



### Main

Range of product	Phaseo Rectified
Product or component type	Power supply
Power supply type	Rectified and filtered
Rated power in W	480 W
Input voltage	400 V AC three phase, terminal(s): L1, L2, L3
Output voltage	24 V DC
Power supply output current	20 A
Operating position	Horizontal at 40 °C Vertical at 55 °C

### Complementary

Input voltage limits	360...440 V
Network frequency limits	47...63 Hz
Input voltage tolerance	+/- 20 V
Inrush current	14 A at 400 V
Cos phi	0.81 at 400 V
Efficiency	78 %
Power dissipation in W	105 W
Holding time	6 ms
Output protection type	Against overload and short-circuits, protection technology: external fuse, 25 A Against overvoltage, protection technology: 2 J peak limiter
Connections - terminals	Screw type terminals for input ground connection, connection capacity: 1 x 2.5...1 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for input connection, connection capacity: 9 x 2.5...9 x 4 mm <sup>2</sup> AWG 14...AWG 11 Screw type terminals for output connection, connection capacity: 4 x 10...4 x 16 mm <sup>2</sup> AWG 8...AWG 6
Marking	CE
Fixing mode	By 4 screws
Output coupling	Parallel Series
Operating altitude	3000 m
Name of test	Conducted/radiated emissions conforming to EN 55011 class B Electrostatic discharges conforming to EN/IEC 61000-4-2

Disclaimer: 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

Emission conforming to EN 50081-1  
Emission conforming to EN 61000-6-3  
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	104 mm
Height	215 mm
Width	220 mm
Product weight	9.9 kg

## Environment

Product certifications	cULus UL 508 EAC KC
Environmental characteristic	EMC conforming to EN/IEC 61000-3-2 EMC conforming to IEC 62041 Safety conforming to EN/IEC 61558-2-6 Safety conforming to UL 508 Safety conforming to UL 60950-1
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
Electrical shock protection 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

## Contractual warranty

Warranty period	18 months
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