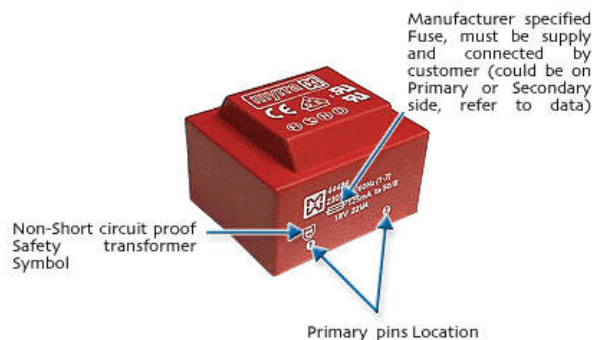
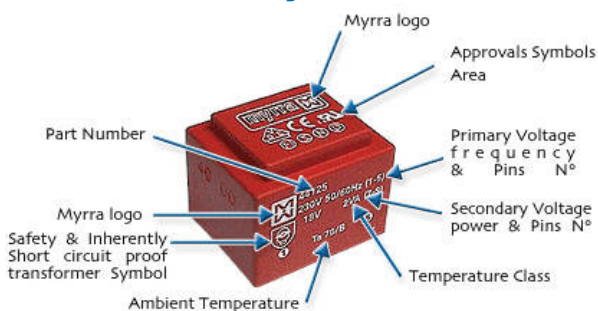


SOS electronic - the official distributor of Myrra transformers



RATED PRIMARY VOLTAGE (V)

This is the supply voltage assigned to the transformer by the manufacturer.

RATED SECONDARY VOLTAGE (V)

This is the secondary output voltage assigned to the transformer when supplied with the rated primary voltage, frequency range, rated secondary current, all assigned by the manufacturer for the specified operating conditions of the transformer.

RATED POWER (VA)

The specified power levels in this catalogue are the secondary power levels, in other words, those available when the transformer is loaded. It is the product of the RMS rated secondary voltage by the RMS rated current. If the transformer has more than one output winding, the rated power denotes the maximum sum of the products of RMS rated secondary voltage by the RMS rated secondary current, respectively. This rated power is defined for rated ambient temperature conditions.

example : $P = 3,2 \text{ VA T70/B}$

The transformer can deliver 3.2VA at maximum ambient (70°C), the load consisting of a resistor load defined by $R(\text{load}) = U(\text{sec}) / P$ (assigned U_{sec} & P values), heating does not exceed the relevant limit for Class B components used in this construction.

NOTE : When the transformer is intended to supply DC voltage and current in conjunction with rectifiers and smoothing capacitors, the VA power required from the transformer is far higher than the $U(\text{DC})$ and $I(\text{DC})$ product. To help you to determine the true transformer power, our Technical Department is at your disposal.

AMBIENT TEMPERATURE (t_a)

The maximum temperature at which the transformer may be operated continuously under nominal conditions of use. It is the air temperature measured close to the transformer after thermal stabilization when operating at rated conditions.

HEATING

The increase of the winding temperature when operating at rated conditions and maximum ambient temperature. The heating must be determined by the resistance method.

TEMPERATURE CLASS

The international classification of temperature classes is as follows :

A	105°C	H	180°C
E	120°C	200	200°C
B	130°C	220	220°C
F	155°C	250	250°C

It defines the maximum temperature the transformer components must withstand in continuous operation, in compliance with the N° 85 IEC publication classification. There insulating materials are therefore certificated for the thermal index corresponding to the declared class in accordance with N° 216 IEC standard.

PARTICULAR POINTS OF EN 61558-2-6 STANDARD FOR SAFETY TRANSFORMERS

On-load secondary voltage tolerance.

This should not differ from the rated value by more than :

10% for transformers with build-in resistance to short-circuits (a supplement of 5% is granted on the 2nd secondary for transformers with 2 secondaries).

Off-load secondary voltage.

NOTE : For safety transformers, this should never exceed 50 V rms. In the case of a transformer with several secondaries, the sum of the secondary voltages should be less than 50 V rms.

Moulded Transformer for PCB

44000 Series



- Vacuum filling
- Two compartments bobbins
- Self-extinguishing plastics UL 94 VO
- Degree of protection IP 00
- 40 grams weight
- Resin class B CEI 85 (20 000 h testing to CEI 126)
- Inherently short-circuits proof
- Insulation voltage 4 KV (6 KV MYRRA test)
- 100% tested production
- Certification: CCA procedure on request

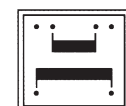
0,35VA

Please, find this series of transformers on page A59.

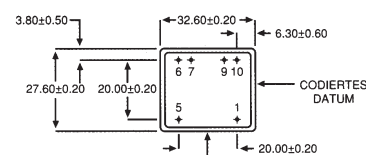
0,6VA - EI 30-5



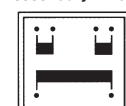
1x secondary winding



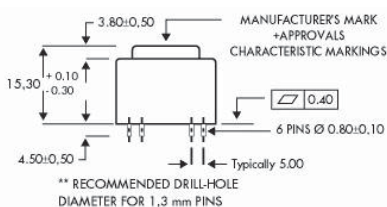
1x primary winding



2x secondary windings



1x primary winding



Original mark.	U_{sek} [V]	I_{sek} [mA]	$U_{\text{no-load}}$ [V]	Amb.temp.	Protection
M44013	6	100	9,94	T 70 B	
M44014	9	66	14,95	T 70 B	
M44015	12	50	19,9	T 70 B	
M44019	2 x 6	2 x 50	2 x 9,94	T 70 B	short-circuit proof
M44020	2 x 9	2 x 33	2 x 14,95	T 70 B	
M44021	2 x 12	2 x 25	2 x 19,90	T 70 B	

Weight 40g

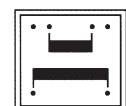
Packaging 25pcs

Part No.	Ord.No.
S 1X6V 0,6VA 230V	11600
S 1X9V 0,6VA 230V	11602
S 1X12V 0,6VA 230V	11603
O 2X6V 0,6VA 230V	11606
S 2X9V 0,6VA 230V	11607
S 2X12V 0,6VA 230V	48924

1VA - EI30-10,5

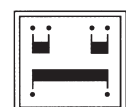


1secondary winding



1x primary winding

2 secondary windings



1x primary winding

