# Product data sheet Characteristics

## ABL6TS02J

voltage transformer - 230..400 V - 1 x 12 V - 25 VA



TSI Code: 389706313 Price\*: 68.00 GBP



### 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	12 V AC		
Secondary winding	Single		
Protective cover	Without		
Ambient air temperature for operation	-2050 °C		

### Complementary

Input voltage limits	360440 V 207253 V
Network frequency limits	4763 Hz
Input voltage tolerance	+/- 15 V
Efficiency	79 %
Power dissipation in W	6.6 W
Output sustained overvoltage	16 % (no load, hot state)
Maximum voltage drop at rated load	0.6 %
No load losses	3 W
Short-circuit voltage	0,1474
Dutput protection type  Against overload, protection technology: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external	
Connections - terminals	For input connection: screw type terminals, connection capacity: 5 x 4 m-m² AWG 11  For input ground connection: screw type terminals, connection capacity: 1 x 4 m-m² AWG 11  For output connection: screw type terminals, connection capacity: 2 x 4 m-m² 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 %
Operating altitude	3000 m

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not inherended as a substitute for and is not to be used for determining suitability or reliability of these products by especific bear applications. It is the dourn arise that is the description to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein. \*Prices are indicative

Electrical insulation class	Class B	
Width	66.0 Mm	
Height	65.0 Mm	
Depth	81.0 Mm	
Net weight	0.7 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 61558-2-6		
Protective treatment	TC		
mbient 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		
	Class I conforming to VDE 0106-1 2000 V between winding and ground		

### Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	926 G
Package 1 Height	12.5 Cm
Package 1 width	14.5 Cm
Package 1 Length	18.5 Cm
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Weight	40.78 Kg
Package 2 Height	73.5 Cm
Package 2 width	60 Cm
Package 2 Length	80 Cm

### Offer Sustainability

Sustainable offer status	Green Premium product		
REACh Regulation	☑ REACh Declaration		
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <sup>™</sup> EU RoHS Declaration		
Mercury free	Yes		
RoHS exemption information	₫Yes		
China RoHS Regulation	☑ China RoHS Declaration		
Environmental Disclosure	Product Environmental Profile		
PVC free	Yes		

### Contractual warranty

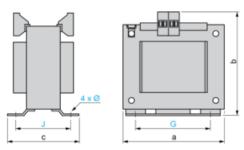
Warranty	18 months



# Product data sheet Dimensions Drawings

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### Dimensions



### Dimensions in mm

а	b	С	G	J	Ø
66	81	64	50	42	4.8

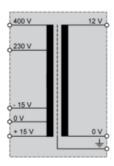
### Dimensions in in.

а	b	С	G	J	Ø
2.60	3.19	2.52	1.97	1.65	0.19

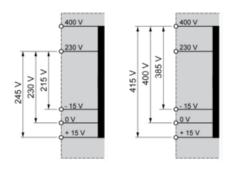
### Product data sheet Connections and Schema

## ABL6TS02J

### Internal Scheme



### Primary Voltage Wiring



### Secondary Voltage Wiring



Product Life Status: Commercialised