# **Product datasheet**





# voltage transformer - 230..400 V -1 x 24 V - 630 VA

ABL6TS63B

Local distributor code: 395510386

! To be discontinued on: 30 May 2024

! To be end-of-service on: 30 May 2025

EAN Code: 3389110601350

#### Main

Range Of Product	F Product Modicon Transformer Optimized			
Product Or Component Type	Safety and isolation transformer			
Rated Power In Va	630 VA			
nput Voltage 230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2				
Output Voltage	24 V AC			
Secondary Winding	Single			
Protective Cover	Without			
Ambient Air Temperature For Operation	-2050 °C			

## Complementary

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Input Voltage Limits	360440 V
	207253 V
Network Frequency Limits	4763 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	93 %
Power Dissipation In W	47.4 W
Output Sustained Overvoltage	3 % (no load, hot state)
Maximum Voltage Drop At Rated Load	0.5 %
No Load Losses	18.9 W
Short-Circuit Voltage	0,0341
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 10 mm² AWG 6
Marking	CE
Fixing Mode	By 4 screws diameter: 7 mm on vertical panel, operating position: horizontal By 4 screws diameter: 7 mm on vertical panel, operating position: vertical By 4 screws diameter: 7 mm on horizontal panel with derating to 90 %
Operating Altitude	3000 m

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Electrical Insulation Class	Class B
Width	150.0 mm
Height	138.0 mm
Depth	147.0 mm
Net Weight	9.76 kg

## **Environment**

Product Certifications	EAC	
	UR BNN CI	
	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	
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	26.500 cm
Package 1 Width	22.500 cm
Package 1 Length	19.000 cm
Package 1 Weight	10.295 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	167.425 kg

# **Contractual warranty**

Warranty 18 months



**Green Premium**<sup>TM</sup> **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-CO<sub>2</sub> 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

<b>②</b>	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

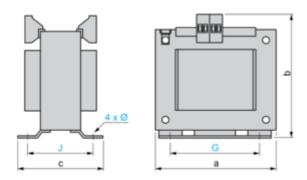
#### **Certifications & Standards**

Reach Regulation	REACh Declaration			
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)			
China Rohs Regulation	China RoHS declaration			
<b>Environmental Disclosure</b>	Product Environmental Profile			
Circularity Profile	No need of specific recycling operations  Circularity Profile			

## ABL6TS63B

#### **Dimensions Drawings**

#### **Dimensions**



#### Dimensions in mm

а	b	С	G	J	Ø
150	147	138	122	107.5	7

#### Dimensions in in.

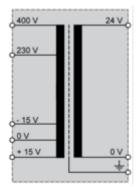
Difficiono in in.					
а	b	С	G	J	Ø
5.90	5.79	5.43	4.80	4.23	0.27

## **Product datasheet**

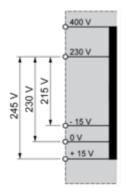
## ABL6TS63B

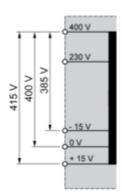
Connections and Schema

#### Internal Scheme



#### Primary Voltage Wiring





## Secondary Voltage Wiring

