# **Product datasheet**





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

ABT7PDU040G

Discontinued on: 17 Jul 2023



Main			
Range Of Product	Modicon Transformer Universal		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	400 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	Without		
Ambient Air Temperature For Operation	-2060 °C		
Complementary			
Input Voltage Limits	207253 V 360440 V		
Network Frequency Limits	4763 Hz		

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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	44.4 W
Voltage Variation At Nominal Load	0,0375 at 230 V 0,039 at 400 V
Output Sustained Overvoltage	0,033 (no load, hot state)
Maximum Voltage Drop At Rated Load	4.17 %
No Load Losses	21.28 W
Short-Circuit Voltage	0,041
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 mm² AWG 11 For output connection: screw type terminals, connection capacity: 6 x 4 mm² AWG 11
Marking	CE

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.



Fixing Mode	By 4 screws diameter: 7 mm on vertical panel, operating position: horizontal By 4 screws diameter: 7 mm on vertical panel, operating position: vertical By 4 screws diameter: 7 mm on horizontal panel with derating to 90 %		
Output Coupling	Parallel Grounding of secondary Series by internal jumper		
Operating Altitude	3000 m		
Electrical Insulation Class	Class B		
Width 150.0 mm			
Height 113.0 mm			
Depth	145.0 mm		
Net Weight	7.30 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
Overvoltage 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	26.000 cm
Package 1 Width	20.000 cm
Package 1 Length	20.000 cm
Package 1 Weight	7.628 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	19
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	157.932 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

<b>②</b>	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

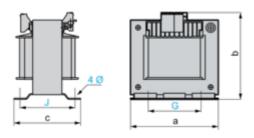
#### **Certifications & Standards**

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		

## ABT7PDU040G

#### **Dimensions Drawings**

#### **Dimensions**



#### Dimensions in mm

а	b	С	G	J	Ø
150	145	113	122	90.6	7

#### Dimensions in in.

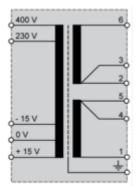
2						
а	b	С	G	J	Ø	
5.91	5.71	4.45	4.80	3.57	0.27	

## **Product datasheet**

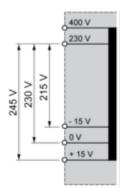
## ABT7PDU040G

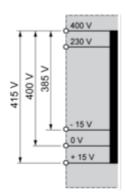
Connections and Schema

#### Internal Scheme



#### **Primary Voltage Wiring**





#### Secondary Voltage Wiring

