



Main

Commercial Status	Commercialised
Range of product	Phaseo
Product or component type	Power supply
Power supply type	Regulated switch mode
Input voltage	110...220 V DC 100...240 V AC single phase, terminal(s): N-L1 100...240 V AC phase to phase, terminal(s): L1-L2
Output voltage	24 V DC
Rated power in W	120 W
Input protection type	Integrated fuse (not interchangeable)
Power supply output current	5 A
Output protection type	Against undervoltage, protection technology: tripping if $U < 0.8 \times U_n$ Against short-circuits, protection technology: automatic reset Against overvoltage, protection technology: tripping if $U > 1.5 \times U_n$ Against overload, protection technology: $1.1 \times I_n$

Complementary

Input voltage limits	100...250 V 85...264 V
Network frequency	47...63 Hz
Inrush current	≤ 30 A
Cos phi	0.65
Efficiency	> 85 %
Output voltage limits	100...120 % adjustable
Power dissipation in W	21.2 W
Current consumption	1.9 A at 100 V 1.2 A at 240 V
Line and load regulation	± 3 %
Holding time	≥ 10 ms at 240 V ≥ 10 ms at 100 V
Connections - terminals	Screw type terminals for output ground connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG gauge26...14 Screw type terminals for output connection, connection capacity: 4 x 0.14...4 x 2.5 mm ² AWG gauge26...14 Screw type terminals for input ground connection, connection capacity: 1 x 0.14...1 x 2.5 mm ² AWG gauge26...14 Screw type terminals for input connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG gauge26...14
Marking	CE
Mounting support	35 x 15 mm symmetrical DIN rail 35 x 7.5 mm symmetrical DIN rail 75 x 7.5 mm symmetrical DIN rail
Operating position	Vertical
Output coupling	Parallel Series

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Name of test	Surge conforming to EN/IEC 61000-4-5 Rapid transient conforming to IEC 61000-4-4 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 Primary outage conforming to IEC 61000-4-11 Induced electromagnetic field conforming to EN/IEC 61000-4-6 Emission conforming to EN 50081-1 Electrostatic discharges conforming to EN/IEC 61000-4-2 Conducted/Radiated emissions conforming to EN 55022 Class B Conducted/Radiated emissions conforming to EN 55011
Status LED	1 LED orange for input voltage 1 LED green for output voltage
Depth	120 mm
Height	120 mm
Width	27 mm
Product weight	1 kg

Environment

Product certifications	CCSAus CSA 22-2 No 950-1 C-Tick CULus 508 TUV 60950-1
Environmental characteristic	Safety conforming to SELV Safety conforming to EN/IEC 60950 EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN 50082-2 EMC conforming to EN 50081-1
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for storage	-25...70 °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 outputs 500 V between output and ground 3000 V between input and output 3000 V between input and ground