



## Main

Range of product	Modicon Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	360 W
Nominal input voltage	230 V AC single phase, terminal(s): N-L1 400 V AC phase to phase, terminal(s): L1-L2
Output voltage	24 V DC
Power supply output current	15 A
Anti-harmonic filter	Low frequency harmonic currents
Product certifications	EAC[RETURN]KC[RETURN]cULus[RETURN]JUL 508

## Complementary

Network frequency limits	47...63 Hz
Input voltage limits	360...440 V 207...253 V
Power Factor	0.663 at 400 V 0.693 at 230 V
Efficiency	80 %
Power dissipation in W	72 W
Output coupling	Series Parallel
Output protection type	Against overvoltage, protection technology: 2 J peak limiter Against overload and short-circuits, protection technology: external fuse, 20 A
Hold-up time	14 ms
Status LED	1 LED (green) output voltage 1 LED (orange) input voltage
Residual ripple	<= 1200 mV
Connections - terminals	For input connection: screw type terminals, connection capacity: 5 x 2.5...5 x 4 mm² AWG 14...AWG 11 For input ground connection: screw type terminals, connection capacity: 1 x 2.5...1 x 4 mm² AWG 14...AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm² AWG 11
Depth	181.0 mm
Height	138.0 mm
Width	135 mm
Net weight	9.27 kg
Compatibility code	ABL8F

## Environment

IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	-20...60 °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 Height	37.000 cm
Package 1 Width	32.500 cm
Package 1 Length	16.500 cm
Package 1 Weight	10.360 kg
Unit Type of Package 2	P06
Number of Units in Package 2	12
Package 2 Height	105.000 cm
Package 2 Width	60.000 cm
Package 2 Length	80.000 cm
Package 2 Weight	130.936 kg

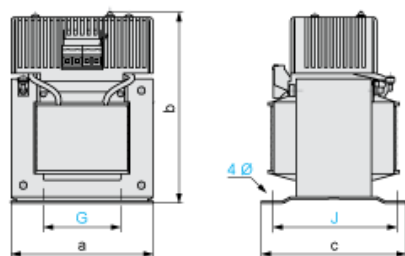
## Offer Sustainability

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)
Mercury free	Yes
China RoHS Regulation	<a href="#"> China RoHS Declaration</a>
RoHS exemption information	<a href="#"> Yes</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



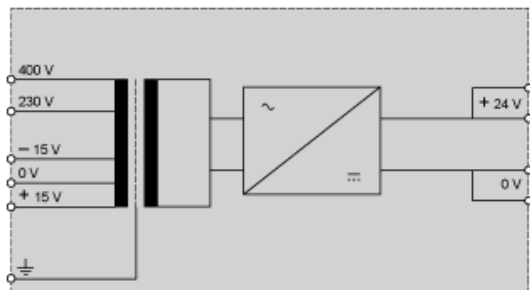
Dimensions in mm

a	b	c	G	J	Ø
135	185	138	105	125	6.5

Dimensions in in.

a	b	c	G	J	Ø
5.31	7.28	5.43	4.13	4.92	0.25

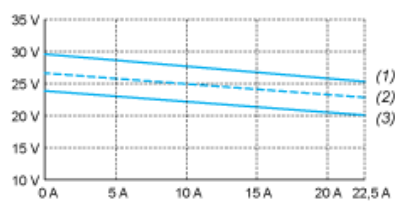
## Internal Wiring Diagram



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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%