



voltage transformer - 230..400 V - 2 x 24 V - 63 VA

ABT7PDU006B

! Discontinued on: 12 Dec 2023

① Discontinued

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	24/48 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	83 %	
Power Dissipation In W	12.9 W	
Voltage Variation At Nominal Load	0,047 at 400 V 4.79 % at 230 V	
Output Sustained Overvoltage	0,033 (no load, hot state)	
Maximum Voltage Drop At Rated Load	3.88 %	
No Load Losses	8.11 W	
Short-Circuit Voltage	0,075	
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: 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	115.0 mm				
Net Weight	1.95 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	egory 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	11.600 cm
Package 1 Weight	2.262 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	80.860 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	

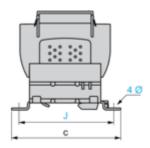
Certifications & Standards

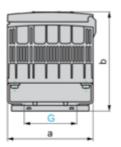
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
Environmental Disclosure	Product Environmental Profile				
Circularity Profile	No need of specific recycling operations Circularity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

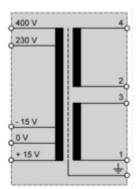
а	b	С	G	J	Ø
3.42	4.53	4.25	2.36	3.78	0.22

Product datasheet

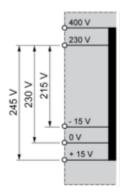
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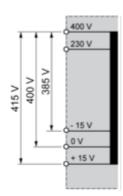
Connections and Schema

Internal Scheme

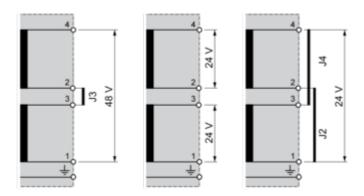


Primary Voltage Wiring





Secondary Voltage Wiring



J2, J3, J4 Internal Jumper