Product datasheet Characteristics

ABL6TS16U

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



Main

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Range of product	Phaseo Optimum	
Product or component type	Safety and isolation transformer	Ť
Rated power in VA	160 VA	5
Input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2	ir. Of th
Output voltage	230 V AC	<u> </u>
Secondary winding	Single	,
Protective cover	Without	ide Filosophia
Ambient air temperature for operation	-2050 °C	:

Complementary

<u> </u>		
Input voltage limits	360440 V	7
	207253 V	-
Network frequency limits	4763 Hz	
Input voltage tolerance	+/- 15 V	
Efficiency	88 %	
Power dissipation in W	21.8 W	
Output sustained overvoltage	7 % (no load, hot state)	— hstift
Voltage drop at rated load	0.9 %	
No load losses	9.1 W	
Output protection type	Against overload, protection technology: external	
	Against overvoltage, protection technology: external	. <u>=</u>
	Against short-circuits, protection technology: external	. <u>v</u> .
Connections - terminals	Screw type terminals for input connection, connection capacity: 5 x 4 mm² AWG 11	
	Screw type terminals for input ground connection, connection capacity: 1 x 4 mm ² AWG 11	en t
	Screw type terminals for output connection, connection capacity: 2 x 4 mm ² AWG 11	E E
Marking	CE	—— ob sig
Fixing mode	By 4 screws, screw(s) \emptyset = 5.8 mm on horizontal panel with derating to 90 %	
	By 4 screws, screw(s) \emptyset = 5.8 mm on vertical panel, operating position: horizontal	<u>.</u>
	By 4 screws, screw(s) \emptyset = 5.8 mm on vertical panel, operating position: vertical	200
		. <u>u</u> .

Operating altitude	3000 m	
Electrical insulation class	Class B	
Product weight	3.2 kg	

Environment

Product certifications	UR
	EAC
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

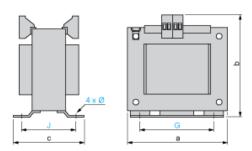
Contractual warranty

Warranty period 1	18 months
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Product datasheet Dimensions Drawings

ABL6TS16U

Dimensions



Dimensions in mm

а	b	С	G	J	Ø
105	112	80	80.5	63	5.8

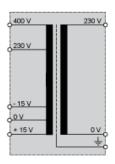
Dimensions in in.

а	b	С	G	J	Ø
4.13	4.41	3.15	3.17	2.48	0.23

Product datasheet Connections and Schema

ABL6TS16U

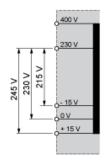
Internal Scheme

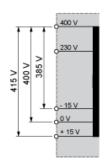


Product datasheet Connections and Schema

ABL6TS16U

Primary Voltage Wiring





Product datasheet Connections and Schema

ABL6TS16U

Secondary Voltage Wiring

