



### Main

Range of product	Modicon Universal
Product or component type	Safety and isolation transformer
Rated power in VA	100 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	86 %
Power dissipation in W	16.3 W
Voltage variation at nominal load	4 % at 230 V 0,0417 at 400 V
Output sustained overvoltage	0,049 (no load, hot state)
Maximum voltage drop at rated load	4.23 %
No load losses	11.26 W
Short-circuit voltage	0,062
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 %
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 mm
Height	139 mm
Depth	108 mm
Net weight	2.86 kg

## Environment

Product certifications	UR EAC
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
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 Weight	3.182 kg
Package 1 Height	11.6 cm
Package 1 width	18.5 cm
Package 1 Length	25.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	30
Package 2 Weight	108.46 kg
Package 2 Height	80 cm
Package 2 width	80 cm
Package 2 Length	60 cm

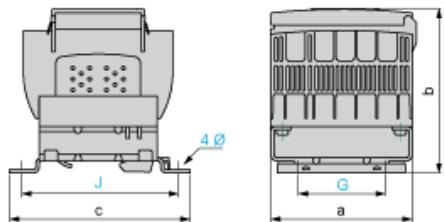
## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
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Dimensions



Dimensions in mm

a	b	c	G	J	Ø
87	139	108	60	96	5.5

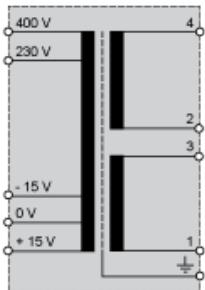
Dimensions in in.

a	b	c	G	J	Ø
3.42	5.47	4.25	2.36	3.78	0.22

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### Internal Scheme

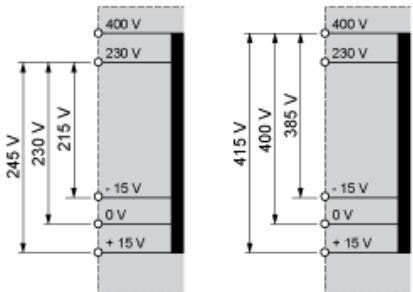
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### Primary Voltage Wiring

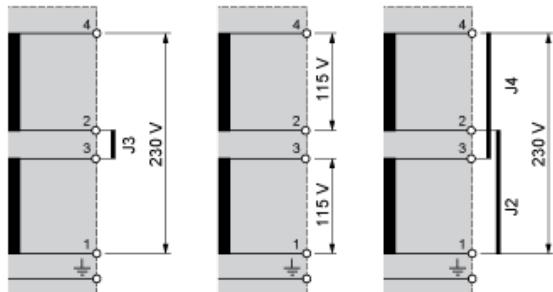
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### Secondary Voltage Wiring

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J2, Internal Jumper  
J3,  
J4