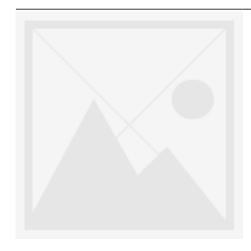
## Product datasheet Characteristics

## ABL6TS16G

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



#### Main

		į
Range of product	Phaseo Optimum	
Product or component type	Safety and isolation transformer	į
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	, de
Output voltage	115 V AC	
Secondary winding	Single	,
Protective cover	Without	
Ambient air temperature for operation	-2050 °C	

### Complementary

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)
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: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external
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 mm² AWG 11 Screw type terminals for output connection, connection capacity: 2 x 4 mm² AWG 11
Marking	CE
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 By 4 screws, screw(s) $\emptyset$ = 5.8 mm on vertical panel, operating position: vertical	
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

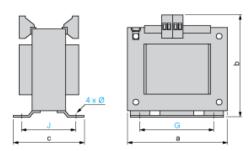
#### Contractual warranty

	•	
Warranty period	18 months	

# Product datasheet Dimensions Drawings

## ABL6TS16G

#### **Dimensions**



#### Dimensions in mm

а	b	С	G	J	Ø
105	112	80	80.5	63	5.8

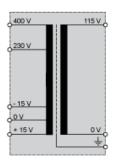
#### Dimensions in in.

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

# Product datasheet Connections and Schema

## ABL6TS16G

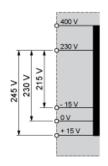
#### Internal Scheme

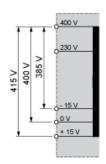


# Product datasheet Connections and Schema

## ABL6TS16G

### Primary Voltage Wiring





# Product datasheet Connections and Schema

## ABL6TS16G

### Secondary Voltage Wiring

