

Product datasheet

Specifications



voltage transformer - 230..400 V - 2 x 115 V - 160 VA

ABT7PDU016G

Price: 3,791.56 ZAR

Main

Range Of Product	Modicon Transformer Universal
Product Or Component Type	Safety and isolation transformer
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
Output Voltage	115/230 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	88 %
Power Dissipation In W	21.8 W
Voltage Variation At Nominal Load	0,033 at 400 V 0,0339 at 230 V
Output Sustained Overvoltage	0,025 (no load, hot state)
Maximum Voltage Drop At Rated Load	3.61 %
No Load Losses	9.53 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 ² AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 4 mm ² AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm ² AWG 11
Marking	CE
Fixing Mode	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 clips on 35 x 15 mm symmetrical DIN rail By 4 screws diameter: 6.5 mm on horizontal panel with derating to 90 %

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Output Coupling	Parallel Series by internal jumper Grounding of secondary
Operating Altitude	3000 m
Electrical Insulation Class	Class B
Status Led	1 LED (orange) input voltage
Width	123.0 mm
Height	152.0 mm
Depth	127.0 mm
Net Weight	4.39 kg

Environment

Product Certifications	UR EAC 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 61558-2-4
Ambient Air Temperature For Storage	-40...80 °C
Relative Humidity	0...95 % during operation
Overvoltage Category	Class I conforming to VDE 0106-1
Dielectric Strength	3200 V between input and ground 3200 V between output and ground 5100 V between input and output

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	27.000 cm
Package 1 Width	26.500 cm
Package 1 Length	15.100 cm
Package 1 Weight	4.919 kg
Unit Type Of Package 2	P06
Number Of Units In Package 2	24
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	126.556 kg

Contractual warranty

Warranty	18 months
-----------------	-----------

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-CO₂ 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)

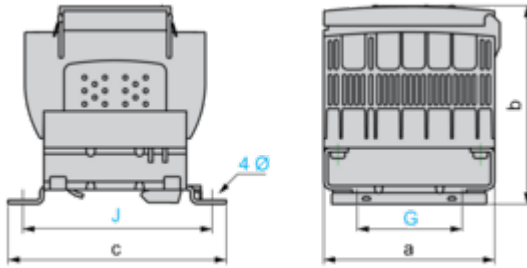
China Rohs Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

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

Dimensions Drawings

Dimensions



Dimensions in mm

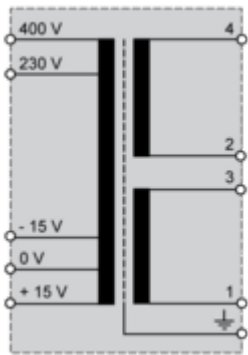
a	b	c	G	J	Ø
123	127	152	82	136	6.5

Dimensions in in.

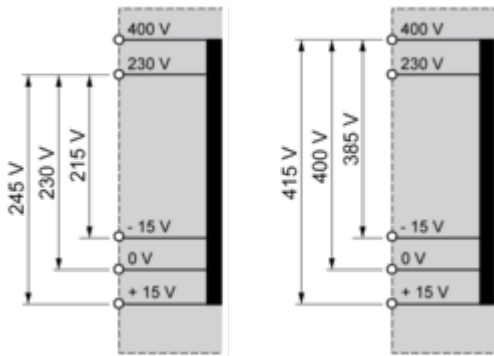
a	b	c	G	J	Ø
4.84	5.00	5.98	3.23	5.35	0.25

Connections and Schema

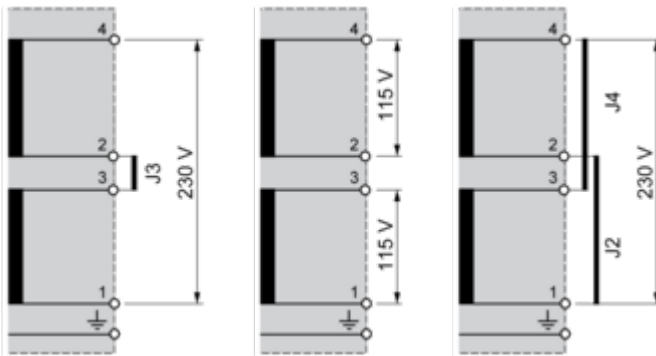
Internal Scheme



Primary Voltage Wiring



Secondary Voltage Wiring



J2, J3, J4 Internal Jumper