Product datasheet

Specifications





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

ABL6TS40U

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

Complementary

Complementary				
Input Voltage Limits	360440 V 207253 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	0,0477			
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 mm² AWG 11 For output connection: screw type terminals, connection capacity: 2 x 4 mm² AWG 11			
	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	108.0 mm
Depth	134.0 mm
Net Weight	6.43 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 61558-2-4			
Protective Treatment	тс			
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	19.000 cm
Package 1 Width	22.500 cm
Package 1 Length	26.000 cm
Package 1 Weight	7.044 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	118.210 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

②	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

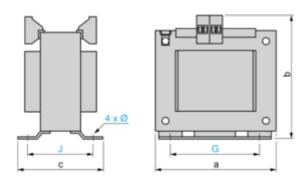
Certifications & Standards

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			

ABL6TS40U

Dimensions Drawings

Dimensions



Dimensions in mm

а	b	С	G	J	Ø
135	134	108	104	87	5.8

Dimensions in in.

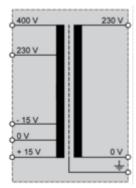
Billionolone in in.						
а	b	С	G	J	Ø	
5.31	5.28	4.25	4.09	3.42	0.23	

Product datasheet

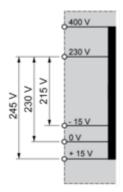
ABL6TS40U

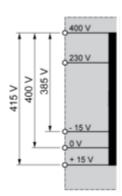
Connections and Schema

Internal Scheme



Primary Voltage Wiring





Secondary Voltage Wiring

