

# Product datasheet

Specifications



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

Local distributor code: 389706944 ABT7PDU006G

### Main

Range of product	Modicon Transformer Universal
Product or component type	Safety and isolation transformer
Rated power in VA	63 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	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: 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 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
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 %

<b>Output coupling</b>	Grounding of secondary Parallel Series by internal jumper
<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>	87.0 mm
<b>Height</b>	108.0 mm
<b>Depth</b>	115.0 mm
<b>Net weight</b>	2.0 kg

## Environment

<b>Product certifications</b>	UR EAC 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 61558-2-4
<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 Weight</b>	2.281 kg
<b>Package 1 Height</b>	11.6 cm
<b>Package 1 width</b>	18.8 cm
<b>Package 1 Length</b>	25.8 cm
<b>Unit Type of Package 2</b>	P06
<b>Number of Units in Package 2</b>	30
<b>Package 2 Weight</b>	81.43 kg
<b>Package 2 Height</b>	73.5 cm
<b>Package 2 width</b>	60 cm
<b>Package 2 Length</b>	80 cm

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
<b>Mercury free</b>	Yes

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<b>RoHS exemption information</b>	<a href="#">Yes</a>
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a>
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>
<b>PVC free</b>	Yes

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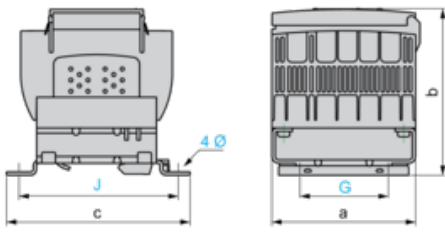
**Contractual warranty**

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<b>Warranty</b>	18 months
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**Dimensions**



Dimensions in mm

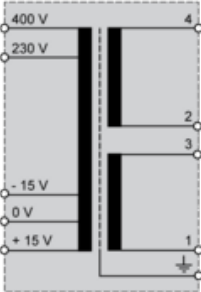
a	b	c	G	J	Ø
87	116	108	60	96	5.5

Dimensions in in.

a	b	c	G	J	Ø
3.42	4.57	4.25	2.36	3.78	0.22

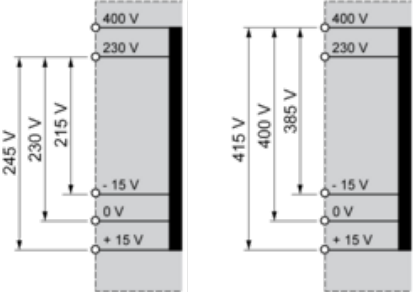
Internal Scheme

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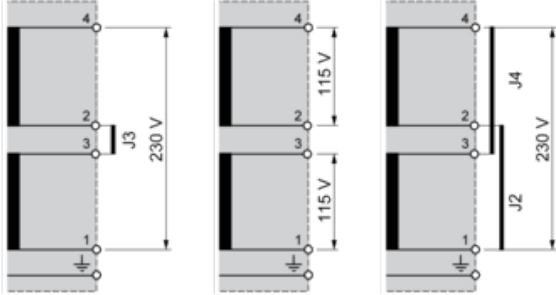


## Primary Voltage Wiring

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Secondary Voltage Wiring



J2, J3, J4 Internal Jumper