



Main

Range of product	Phaseo AS-Interface
Product or component type	Power supply
Power supply type	Regulated switch mode
Output voltage	30 V DC for AS-Interface line
Rated power in W	72 W at 30 V
Input voltage	100...240 V AC single phase, terminal(s): N-L1 100...240 V AC phase to phase, terminal(s): L1-L2
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 W at 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	Against undervoltage, protection technology: tripping if $U < 0.95 \times U_n$ Against short-circuits, protection technology: automatic reset Against overvoltage, protection technology: tripping if $U > 1.2 \times U_n$ Against overload, protection technology: $1.1 \times I_n$
Connections - terminals	Screw type terminals for output ground connection, connection capacity: $2 \times 2.5 \text{ mm}^2$, number of terminals = 2, cable cross section = 2.5 mm^2 AWG gauge14 Screw type terminals for input ground connection, connection capacity: $1 \times 2.5 \text{ mm}^2$, number of terminals = 1, cable cross section = 2.5 mm^2 AWG gauge14 Screw type terminals for input connection, connection capacity: $2 \times 2.5 \text{ mm}^2$, number of terminals = 2, cable cross section = 2.5 mm^2 AWG gauge14 Screw type terminals for AS-Interface line, connection capacity: $4 \times 2.5 \text{ mm}^2$, number of terminals = 4, cable cross section = 2.5 mm^2 AWG gauge14
Mounting support	35 mm symmetrical DIN rail 75 mm symmetrical DIN rail
Name of test	Vibration conforming to EN/IEC 61131-2 Rapid transient conforming to IEC 61000-4-4 level 3 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 61000-6-3 Electrostatic discharges conforming to EN/IEC 61000-4-2 Conducted/Radiated emissions conforming to EN 55022 Class B
Meantime between failure (MTBF)	> 100000 h at 40 °C
Status LED	1 LED orange for input voltage 1 LED green for output voltage
Product weight	0.8 kg

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

Product certifications	CSA 22-2 No 950 TUV 60950-1 UL 508
Environmental characteristic	Safety conforming to EN 60950-1 EMC conforming to EN/IEC 61000-6-2 EMC conforming to EN 55022 Class B EMC conforming to EN 50081-1
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	50...60 °C with derating factor 0...50 °C without derating factor
Ambient air temperature for storage	-25...70 °C
Relative humidity	0...95 % without condensation or dripping water
Dielectric strength	500 V between outputs 500 V between output and ground 3000 V between input and output 3000 V between input and ground