



Main

Range of product	Phaseo
Product or component type	Power supply
Power supply type	Regulated switch mode
Input voltage	100...240 V AC phase to phase, terminal(s): L1-L2 100...240 V AC single phase, terminal(s): N-L1 120...250 V DC
Output voltage	24 V DC
Rated power in W	15 W
Input protection type	Integrated fuse (not interchangeable)
Power supply output current	0.6 A
Output protection type	Against short-circuits Thermal
Ambient air temperature for operation	-25...55 °C without 55...70 °C with

Complementary

Input voltage limits	85...264 V
Network frequency	47...63 Hz
Inrush current	<= 20 A
Cos phi	> 0.5
Efficiency	> 80 %
Output voltage limits	22.2...28.8 V adjustable
Power dissipation in W	3.8 W
Current consumption	0.25 A at 240 V 0.4 A at 100 V
Line and load regulation	+/- 3 %
Residual ripple	250 mV
Holding time	>= 10 ms at 100 V >= 150 ms at 230 V

Connections - terminals	Screw type terminals for input connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG 26...AWG 14 Screw type terminals for output connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG 26...AWG 14
Marking	CE
Mounting support	35 x 7.5 mm symmetrical DIN rail Panel 2 screws, diameter : 4 mm 35 x 15 mm symmetrical DIN rail
Operating position	Vertical
Operating altitude	2000 m
Output coupling	Parallel Series
Name of test	Harmonic current emission conforming to EN/IEC 61000-3-2 Conducted emissions on the power line conforming to EN 55022 Class B Electrostatic discharges conforming to EN/IEC 61000-4-2 Emission conforming to EN 50081-1 Induced electromagnetic field conforming to EN/IEC 61000-4-6 Primary outage conforming to IEC 61000-4-11 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 Radiated emissions conforming to EN 55022 Class B Rapid transient conforming to IEC 61000-4-4 Surge conforming to EN/IEC 61000-4-5
Status LED	1 LED green for output voltage
Depth	59 mm
Height	100 mm
Width	36 mm
Product weight	0.1 kg

Environment

Product certifications	KC EAC TUV 60950-1 RCM
Standards	UL 508 CSA C22.2 No 60950-1
Environmental characteristic	EMC conforming to EN 55022 Class B EMC conforming to EN 61000-6-3 EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN/IEC 61204-3 Safety conforming to EN/IEC 60950-1 Safety conforming to SELV
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for storage	-40...70 °C
Relative humidity	0...90 % during operation 0...95 % in storage
Overvoltage category	Class II conforming to VDE 0106-1
Dielectric strength	Between input and output

Contractual warranty

Warranty period	18 months
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