Product datasheet





voltage transformer - 230..400 V -2 x 115 V - 1.6 KVA

Local distributor code: 389707105

ABT7PDU160G

! To be discontinued on: 30 May 2024

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

① To be discontinued

EAN Code: 3389119401272

Main

Range Of Product	Modicon Transformer Universal		
Product Or Component Type Safety and isolation transformer			
Rated Power In Va	1600 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

oomplementary			
Input Voltage Limits	360440 V 207253 V		
Network Frequency Limits	4763 Hz		
Input Voltage Tolerance	+/- 15 V		
Efficiency	94 %		
Power Dissipation In W	102.1 W		
Voltage Variation At Nominal Load	0,0286 at 400 V 0,0306 at 230 V		
Output Sustained Overvoltage 0,027 (no load, hot state)			
Maximum Voltage Drop At Rated Load	3.14 %		
No Load Losses	26.38 W		
Short-Circuit Voltage	0,035		
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: 6 x 4 mm² AWG 11		
	CE		

Life Is On Schneider 26 Apr 2024



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 Grounding of secondary Series by internal jumper		
Operating Altitude	3000 m		
Electrical Insulation Class	Class F		
Width 174.0 mm			
Height	169.0 mm		
Depth	163.0 mm		
Net Weight	20.31 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	29.600 cm
Package 1 Width	39.400 cm
Package 1 Length	39.800 cm
Package 1 Weight	22.018 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	4
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	92.300 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	

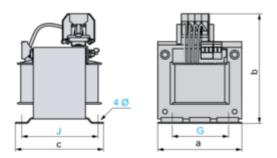
Certifications & Standards

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

ABT7PDU160G

Dimensions Drawings

Dimensions



Dimensions in mm

а	b	С	G	J	Ø
174	163	169	135	141	7

Dimensions in in.

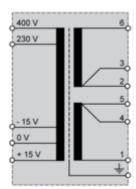
а	b	С	G	J	Ø
6.85	6.42	6.65	5.31	5.55	0.27

Product datasheet

ABT7PDU160G

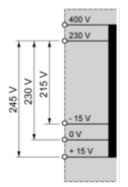
Connections and Schema

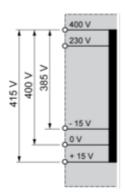
Internal Scheme



ABT7PDU160G

Primary Voltage Wiring





Secondary Voltage Wiring

