

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

1.8 VA

Input voltage

230 V

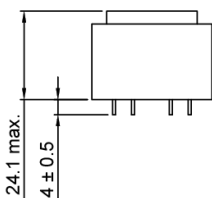
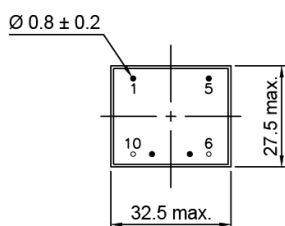
Ambient

T40B

Size

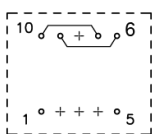
EI30x12.5

I MECHANICAL CHARACTERISTICS - PINOUT



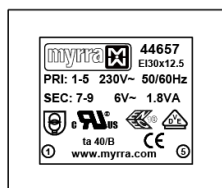
PCB recommended drilling hole
Ø 1.30

Recommended layout for transformers
with 1 secondary winding

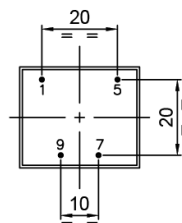
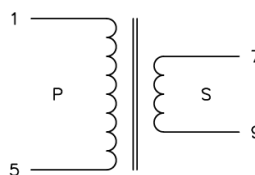


(Allows the use of a transformer
with 2 secondary windings)

Example of marking

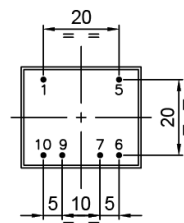
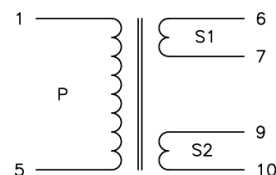


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5

(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

EI30x12.5
1.8 VA - 230 V - T40B

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection
44657	6	9.8	300	
44658	9	14.8	200	
44659	12	19.7	150	
44660	15	24.6	120	
44661	18	30.3	100	
44662	24	39.3	75	
44663	2 x 6	2 x 9.8	2 x 150	
44664	2 x 9	2 x 15.2	2 x 100	
44665	2 x 12	2 x 19.7	2 x 75	
44666	2 x 15	2 x 24.6	2 x 60	
44485 *	2 x 18	2 x 29.5	2 x 50	
44486 *	2 x 24	2 x 39.3	2 x 38	

Inherently short-circuit proof
Insulation voltage 4.0 kV
100 % tested production
Double sections bobbins
Under vacuum encapsulated
Self-extinguishing materials
UL94 V-0
Class B resin (IEC 85)
Operation temperature: -30/+ 40°C
Storage temperature: +70 °C max.
IP00
Weight 79.5 g

III SAFETY - CERTIFICATIONS



(*) compliant
but not approved



EN 61558-2-6
EN 61558-2-4

EN 60950

UL 5085

March, 1st 2024