Product datasheet

Specification





voltage transformer - 230..400 V - 2 x 115 V - 2.5 KVA

Local distributor code: 389707121

ABT7PDU250G

- ! To be discontinued on: 30 May 2024
- ! To be end-of-service on: 30 May 2025

! To be discontinued

EAN Code: 3389119401289

Main

Range Of Product	Modicon Transformer Universal		
Product Or Component Type Safety and isolation transformer			
Rated Power In Va	2500 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

Innut Valtage Limite	200 440.1/			
Input Voltage Limits	360440 V			
	207253 V			
Network Frequency Limits	4763 Hz			
Input Voltage Tolerance	+/- 15 V			
Efficiency	96 %			
Power Dissipation In W	104.2 W			
Voltage Variation At Nominal Load	0.017 at 230 V			
_	0,0189 at 400 V			
Output Sustained Overvoltage	1.5 % (no load, hot state)			
Maximum Voltage Drop At Rated Load	1.7 %			
No Load Losses	31.6 W			
Short-Circuit Voltage	0,022			
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 mm ² AWG 11			
	For output connection: screw type terminals, connection capacity: 6 x 10 mm² AWG 6			
	CE			

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Fixing Mode	By 4 screws diameter: 10 mm on vertical panel, operating position: horizontal By 4 screws diameter: 10 mm on vertical panel, operating position: vertical By 4 screws diameter: 10 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 F			
Width	192.0 mm		
Height	189.0 mm		
Depth	205.0 mm		
Net Weight	24.91 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	21 cm
Package 1 Width	31 cm
Package 1 Length	21 cm
Package 1 Weight	28.4 kg

Contractual warranty

Warranty 18 months



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

②	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

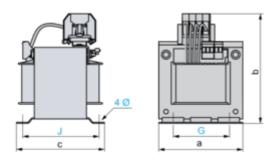
Certifications & Standards

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			

ABT7PDU250G

Dimensions Drawings

Dimensions



Dimensions in mm

а	b	С	G	J	Ø
192	205	189	150	150	10

Dimensions in in.

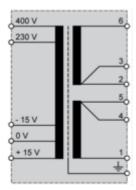
а	b	С	G	J	Ø
7.56	8.07	7.44	5.90	5.90	0.39

Product datasheet

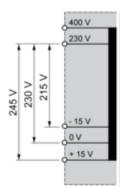
ABT7PDU250G

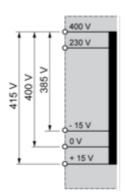
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

