

Product availability: Stock - Normally stocked in distribution facility



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 110...220 V DC
Output voltage	12 V DC
Rated power in W	60 W
Input protection type	Integrated fuse (not interchangeable)
Power supply output current	5 A
Output protection type	Against overload, protection technology: 1.1 x In Against overvoltage, protection technology: tripping if $U > 1.5 \times U_n$ Against short-circuits, protection technology: manual or automatic reset Against undervoltage, protection technology: tripping if $U < 0.8 \times U_n$
Ambient air temperature for operation	32...122 °F (0...50 °C) without 122...140 °F (50...60 °C) with

Complementary

Input voltage limits	100...250 V 85...264 V
Network frequency	47...63 Hz
Inrush current	30 A
Cos phi	0.98
Efficiency	85 %
Output voltage limits	100...120 % adjustable
Power dissipation in W	10.6 W
Current consumption	0.4 A at 240 V 0.8 A at 100 V
Line and load regulation	+/- 3 %
Holding time	>= 20 ms at 100 V >= 20 ms at 240 V
Connections - terminals	Screw type terminals input connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG 26...AWG 14 Screw type terminals input ground connection, connection capacity: 1 x 0.14...1 x 2.5 mm ² AWG 26...AWG 14 Screw type terminals output connection, connection capacity: 2 x 0.14...2 x 2.5 mm ² AWG 26...AWG 14 Screw type terminals output ground connection, connection capacity: 1 x 0.14...1 x 2.5 mm ² AWG 26...AWG 14
Marking	CE
Mounting support	35 x 15 mm symmetrical DIN rail 35 x 7.5 mm symmetrical DIN rail 75 x 7.5 mm symmetrical DIN rail
Operating position	Vertical
Operating altitude	6561.68 ft (2000 m)
Output coupling	Parallel Series

Name of test	Conducted/Radiated emissions conforming to EN 55011 Conducted/Radiated emissions 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 Rapid transient conforming to IEC 61000-4-4 Surge conforming to EN/IEC 61000-4-5
Status LED	1 LED green output voltage 1 LED orange input voltage
Depth	4.72 in (120 mm)
Height	4.72 in (120 mm)
Width	2.13 in (54 mm)
Product weight	2.2 lb(US) (1 kg)

Environment

Product certifications	CSA 22-2 No 950 CULus 508 TÜV EAC KC
Standards	UL 508 CSA C22.2 No 60950-1
Environmental characteristic	EMC conforming to EN 50081-1 EMC conforming to EN 50082-2 EMC conforming to EN/IEC 61000-6-2 Safety conforming to EN/IEC 60950 Safety conforming to IEC 61496-1-2 Safety conforming to SELV
IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for storage	-13...158 °F (-25...70 °C)
Relative humidity	0...95 % without condensation or dripping water
Overvoltage category	Class I conforming to VDE 0106-1
Dielectric strength	Between input and ground Between output and ground Between input and output Between outputs

Ordering and shipping details

Category	22525 - ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	00785901425267
Nbr. of units in pkg.	1
Package weight(Lbs)	2.3700000000000001
Returnability	Y
Country of origin	CN

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

Warranty period	18 months
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