

Product datasheet

Specifications



voltage transformer - 230..400 V - 2 x 115 V - 63 VA

ABT7PDU006G

⚠ Discontinued on: 2 Jan 2024

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Main

Range of product	Modicon Transformer Universal
rated power in VA	63 VA
Product or component type	Safety and isolation transformer
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	207...253 V 360...440 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Efficiency	84 %
Power dissipation in W	12 W
Voltage variation at nominal load	0,0382 at 230 V 0,0426 at 400 V
Output sustained overvoltage	0,025 (no load, hot state)
Maximum voltage drop at rated load	4.28 %
No load losses	7.37 W
Short-circuit voltage	0,066
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: 4 x 4 mm² 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

Fixing mode	By 4 screws diameter: 5.5 mm on vertical panel, operating position: horizontal By 4 screws diameter: 5.5 mm on vertical panel, operating position: vertical By clips on 35 x 15 mm symmetrical DIN rail By 4 screws diameter: 5.5 mm on horizontal panel with derating to 90 %
Output coupling	Grounding of secondary Parallel Series by internal jumper
Operating altitude	3000 m
Electrical insulation class	Class B
Status LED	1 LED (orange) input voltage
Width	87.0 mm
Height	108.0 mm
Depth	115.0 mm
Net weight	1.97 kg

Environment

Product certifications	UR EAC DNV-GL
Standards	UL 506
IP degree of protection	IP20
Environmental characteristic	EMC conforming to IEC 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	25.800 cm
Package 1 Width	18.800 cm
Package 1 Length	11.600 cm
Package 1 Weight	2.281 kg
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	81.430 kg

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

SCIP Number 93c35204-c30d-4a1c-be25-b7657ea12b91

EU RoHS Directive [Compliant By Exemption](#)

PVC free Yes

Use Longer



Lifetime extension

Repair No

Use Again



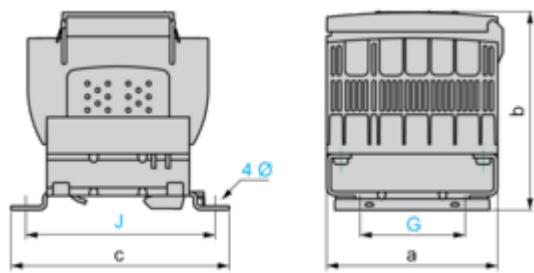
Repack and remanufacture

End of life manual availability [No need of specific recycling operations](#)

WEEE Label  The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Dimensions Drawings

Dimensions



Dimensions in mm

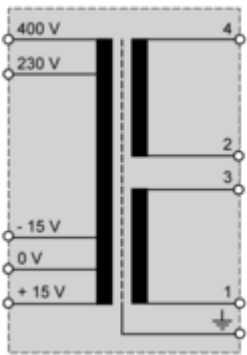
a	b	c	G	J	Ø
87	115	108	60	96	5.5

Dimensions in in.

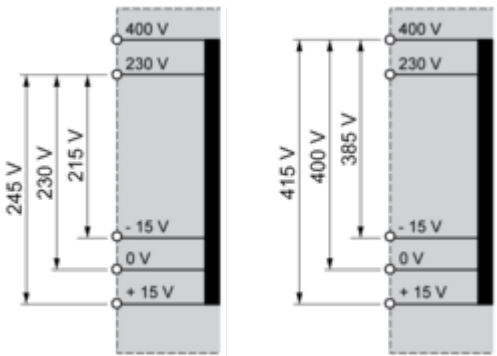
a	b	c	G	J	Ø
3.42	4.53	4.25	2.36	3.78	0.22

Connections and Schema

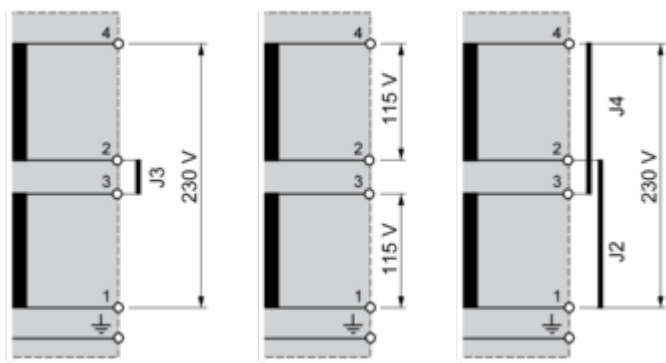
Internal Scheme



Primary Voltage Wiring



Secondary Voltage Wiring



J2, J3, J4 Internal Jumper