# **Product datasheet**

Specifications





# voltage transformer - 230..400 V - 1 x 24 V - 400 VA

ABL6TS40B

Local distributor code: 391190904

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

(!) To be discontinued

EAN Code: 3389110601329

### Main

Range Of Product	Modicon Transformer Optimized		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	400 VA		
Input Voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2		
Output Voltage	24 V AC		
Secondary Winding	Single		
Protective Cover	Without		
Ambient Air Temperature For Operation	-2050 °C		

#### Complementary

Input Voltage Limits	360440 V
input voitage Limits	207253 V
	201253 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	92 %
Power Dissipation In W	34.8 W
Output Sustained Overvoltage 4 % (no load, hot state)	
Maximum Voltage Drop At Rated Load	0.7 %
No Load Losses	12.4 W
Short-Circuit Voltage	0,045
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 10 mm² AWG 6
Marking	CE
Fixing Mode	By 4 screws diameter: 5.8 mm on vertical panel, operating position: horizontal
	By 4 screws diameter: 5.8 mm on vertical panel, operating position: vertical
	By 4 screws diameter: 5.8 mm on horizontal panel with derating to 90 $\%$
Operating Altitude	3000 m

Electrical Insulation Class	Class B
Width	135.0 mm
Height	120.0 mm
Depth	136.0 mm
Net Weight	6.31 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 61558-2-6		
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	26.500 cm
Package 1 Width	19.000 cm
Package 1 Length	23.000 cm
Package 1 Weight	6.834 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	15
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	115.510 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

	Mercury Free	
<b>⊘</b>	Rohs Exemption Information	Yes
<b>②</b>	Pvc Free	

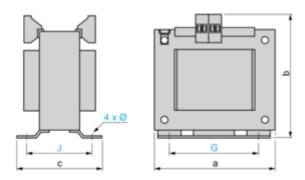
#### **Certifications & Standards**

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

## ABL6TS40B

#### **Dimensions Drawings**

#### **Dimensions**



#### Dimensions in mm

а	b	С	G	J	Ø
135	136	120	104	87	5.8

#### Dimensions in in.

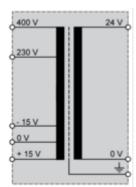
Billionolono III III.					
а	b	С	G	J	Ø
5.31	5.35	4.72	4.09	3.42	0.23

# **Product datasheet**

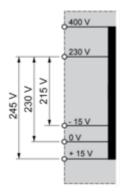
## ABL6TS40B

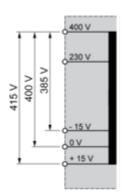
Connections and Schema

#### Internal Scheme



#### Primary Voltage Wiring





## Secondary Voltage Wiring

