



Main

Commercial Status	Commercialised
Range of product	Phaseo
Product or component type	Power supply
Power supply type	Regulated switch mode
Input voltage	200...240 V AC single phase, terminal(s): N-L1 200...240 V AC phase to phase, terminal(s): L1-L2
Output voltage	24 V DC
Rated power in W	60 W
PFC filter	With PFC filter conforming to IEC 61000-3-2
Input protection type	Integrated fuse (not interchangeable)
Power supply output current	2.5 A
Output protection type	Against undervoltage, protection technology: tripping if $U < 19\text{ V}$ Against short-circuits

Complementary

Input voltage limits	170...264 V
Network frequency	47...63 Hz
Inrush current	$\leq 90\text{ A}$ for 1 ms
Cos phi	> 0.5
Efficiency	$> 84\%$
Output voltage limits	22.2...28.8 V adjustable
Power dissipation in W	11.4 W
Current consumption	0.7 A at 240 V
Line and load regulation	$\pm 3\%$
Residual ripple	200 mV
Holding time	$\geq 150\text{ ms}$ at 230 V
Connections - terminals	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 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 Panel 2 screws, diameter : 4 mm
Operating position	Vertical
Output coupling	Parallel Series
Name of test	Harmonic current emission conforming to EN/IEC 61000-3-2 Surge conforming to EN/IEC 61000-4-5 Rapid transient conforming to IEC 61000-4-4 Radiated emissions conforming to EN 55022 Class B 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 emissions on the power line conforming to EN 55022 Class B
Status LED	1 LED green for output voltage
Depth	59 mm
Height	100 mm

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Width	60 mm
Product weight	0.255 kg

Environment

Product certifications	C-Tick CULus 508 TUV 60950-1
Environmental characteristic	Safety conforming to SELV Safety conforming to EN/IEC 60950-1 EMC conforming to EN/IEC 61204-3 EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN 61000-6-3 EMC conforming to EN 55022 Class B
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for storage	-40...70 °C
Relative humidity	0...95 % in storage 0...90 % during operation
Class of protection against electric shock	Class II conforming to VDE 0106-1
Dielectric strength	3000 V between input and output