



## Main

Range of product	Phaseo Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	960 W
Nominal input voltage	400 V AC three phase, terminal(s): L1, L2, L3
Output voltage	24 V DC
Power supply output current	40 A
Anti-harmonic filter	Low frequency harmonic currents
Product certifications	KC CULus UL 508 EAC

## Complementary

Network frequency limits	47...63 Hz
Input voltage limits	360...440 V
Power Factor	0.857 at 400 V
Efficiency	78 %
Power dissipation in W	211 W
Output coupling	Parallel Series
Output protection type	Against overvoltage, protection technology: 2 J peak limiter Against overload and short-circuits, protection technology: external fuse, 50 A
Hold-up time	5 ms
Status LED	1 LED (green)output voltage
Connections - terminals	For input ground connection: screw type terminals, connection capacity: 1 x 2.5...1 x 4 mm <sup>2</sup> AWG 14...AWG 11 For input connection: screw type terminals, connection capacity: 9 x 2.5...9 x 4 mm <sup>2</sup> AWG 14...AWG 11 For output connection: screw type terminals, connection capacity: 4 x 16 mm <sup>2</sup> AWG 6
Depth	140 mm
Height	310 mm
Width	310 mm
Net weight	17.5 kg
Compatibility code	ABL8T

## Environment

IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	-20...55 °C
Ambient air temperature for storage	-40...80 °C
Relative humidity	0...95 % without condensation or dripping water
Operating altitude	3000 m
Safety class	Class I conforming to VDE 0106-1

Dielectric strength	2000 V between input and ground 4600 V between input and output 500 V between output and ground
Other environmental characteristic	EMC conforming to IEC 62041 Safety conforming to EN/IEC 61558-2-6 Safety conforming to UL 508 Safety conforming to UL 60950-1 EMC conforming to EN/IEC 61000-3-2

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Weight	20.428 kg
Package 1 Height	25 cm
Package 1 width	40.5 cm
Package 1 Length	42.5 cm
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Weight	90.212 kg
Package 2 Height	80 cm
Package 2 width	80 cm
Package 2 Length	60 cm

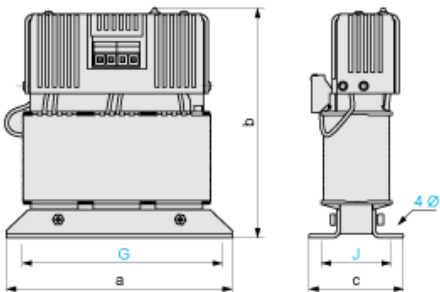
## Offer Sustainability

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>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes

## Contractual warranty

Warranty	18 months
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Dimensions



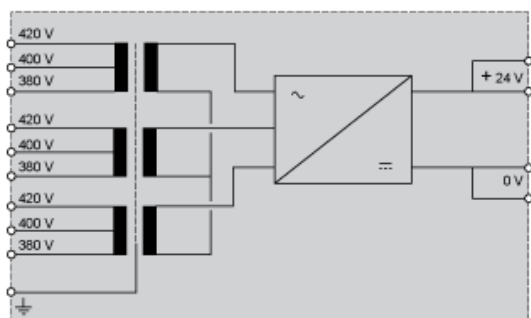
Dimensions in mm

a	b	c	G	J	Ø
310	310	140	260	95	11

Dimensions in in.

a	b	c	G	J	Ø
12.20	12.20	5.51	10.24	3.74	0.43

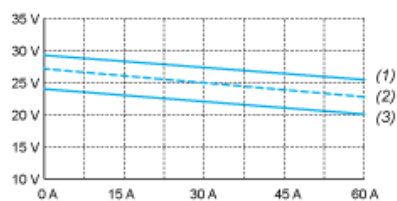
## Internal Wiring Diagram



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Load Limits Curve

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- (1) Nominal line supply + 10%
- (2) Nominal line supply
- (3) Nominal line supply - 10%