Product datasheet





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

ABL6TS06U

- ! Discontinued on: 10 Feb 2023
- ! To be end-of-service on: 1 Jun 2025

! Discontinued

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	230 V AC			
Secondary Winding	Single			
Protective Cover	Without			
Ambient Air Temperature For Operation	-2050 °C			

Complementary

Complementary				
Input Voltage Limits	360440 V 207253 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	1.4 %			
No Load Losses	5.3 W			
Short-Circuit Voltage	0,0908			
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			
Marking	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 %

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Operating Altitude	3000 m
Electrical Insulation Class	Class B
Width	78.0 mm
Height	79.0 mm
Depth	91.0 mm
Net Weight	1.49 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
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	1.654 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	112.240 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	

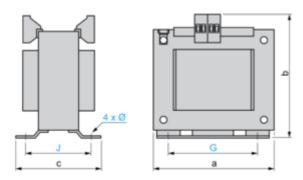
Certifications & Standards

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		

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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.

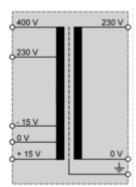
Difficusions in in.						
а	b	С	G	J	Ø	
3.07	3.58	3.11	2.20	2.20	0.19	

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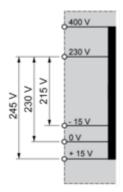
ABL6TS06U

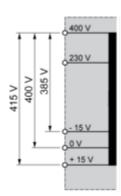
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

