# **Product datasheet**

Specification





# voltage transformer - 230..400 V - 1 x 12 V - 40 VA

Local distributor code: 395510276

510276 ABL6TS04J

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

! To be discontinued

EAN Code: 3389110880243

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

#### Complementary

Input Voltage Limits	360440 V
mput voitage Lilling	207253 V
	201255 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	81 %
Power Dissipation In W	9.4 W
Output Sustained Overvoltage	14 % (no load, hot state)
Maximum Voltage Drop At Rated Load	0 %
No Load Losses	4.4 W
Short-Circuit Voltage	0,1213
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 <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 %

25 Apr 2024 Life Is On Schneider



Operating Altitude	3000 m
Electrical Insulation Class	Class B
Width	78.0 mm
Height	70.0 mm
Depth	91.0 mm
Net Weight	1.10 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 61558-2-6			
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	12.5 cm
Package 1 Width	15.0 cm
Package 1 Length	18.5 cm
Package 1 Weight	1.318 kg
Unit Type Of Package 2	S04
Number Of Units In Package 2	5
Package 2 Height	30 cm
Package 2 Width	40 cm
Package 2 Length	60 cm
Package 2 Weight	7.865 kg

## **Contractual warranty**

Warranty 18 months



**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



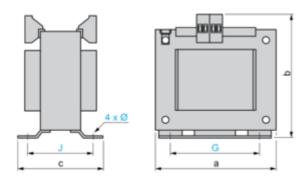
#### **Certifications & Standards**

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

## ABL6TS04J

## **Dimensions Drawings**

#### **Dimensions**



#### Dimensions in mm

а	b	С	G	J	Ø
78	91	70	56	47.5	4.8

#### Dimensions in in.

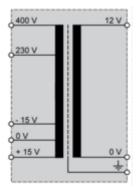
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а	b	С	G	J	Ø
3.07	3.58	2.76	2.20	1.87	0.19

## **Product datasheet**

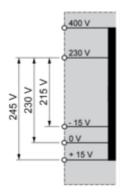
## ABL6TS04J

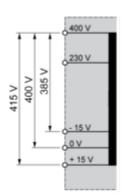
Connections and Schema

#### Internal Scheme



#### Primary Voltage Wiring





## Secondary Voltage Wiring

