## **Product datasheet**

Specifications





# voltage transformer - 230..400 V - 1 x 230 V - 40 VA

ABL6TS04U

## Main

Range Of Product	Modicon Transformer Optimized			
Product Or Component Type	Safety and isolation transformer			
Rated Power In Va	40 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

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Input Voltage Limits	360440 V 207253 V				
Network Frequency Limits	4763 Hz				
Input Voltage Tolerance	+/- 15 V				
Efficiency	81 %				
Power Dissipation In W	9.4 W				
Output Sustained Overvoltage	9 % (no load, hot state)				
Maximum Voltage Drop At Rated Load	4 %				
No Load Losses	4.4 W				
Short-Circuit Voltage	0,1146				
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 mm <sup>2</sup> AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 4 mm <sup>2</sup> AWG 11 For output connection: screw type terminals, connection capacity: 2 x 4 mm <sup>2</sup> 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 %				
Operating Altitude	3000 m				

Electrical Insulation Class	Class B
Width	78.0 mm
Height	70.0 mm
Depth	91.0 mm
Net Weight	1.12 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	1.304 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	91.420 kg

## **Contractual warranty**

Warranty

18 months

## Sustainability Screen Premium

**Green Premium<sup>TM</sup> 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-CO<sub>2</sub> 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



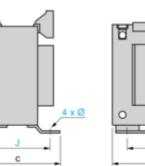
## **Certifications & Standards**

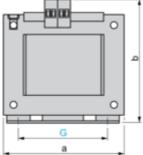
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
Environmental Disclosure	Product Environmental Profile				
Circularity Profile	No need of specific recycling operations Circularity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

## **Product datasheet**

## **Dimensions Drawings**

#### Dimensions





#### Dimensions in mm

а	b	с	G	J	Ø
78	91	70	56	47.5	4.8

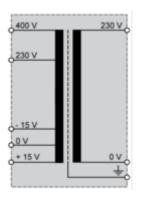
#### Dimensions in in.

а	b	с	G	J	Ø
3.07	3.58	2.76	2.20	1.87	0.19

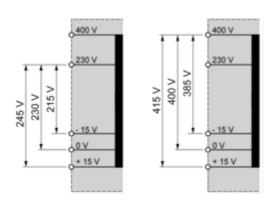
## **Product datasheet**

#### Connections and Schema

#### Internal Scheme



#### Primary Voltage Wiring



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### Secondary Voltage Wiring

