

## Main

Range of product	Phaseo Economic
Product or component type	Safety and isolation transformer
Rated power in VA	40 VA
Input voltage	230 V AC phase to phase, terminal(s): L1-L2 230 V AC single phase, terminal(s): N-L1
Output voltage	24 V AC
Secondary winding	Single
Protective cover	Without
Ambient air temperature for operation	-20...40 °C

## Complementary

Input voltage limits	207...253 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Efficiency	74 %
Power dissipation in W	14.1 W
Voltage variation at nominal load	0,135 at 230 V
Output sustained overvoltage	0,155 (no load, hot state)
Voltage drop at rated load	15.8 %
No load losses	3.8 W
Short-circuit voltage	16 %
Output protection type	Against overload, protection technology: external Against overvoltage, protection technology: external Against short-circuits, protection technology: external
Connections - terminals	Screw type terminals for input ground connection, connection capacity: 1 x 2.5...1 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for input connection, connection capacity: 4 x 2.5...4 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for output connection, connection capacity: 2 x 2.5...2 x 4 mm <sup>2</sup> AWG 14...AWG 11
Marking	CE
Fixing mode	By 4 screws, screw(s) Ø = 5 mm on vertical panel, operating position: vertical By clips (with mounting plate) on 35 mm symmetrical DIN rail By 4 screws, screw(s) Ø = 5 mm on horizontal panel with derating to 90 %, operating position: horizontal By 4 screws, screw(s) Ø = 5 mm on vertical panel
Operating altitude	3000 m
Electrical insulation class	Class B
Product weight	1.02 kg

## Environment

product certifications	EAC
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

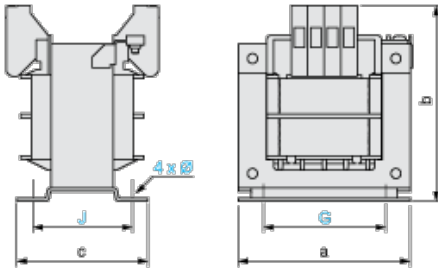
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## Contractual warranty

Warranty period

18 months

## Dimensions



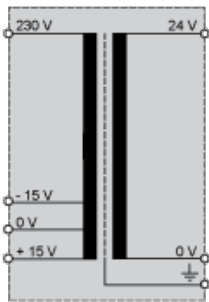
Dimensions in mm

a	b	c	G	J	Ø
79	90	70	56	48	4.8

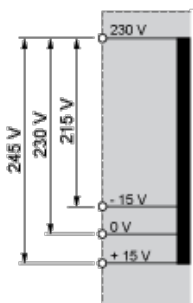
Dimensions in in.

a	b	c	G	J	Ø
3.11	3.54	2.76	2.20	1.89	0.19

## Internal Scheme



## Primary Voltage Wiring



## Secondary Voltage Wiring

