Product datasheet





voltage transformer - 230..400 V -1 x 115 V - 25 VA

Local distributor code: 395510247

ABL6TS02G

! To be discontinued on: 30 May 2024

! End-of-service on: 15 Mar 2023

! Discontinued

EAN Code: 3389110880212

Main

Range Of Product	Modicon Transformer Optimized		
Product Or Component Type	Safety and isolation transformer		
Rated Power In Va	25 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

Input Voltage Limits	207 252 //
input voitage Limits	207253 V
	360440 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	79 %
Power Dissipation In W	6.6 W
Output Sustained Overvoltage	15 % (no load, hot state)
Maximum Voltage Drop At Rated Load	0 %
No Load Losses	3 W
Short-Circuit Voltage	0,1403
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 ²
	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 %

Life Is On Schneider 16 Apr 2024

Operating Altitude	3000 m
Electrical Insulation Class	Class B
Width	66.0 mm
Height	65.0 mm
Depth	81.0 mm
Net Weight	0.72 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	14.500 cm
Package 1 Weight	927.000 g
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	68.620 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

	Mercury Free	
	Rohs Exemption Information	Yes
⊘	Pvc Free	

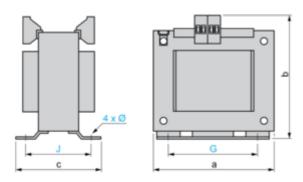
Certifications & Standards

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		

ABL6TS02G

Dimensions Drawings

Dimensions



Dimensions in mm

а	b	С	G	J	Ø
66	81	65	50	42	4.8

Dimensions in in.

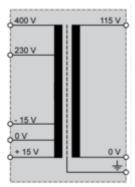
Difficiono in in.						
а	b	С	G	J	Ø	
2.60	3.19	2.56	1.97	1.65	0.19	

Product datasheet

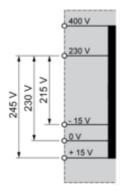
ABL6TS02G

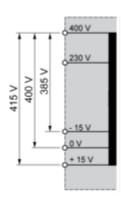
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

