



voltage transformer - 230..400 V - 2 x 115 V - 630 VA

ABT7PDU063G

- Discontinued on: Nov 21, 2022
- ! To be end-of-service on: Jun 1, 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	115/230 V AC			
Secondary Winding	Double			
Protective Cover	Without			
Ambient Air Temperature For Operation	-2060 °C			

Complementary

Complementary	
Input Voltage Limits	360440 V 207253 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	90 %
Power Dissipation In W	70 W
Voltage Variation At Nominal Load	0,0358 at 230 V 0,0417 at 400 V
Output Sustained Overvoltage	0,049 (no load, hot state)
Maximum Voltage Drop At Rated Load	4.89 %
No Load Losses	23.55 W
Short-Circuit Voltage	0,048
Output Protection Type Against overload, protection technology: with additional protection fus breakers in Selection of Protection Against overvoltage, protection technology: with additional protection breakers in Selection of Protection Against short-circuits, protection technology: with additional protection 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
	CE

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	113.0 mm				
Depth	145.0 mm				
Net Weight	7.78 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	26.500 cm
Package 1 Width	19.000 cm
Package 1 Length	19.500 cm
Package 1 Weight	8.113 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	21
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	183.373 kg

Contractual warranty

Warranty 18 months



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Transparency RoHS/REACh

Well-being performance



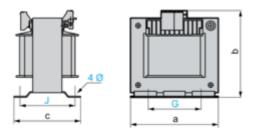
Certifications & Standards

Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
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	145	113	122	90.6	7

Dimensions in in.

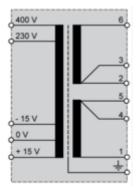
а	b	С	G	J	Ø
5.91	5.71	4.45	4.80	3.57	0.27

Product datasheet

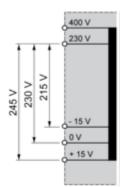
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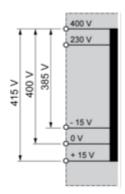
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

