Product datasheet

Specification





voltage transformer - 230..400 V - 1 x 115 V - 63 VA

ABL6TS06G

Main

Range Of Product	Modicon Transformer Optimized		
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 V AC		
Secondary Winding	Single		
Protective Cover	Without		
Ambient Air Temperature For Operation	-2050 °C		

Complementary

Complementary	
Input Voltage Limits	207253 V 360440 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	84 %
Power Dissipation In W	12 W
Output Sustained Overvoltage	9 % (no load, hot state)
Maximum Voltage Drop At Rated Load	0.1 %
No Load Losses	5.3 W
Short-Circuit Voltage	0,0792
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: 2 x 4 mm² AWG 11
	CE
Fixing Mode	By 4 screws diameter: 4.8 mm on vertical panel, operating position: horizontal By 4 screws diameter: 4.8 mm on vertical panel, operating position: vertical By clips (with mounting plate) on 35 mm symmetrical DIN rail By 4 screws diameter: 4.8 mm on horizontal panel with derating to 90 %
Operating Altitude	3000 m

Electrical Insulation Class	Class B
Width	78.0 mm
Height	79.0 mm
Depth	91.0 mm
Net Weight	1.48 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
Protective Treatment	TC
Ambient Air Temperature For Storage	-4080 °C
Overvoltage Category	Class I conforming to VDE 0106-1
Dielectric Strength	2000 V between winding and ground 4000 V between primary and secondary

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	18.500 cm
Package 1 Width	12.500 cm
Package 1 Length	15.000 cm
Package 1 Weight	1.655 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	60
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	112.300 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

	Mercury Free	
	Rohs Exemption Information	Yes
⊘	Pvc Free	

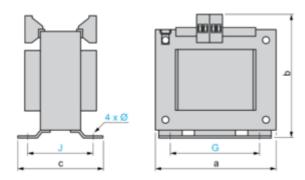
Certifications & Standards

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
78	91	79	56	56	4.8

Dimensions in in.

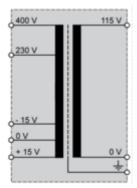
Difficiono in in.						
а	b	С	G	J	Ø	
3.07	3.58	3.11	2.20	2.20	0.19	

Product datasheet

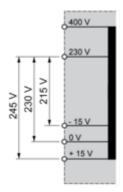
ABL6TS06G

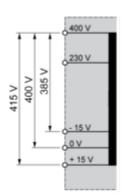
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

