



Main

Range of product	Phaseo AS-Interface
Product or component type	Power supply
Power supply type	Regulated switch mode
Output voltage	30 V DC AS-Interface line
Rated power in W	72 W
Input voltage	100...240 V AC phase to phase, terminal(s): L1-L2 100...240 V AC single phase, terminal(s): N-L1
Power supply output current	2.4 A
Detection type	Earth fault
Operating position	Vertical

Complementary

Input voltage limits	85...264 V
Network frequency limits	47...63 Hz
Input voltage tolerance	- 15...10 %
Inrush current	< 30 A
Cos phi	0.65
Efficiency	> 83 %at 30 V
Power dissipation in W	14.7 Wat 30 V
Current consumption	0.5 A
Input protection type	Integrated fuse (not interchangeable)
Line and load regulation	3 %
Residual ripple	300 mV
Holding time	>= 10 ms
Output protection type	, protection technology: 1.1 x In , protection technology: tripping if U > 1.2 x Un , protection technology: automatic reset , protection technology: tripping if U < 0.95 x Un
Connections - terminals	Screw type terminalsfor AS-Interface line, connection capacity: 4 x 2.5 mm ² , number of terminals = 4, cable cross section = 0 in ² (2.5 mm ²) AWG 14 Screw type terminalsfor input connection, connection capacity: 2 x 2.5 mm ² , number of terminals = 2, cable cross section = 0 in ² (2.5 mm ²) AWG 14 Screw type terminalsfor input ground connection, connection capacity: 1 x 2.5 mm ² , number of terminals = 1, cable cross section = 0 in ² (2.5 mm ²) AWG 14 Screw type terminalsfor output ground connection, connection capacity: 2 x 2.5 mm ² , number of terminals = 2, cable cross section = 0 in ² (2.5 mm ²) AWG 14
Mounting support	35 mm symmetrical DIN rail 75 mm symmetrical DIN rail
Operating altitude	6561.68 ft (2000 m)
Name of test	Conducted/radiated emissions conforming to EN 55022 Class B Electrostatic discharges conforming to EN/IEC 61000-4-2 Emission conforming to EN 61000-6-3 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 Rapid transient conforming to IEC 61000-4-4 level 3 Vibration conforming to EN/IEC 61131-2
Meantime between failure [MTBF]	> 100000 hat 104 °F (40 °C)
Status LED	1 LED green output voltage 1 LED orange input voltage
Product weight	1.76 lb(US) (0.8 kg)

Environment

product certifications	CSA 22-2 No 950
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TUV 60950-1
UL 508

environmental characteristic	EMC conforming to EN 50081-1 EMC conforming to EN 55022 Class B EMC conforming to EN/IEC 61000-6-2 Safety conforming to EN 60950-1
IP degree of protection	IP20 conforming to EN/IEC 60529
ambient air temperature for operation	122...140 °F (50...60 °C) with derating factor 32...122 °F (0...50 °C) without derating factor
ambient air temperature for storage	-13...158 °F (-25...70 °C)
relative humidity	0...95 % without condensation or dripping water
dielectric strength	3000 V between input and ground 3000 V between input and output 500 V between output and ground 500 V between outputs

Contractual warranty

Warranty period	18 months
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