

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

Input voltage

Ambient

Size

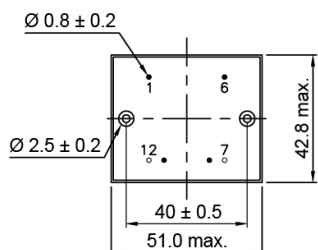
10.0 VA

117 V

T50B

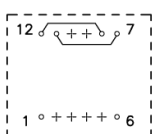
EI48x16.8

I MECHANICAL CHARACTERISTICS - PINOUT



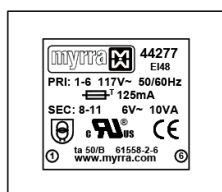
PCB recommended drilling hole
Ø 1.30

Recommended layout for transformers
with 1 secondary winding

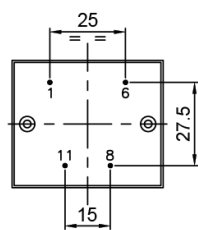
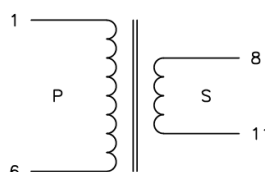


(Allows the use of a transformer
with 2 secondary windings)

Example of marking

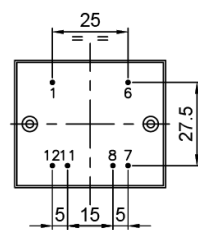
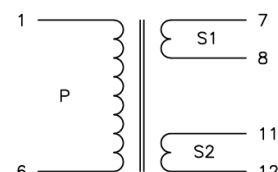


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5

(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

EI48x16.8
10 VA - 117 V - T50B

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection
44277	6	7.2	1667	
44278	9	10.8	1111	
44279	12	14.4	833	
44280	15	18.1	667	
44281	18	21.6	556	
44282	24	28.9	417	
44283	2 x 6	2 x 7.2	2 x 833	
44284	2 x 9	2 x 10.8	2 x 556	
44285	2 x 12	2 x 14.4	2 x 417	
44286	2 x 15	2 x 18.1	2 x 333	
44287	2 x 18	2 x 21.6	2 x 278	
44288	2 x 24	2 x 28.9	2 x 208	

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/+50 °C
Storage temperature: +70 °C max.
IP00
Weight 288 g

III SAFETY - CERTIFICATIONS



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

EN 60950

UL 5085