



# voltage transformer - 230..400 V - 2 x 115 V - 25 VA

ABT7PDU002G

- ! To be discontinued on: 20-Dec-2024
- ! To be end-of-service on: 20-Dec-2025

#### ① Discontinued

#### Main

Range Of Product	Modicon Transformer Universal		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	25 VA		
Input Voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2		
Output Voltage	115/230 V AC		
Secondary Winding	Double		
Protective Cover	With		
Ambient Air Temperature For	-2060 °C		

#### Complementary

Complementary	
Input Voltage Limits	207253 V
	360440 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	76 %
Power Dissipation In W	7.9 W
Voltage Variation At Nominal Load	6.95 % at 230 V
• • • • • • • • • • • • • • • • • • •	7.73 % at 400 V
Output Sustained Overvoltage	0,054 (no load, hot state)
Maximum Voltage Drop At Rated Load	7.9 %
No Load Losses	4.89 W
Short-Circuit Voltage	0,115
Output Protection Type	Against overload, protection technology: with additional protection fuses or circuit-
	breakers in Selection of Protection
	Against overvoltage, protection technology: with additional protection fuses or circuit- breakers in Selection of Protection
	Against short-circuits, protection technology: with additional protection fuses or
	circuit-breakers in Selection of Protection
Connections - Terminals	For input connection: screw type terminals, connection capacity: 5 x 4 mm² AWG 11
	For input ground connection: screw type terminals, connection capacity: 1 x 4 mm <sup>2</sup>
	AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm² AWG 11
	CE

Fixing Mode	By 4 screws diameter: 5.5 mm on vertical panel, operating position: horizontal By 4 screws diameter: 5.5 mm on vertical panel, operating position: vertical By clips on 35 x 15 mm symmetrical DIN rail By 4 screws diameter: 5.5 mm on horizontal panel with derating to 90 %
Output Coupling	Parallel Series by internal jumper Grounding of secondary
Operating Altitude	3000 m
Electrical Insulation Class	Class B
Status Led	1 LED (orange) input voltage
Width	87.0 mm
Height	108.0 mm
Depth	97.0 mm
Net Weight	1.14 kg

## **Environment**

Product Certifications	EAC UR DNV-GL
Standards	UL 506
Ip Degree Of Protection	IP20
Environmental Characteristic	EMC conforming to EN 62041 Safety conforming to EN 61558-1 Safety conforming to EN 61558-2-4
Ambient Air Temperature For Storage	-4080 °C
Relative Humidity	095 % during operation
vervoltage Category Class I conforming to VDE 0106-1	
Dielectric Strength	3200 V between input and ground 3200 V between output and ground 5100 V between input and output

# **Packing Units**

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	25.500 cm
Package 1 Width	18.500 cm
Package 1 Length	11.200 cm
Package 1 Weight	1.471 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	30
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	57.130 kg

# **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **label** is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

#### Well-being performance



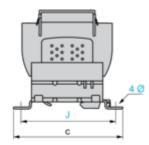
#### **Certifications & Standards**

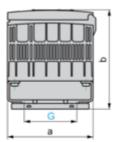
Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
<b>Environmental Disclosure</b>	Product Environmental Profile
Circularity Profile	No need of specific recycling operations  Circularity Profile

## ABT7PDU002G

#### **Dimensions Drawings**

#### **Dimensions**





#### Dimensions in mm

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а	b	С	G	J	Ø	
87	97	108	60	96	5.5	

#### Dimensions in in.

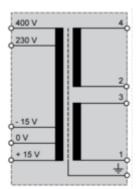
а	b	С	G	J	Ø
3.43	3.82	4.25	2.36	3.78	0.22

## **Product datasheet**

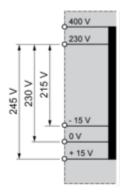
## ABT7PDU002G

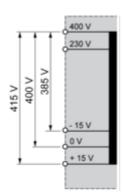
Connections and Schema

#### Internal Scheme

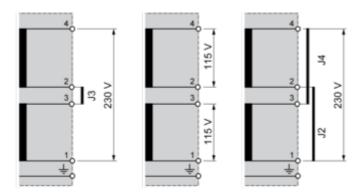


#### **Primary Voltage Wiring**





#### Secondary Voltage Wiring



J2, J3, J4 Internal Jumper