

Product designation

SAFETY PRINTED CIRCUIT BOARD TRANSFORMERS

Rated power

16.0 VA

Input voltage

230 V

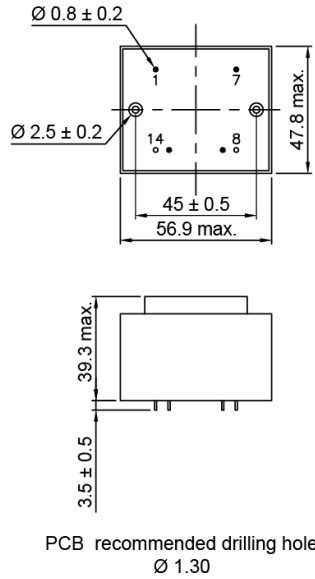
Ambient

T50B

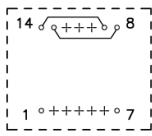
Size

EI54x18.8

I MECHANICAL CHARACTERISTICS - PINOUT

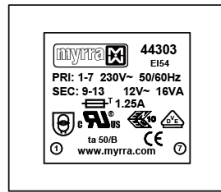


Recommended layout for transformers with 1 secondary winding

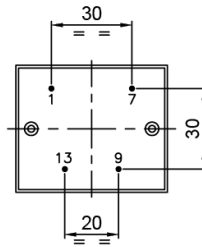
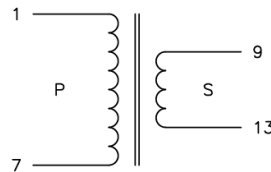


(Allows the use of a transformer with 2 secondary windings)

Example of marking

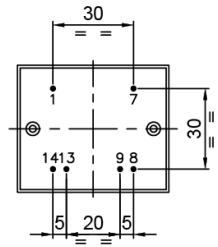
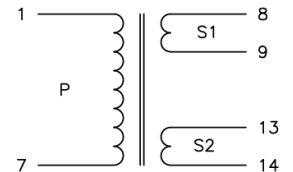


Single output



Row and pitch tolerance : ± 0.5

Double output



Row and pitch tolerance : ± 0.5
(Unit : mm)

II ELECTRICAL CHARACTERISTICS - ENVIRONMENTAL

Reference	Secondary voltage (V)	No load voltage (V)	Secondary current (mA)	Protection		
44301	6	7.4	2667		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 404.4 g	
44302	9	11.1	1778			
44303	12	14.7	1333			
44304	15	18.4	1067			
44305	18	22.1	889			
44306	24	29.3	667			
44307	2 x 6	2 x 7.4	2 x 1333			
44308	2 x 9	2 x 11.1	2 x 889			
44309	2 x 12	2 x 14.7	2 x 667			
44310	2 x 15	2 x 18.4	2 x 533			
44311	2 x 18	2 x 22.0	2 x 444			
44312 *	2 x 24	2 x 29.3	2 x 333			

III SAFETY - CERTIFICATIONS



(*) compliant but not approved



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

EN 60950

UL 5085

March, 4th 2024