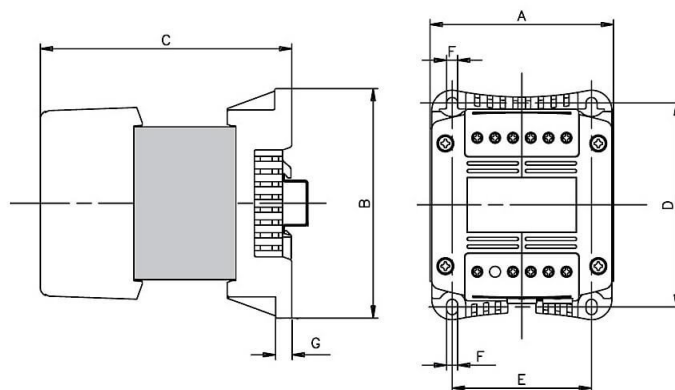


## Technical data

Rated primary voltage	230V
Rated secondary voltage	12V
Rated power range	130VA   350VA   700VA
Protection against electric shock	Class I
Thermal class	B (130°C) F (155°C)
Rated ambient temperature	40°C
Protection index	IP00   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 *	-20°C ... 70°C
Storage temperature	-40°C ... 85°C

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

## Dimensions



### TR26 IP20

POWER (VA)	DIMENSIONS (mm)							WEIGHT (kg)
	A	B	C	D	E	F	G	
130	84	113	116	101	66	5	7,5	2,00
350	108	135	138	120	82	6,5	9,5	4,45
700	120	152	166	135	94	7	9,5	7,89

## Constructive characteristics

Electrostatic screen between primary and secondary

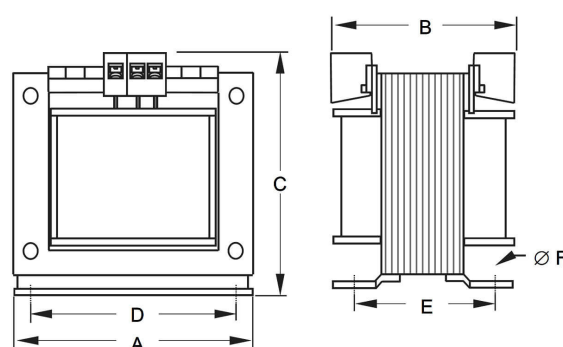
Windings in F(155°C) or H(180°C) thermal class

Flexible insulation Class B(130°C) or F(155°C)

Impregnation with varnish Class F(155°C)

Casing and mount base in polyamide self extinguishable

TIG welded magnetic core prevent vibration and allows small air gap to reduce the magnetization current



### TR26 IP00

POWER (VA)	DIMENSIONS (mm)						WEIGHT (kg)
	A	B	C	D	E	F	
130	84	90	90	64	67	4,8	1,96
350	108	110	93	90	80	5,0	3,90
700	120	135	108	90	117	5,7	7,80

## Standards

IEC/EN 61558-1 Transformers, general specifications

IEC/EN 61558-2-6 Safety transformers

RoHS Compliant



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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.

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