## ABT7PDU025G

voltage transformer - 230..400 V - 2 x 115 V - 250 VA



#### Main

Range of product	Phaseo Universal
Product or component type	Safety and isolation transformer
Rated power in VA	250 VA
Input voltage	400 V AC phase to phase, terminal(s): L1-L2 230 V AC single phase, terminal(s): N-L1
Output voltage	115/230 V AC
Secondary winding	Double
Protective cover	With
Ambient air temperature for operation	-2060 °C

#### Complementary

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Input voltage limits	207253 V 360440 V	
Network frequency limits	4763 Hz	
Input voltage tolerance	+/- 15 V	
Efficiency	90 %	
Power dissipation in W	27.8 W	
Voltage variation at nominal load	0,0313 at 400 V 0,0313 at 230 V	
Output sustained overvoltage	0,018 (no load, hot state)	
Voltage drop at rated load	3.37 %	
No load losses	13.68 W	
Short-circuit voltage	0,066	
Output protection type	Against short-circuits, protection technology: external Against overvoltage, protection technology: external Against overload, protection technology: external	
Connections - terminals	Screw type terminals for output connection, connection capacity: 4 x 4 mm²AWG gauge11 Screw type terminals for input ground connection, connection capacity: 1 x 4 mm²AWG gauge11 Screw type terminals for input connection, connection capacity: 5 x 4 mm²AWG gauge11	
Marking	CE	
Fixing mode	By 4 screws, screw(s) $\emptyset$ = 6.5 mm on vertical panel, operating position: vertical By 4 screws, screw(s) $\emptyset$ = 6.5 mm on vertical panel, operating position: horizontal By 4 screws, screw(s) $\emptyset$ = 6.5 mm on horizontal panel with derating to 90 %	
Output coupling	Grounding of secondary Parallel Series by internal jumper	
Electrical insulation class	Class B	
Status LED	1 LED orange for input voltage	
Product weight	5.6 kg	

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherenced as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the documentation is not be used to perform the appropriate and complete risk analysis, evaluation of the products with respect to the relevant specific application or use thereof. Neither Schmeider Electric Industries SAS nor any of its affiliates or substitatives shall be responsible or liable for misuse of the information contained herein.

#### Environment

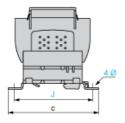
Product certifications	CURus ENEC		
IP degree of protection	IP20 conforming to EN/IEC 60529		
Ambient air temperature for storage	-4080 °C		
Relative humidity	095 % during operation		
Class of protection against electric shock	Class I conforming to VDE 0106-1		
Dielectric strength	5100 V between input and output		
	3200 V between output and ground		
	3200 V between input and ground		

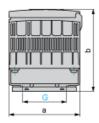


# Product data sheet Dimensions Drawings

# ABT7PDU025G

#### **Dimensions**





#### Dimensions in mm

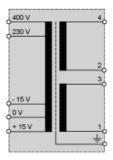
а	b	С	G	J	Ø
123	142	153	82	136	6.5

#### Dimensions in in.

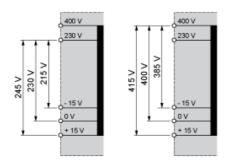
а	b	С	G	J	Ø
4.84	5.59	6.02	3.23	5.35	0.25

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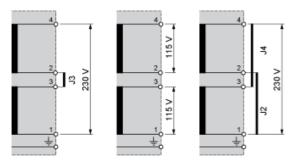
#### Internal Scheme



## Primary Voltage Wiring



## Secondary Voltage Wiring



J2, J3, J4 Internal Jumper