



Main

Range of product	Modicon Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	240 W
Nominal input voltage	400 V AC three phase, terminal(s): L1, L2, L3
Output voltage	24 V DC
Power supply output current	10 A
Anti-harmonic filter	Low frequency harmonic currents
Product certifications	EAC[RETURN]UL 508[RETURN]KC[RETURN]cULus

Complementary

Network frequency limits	47...63 Hz
Input voltage limits	360...440 V
Power Factor	0.872 at 400 V
Efficiency	73 %
Power dissipation in W	64 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, 12 A
Hold-up time	4 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 ² AWG 14...AWG 11 For output connection: screw type terminals, connection capacity: 4 x 4 mm ² AWG 11 For input connection: screw type terminals, connection capacity: 9 x 2.5...9 x 4 mm ² AWG 14...AWG 11
Depth	187.0 mm
Height	77.0 mm
Width	185 mm
Net weight	4.65 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 Height	37.000 cm
Package 1 Width	32.500 cm
Package 1 Length	17.000 cm
Package 1 Weight	6.054 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	81.148 kg

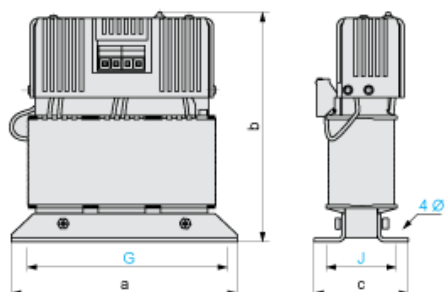
Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	 REACH Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
Environmental Disclosure	 Product Environmental Profile
Circularity Profile	 End Of Life Information
PVC free	Yes

Contractual warranty

Warranty	18 months
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Dimensions



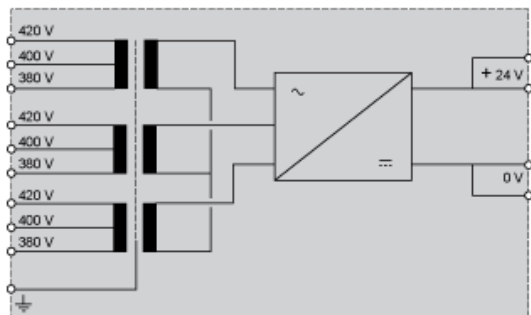
Dimensions in mm

a	b	c	G	J	Ø
185	190	78	165	58	6.5

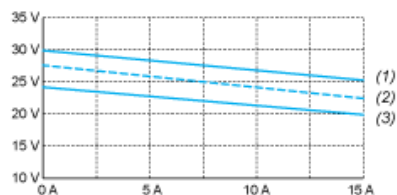
Dimensions in in.

a	b	c	G	J	Ø
7.28	7.48	3.07	6.50	2.28	0.25

Internal Wiring Diagram



Load Limits Curve



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