Product datasheet

Specifications





voltage transformer - 230..400 V - 2 x 24 V - 250 VA

ABT7PDU063B

- () To be discontinued on: 01-Jun-2024
- () To be end-of-service on: 01-Jun-2025

(!) Discontinued

Main

Range Of Product	Modicon Transformer Universal		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	630 VA		
Input Voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2		
Output Voltage	24/48 V AC		
Secondary Winding	Double		
Protective Cover	Without		
Ambient Air Temperature For Operation	-2060 °C		

Complementary

out Voltage Limits	
•	207253 V
	360440 V
twork Frequency Limits	4763 Hz
out Voltage Tolerance	+/- 15 V
iciency	90 %
wer Dissipation In W	70 W
Itage Variation At Nominal Load	0.0416 at 230 V
	0,0454 at 400 V
tput Sustained Overvoltage	0,048 (no load, hot state)
Maximum Voltage Drop At Rated 4.37 % Load	
Load Losses	24.01 W
ort-Circuit Voltage	0,05
tput 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
nnections - Terminals	For input connection: screw type terminals, connection capacity: 5 x 4 mm ² AWG 11
	For input ground connection: screw type terminals, connection capacity: 1 x 4 mm ² AWG 11
	For output connection: screw type terminals, connection capacity: 6 x 10 mm ² AWG 6
rking	CE
	For output connection: screw type terminals, connection capacity: 6 x 10 mm

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 Series by internal jumper Grounding of secondary				
Operating Altitude	3000 m			
Electrical Insulation Class	Class F			
Width	150.0 mm			
Height	123.0 mm			
Depth	164.0 mm			
Net Weight	7.99 kg			

Environment

Product Certifications	UR EAC 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 61558-2-6		
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	18.000 cm
Package 1 Length	19.000 cm
Package 1 Weight	8.186 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	22
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	193.092 kg

Contractual warranty

Warranty

18 months

Sustainability Screen Premium

Green PremiumTM 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-CO₂ 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

Mercury Free
Rohs Exemption Information Yes
Pvc Free

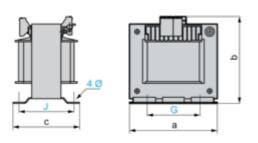
Certifications & Standards

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

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Dimensions Drawings

Dimensions



Dimensions in mm

а	b	с	G	J	Ø
150	164	123	122	95	7

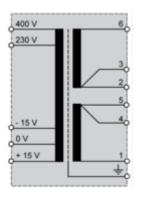
Dimensions in in.

а	b	с	G	J	Ø
5.90	6.46	4.84	4.80	3.74	0.27

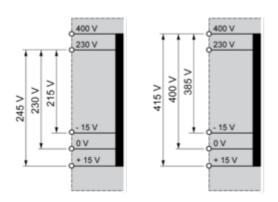
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Connections and Schema

Internal Scheme



Primary Voltage Wiring



Secondary Voltage Wiring

