



Main

Range of product	Phaseo Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	144 W
Input voltage	400 V AC phase to phase, terminal(s): L1-L2 230 V AC single phase, terminal(s): N-L1
Output voltage	24 V DC
Power supply output current	6 A
Operating position	Vertical at 60 °C Horizontal at 40 °C

Complementary

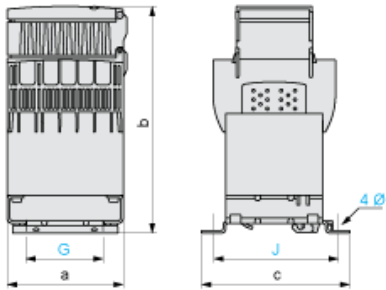
Input voltage limits	207...253 V 360...440 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 15 V
Inrush current	5.78 A at 400 V 10 A at 230 V
Cos phi	0.86 at 400 V 0.781 at 230 V
Efficiency	75 %
Power dissipation in W	36 W
Residual ripple	<= 1200 mV
Holding time	14 ms
Output protection type	Against overload and short-circuits, protection technology: internal fuse, 6.3 A, 5 x 20 mm, T curve Against overvoltage, protection technology: 2 J peak limiter
Connections - terminals	Screw type terminals for output connection, connection capacity: 4 x 2.5...4 x 4 mm ² AWG gauge14...11 Screw type terminals for input ground connection, connection capacity: 1 x 2.5...1 x 4 mm ² AWG gauge14...11 Screw type terminals for input connection, connection capacity: 5 x 2.5...5 x 4 mm ² AWG gauge14...11
Marking	CE
Fixing mode	By 4 screws
Output coupling	Parallel Series
Name of test	Surge conforming to EN/IEC 61000-4-5 Rapid transient conforming to IEC 61000-4-4 Emission conforming to EN 61000-6-3 Emission conforming to EN 50081-1 Electrostatic discharges conforming to EN/IEC 61000-4-2 Conducted/Radiated emissions conforming to EN 55011 class B
Status LED	1 LED orange for input voltage 1 LED green for output voltage
Depth	153 mm
Height	153 mm
Width	123 mm
Product weight	4.94 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the products of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	CULus ENEC
Environmental characteristic	Safety conforming to UL 60950-1 Safety conforming to UL 508 Safety conforming to EN/IEC 61558-2-6 EMC conforming to IEC 62041 EMC conforming to EN/IEC61000-3-2
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
Class of protection against electric shock	Class I conforming to VDE 0106-1
Dielectric strength	500 V between output and ground 4600 V between input and output 2000 V between input and ground

Dimensions



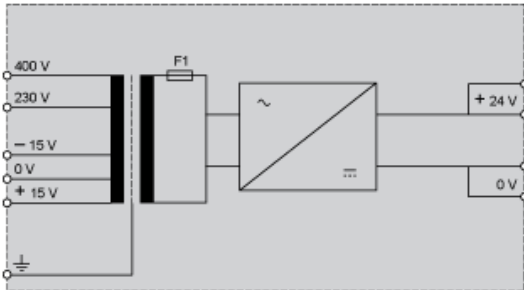
Dimensions in mm

a	b	c	G	J	Ø
123	153	153	82	136	6.5

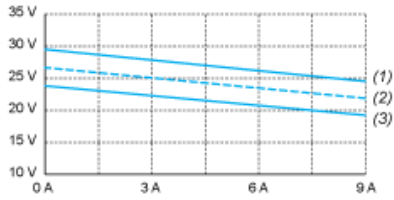
Dimensions in in.

a	b	c	G	J	Ø
4.84	6.02	6.02	3.23	5.35	0.25

Internal Wiring Diagram



Load Limits Curve



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