# **Product datasheet**

Specifications





① To be discontinued

voltage transformer - 230..400 V -1 x 115 V - 160 VA

Local distributor code: 389706342

ABL6TS16G

(!) To be discontinued on: 30 May 2024

(!) To be end-of-service on: 30 May 2025

#### EAN Code: 3389110585865

## Main

Range Of Product	Modicon Transformer Optimized				
Product Or Component Type	Safety and isolation transformer				
Rated Power In Va	160 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

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Input Voltage Limits	207253 V					
	360440 V					
Network Frequency Limits	4763 Hz					
Input Voltage Tolerance	+/- 15 V					
Efficiency	88 %					
Power Dissipation In W	21.8 W					
Output Sustained Overvoltage	6 % (no load, hot state)					
Maximum Voltage Drop At Rated Load	0.7 %					
No Load Losses	9.1 W					
Short-Circuit Voltage	0,0665					
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: 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	105.0 mm
Height	81.0 mm
Depth	112.0 mm
Net Weight	2.89 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	19.800 cm
Package 1 Width	18.000 cm
Package 1 Length	20.000 cm
Package 1 Weight	3.108 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	30
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	106.240 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



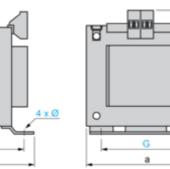
## **Certifications & Standards**

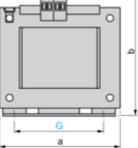
Reach Regulation	REACh Declaration				
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)				
China Rohs Regulation	China RoHS declaration				
Environmental Disclosure	Product Environmental Profile				
Circularity Profile	No need of specific recycling operations Circularity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

# **Product datasheet**

### **Dimensions Drawings**

#### Dimensions





#### Dimensions in mm

с

а	b	с	G	J	Ø
105	112	81	80.5	63	5.8

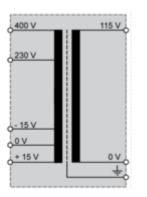
#### Dimensions in in.

а	b	с	G	J	Ø
4.13	4.41	3.19	3.17	2.48	0.23

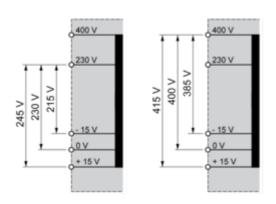
# **Product datasheet**

#### Connections and Schema

#### Internal Scheme



#### Primary Voltage Wiring



17 Apr 2024

Secondary Voltage Wiring

