

# Product datasheet

Specifications



## voltage transformer - 230..400 V - 2 x 24 V - 320 VA

ABT7PDU032B

! Discontinued on: Nov 21, 2022

! To be end-of-service on: Jun 1, 2025

! Discontinued

### Main

Range Of Product	Modicon Transformer Universal
Product Or Component Type	Safety and isolation transformer
Rated Power In Va	320 VA
Input Voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2
Output Voltage	24/48 V AC
Secondary Winding	Double
Protective Cover	With
Ambient Air Temperature For Operation	-20...60 °C

### Complementary

Input Voltage Limits	360...440 V 207...253 V
Network Frequency Limits	47...63 Hz
Input Voltage Tolerance	+/- 15 V
Efficiency	91 %
Power Dissipation In W	31.6 W
Voltage Variation At Nominal Load	0,0312 at 230 V 0,0358 at 400 V
Output Sustained Overvoltage	0,023 (no load, hot state)
Maximum Voltage Drop At Rated Load	2.79 %
No Load Losses	15.1 W
Short-Circuit Voltage	0,067
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 mm <sup>2</sup> AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 4 mm <sup>2</sup> AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm <sup>2</sup> AWG 11
Marking	CE

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

<b>Fixing Mode</b>	By 4 screws diameter: 6.5 mm on vertical panel, operating position: horizontal By 4 screws diameter: 6.5 mm on vertical panel, operating position: vertical By 4 screws diameter: 6.5 mm on horizontal panel with derating to 90 %
<b>Output Coupling</b>	Parallel Series by internal jumper Grounding of secondary
<b>Operating Altitude</b>	3000 m
<b>Electrical Insulation Class</b>	Class B
<b>Status Led</b>	1 LED (orange) input voltage
<b>Width</b>	123.0 mm
<b>Height</b>	152.0 mm
<b>Depth</b>	159.0 mm
<b>Net Weight</b>	7.17 kg

## Environment

<b>Product Certifications</b>	EAC UR DNV-GL
<b>Standards</b>	UL 506
<b>Ip Degree Of Protection</b>	IP20
<b>Environmental Characteristic</b>	EMC conforming to EN 62041 Safety conforming to EN 61558-1 Safety conforming to EN 61558-2-6
<b>Ambient Air Temperature For Storage</b>	-40...80 °C
<b>Relative Humidity</b>	0...95 % during operation
<b>Overvoltage Category</b>	Class I conforming to VDE 0106-1
<b>Dielectric Strength</b>	3200 V between input and ground 3200 V between output and ground 5100 V between input and output

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	27.000 cm
<b>Package 1 Width</b>	26.500 cm
<b>Package 1 Length</b>	15.100 cm
<b>Package 1 Weight</b>	7.623 kg
<b>Unit Type Of Package 2</b>	P06
<b>Number Of Units In Package 2</b>	24
<b>Package 2 Height</b>	75.000 cm
<b>Package 2 Width</b>	60.000 cm
<b>Package 2 Length</b>	80.000 cm
<b>Package 2 Weight</b>	191.452 kg

## Contractual warranty

<b>Warranty</b>	18 months
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## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class 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

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](#)

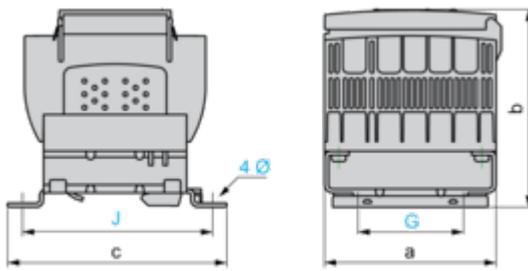
Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile No need of specific recycling operations  
[Circularity Profile](#)

Dimensions Drawings

Dimensions

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Dimensions in mm

a	b	c	G	J	Ø
123	159	152	82	136	6.5

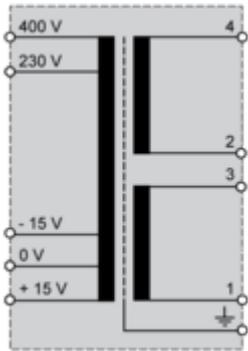
Dimensions in in.

a	b	c	G	J	Ø
4.84	6.26	5.98	3.23	5.35	0.25

Connections and Schema

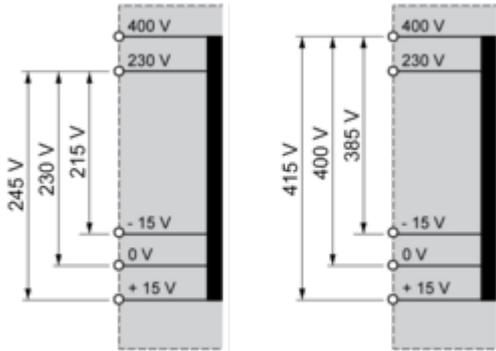
Internal Scheme

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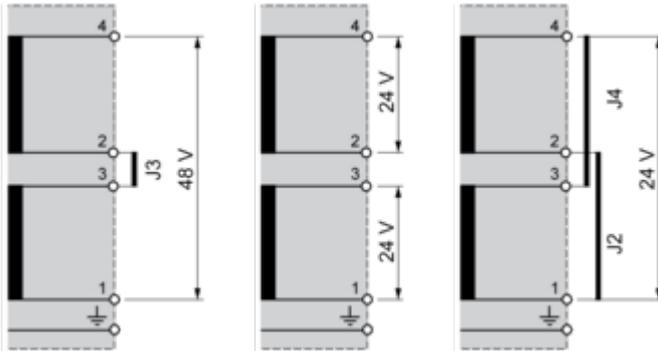
Primary Voltage Wiring

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Secondary Voltage Wiring

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J2, J3, J4 Internal Jumper