



voltage transformer - 230..400 V - 2 x 115 V - 63 VA

ABT7PDU006G

- ! Discontinued on: 5 Apr 2023
- ! To be end-of-service on: 1 June 2025



Main

Range Of Product	Modicon Transformer Universal		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	63 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 Operation	-2060 °C		

Complementary

Input Voltage Limits Network Frequency Limits Input Voltage Tolerance Efficiency Power Dissipation In W Voltage Variation At Nominal Load Output Sustained Overvoltage Maximum Voltage Drop At Rated Load	207253 V 360440 V 4763 Hz			
Input Voltage Tolerance Efficiency Power Dissipation In W Voltage Variation At Nominal Load Output Sustained Overvoltage Maximum Voltage Drop At Rated				
Efficiency Power Dissipation In W Voltage Variation At Nominal Load Output Sustained Overvoltage Maximum Voltage Drop At Rated				
Power Dissipation In W Voltage Variation At Nominal Load Output Sustained Overvoltage Maximum Voltage Drop At Rated	+/- 15 V			
Voltage Variation At Nominal Load Output Sustained Overvoltage Maximum Voltage Drop At Rated	84 %			
Output Sustained Overvoltage Maximum Voltage Drop At Rated	12 W			
Maximum Voltage Drop At Rated	0,0382 at 230 V 0,0426 at 400 V			
. · ·	0,025 (no load, hot state)			
	4.28 %			
No Load Losses	7.37 W			
Short-Circuit Voltage	0,066			
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 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: 4 x 4 mm ² AWG 11			
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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	Grounding of secondary Parallel Series by internal jumper		
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	115.0 mm		
Net Weight	1.97 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 61558-2-4	
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	25.800 cm
Package 1 Width	18.800 cm
Package 1 Length	11.600 cm
Package 1 Weight	2.281 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	81.430 kg

Contractual warranty

Warranty 18 months



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

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Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

②	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

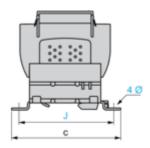
Certifications & Standards

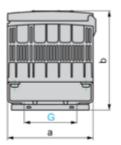
Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
Environmental Disclosure	Product Environmental Profile			
Circularity Profile	No need of specific recycling operations Circularity Profile			

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Dimensions Drawings

Dimensions





Dimensions in mm

а	b	С	G	J	Ø
87	115	108	60	96	5.5

Dimensions in in.

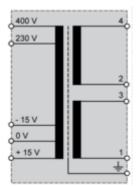
а	b	С	G	J	Ø
3.42	4.53	4.25	2.36	3.78	0.22

Product datasheet

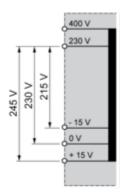
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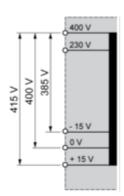
Connections and Schema

Internal Scheme

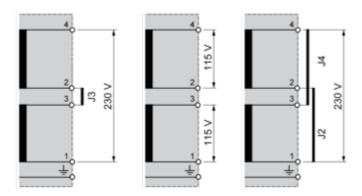


Primary Voltage Wiring





Secondary Voltage Wiring



J2, J3, J4 Internal Jumper