

ABL8DCC05060

converter module 30 W - 24...28.8 V DC, 5 V DC -
6 A - for regulated SMPS

Product availability : Stock - Normally stocked in distribution facility

Price* : 225.00 USD



Main

Range of product	Phaseo Universal
Product or component type	Converter module
Rated power in W	30 W
Input voltage	24...28.8 V DC
Output voltage	5 V DC
Power supply output current	6 A

Complementary

Input voltage limits	22...30 V
Efficiency	80...100 %
Power dissipation in W	7 W
Input protection type	Against reverse polarity
Output voltage limits	5...6.5 V
Line and load regulation	1...3 %
Residual ripple	<= 100 mV
Output protection type	Against overload, protection technology: automatic reset Against overvoltage, protection technology: tripping if U > 7.8 V, automatic reset Against short-circuits, protection technology: automatic reset
Connections - terminals	Screw type terminals input connection, connection capacity: 2 x 0.5...2 x 4 mm ² AWG 24...AWG 10 Screw type terminals output connection, connection capacity: 2 x 0.5...2 x 4 mm ² AWG 24...AWG 10
Fixing mode	By clips on 35 mm symmetrical DIN rail, operating position: horizontal with derating to 40 % By clips on 35 mm symmetrical DIN rail, operating position: vertical
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 level 3 Radiated electromagnetic field conforming to EN/IEC 61000-4-3 level 3 Rapid transient conforming to IEC 61000-4-4 level 3

Surge conforming to EN/IEC 61000-4-5 level 2

Local signalling	1 LED green, function: output voltage (> 4 V)
Product weight	0.66 lb(US) (0.3 kg)

Environment

IP degree of protection	IP20 conforming to EN/IEC 60529
Ambient air temperature for operation	-13...140 °F (-25...60 °C)
Ambient air temperature for storage	-40...185 °F (-40...85 °C)
Relative humidity	0...90 % during operation 0...95 % during storage
Overvoltage category	Class 3
Vibration resistance	(F = 11.9...150 Hz) conforming to EN/IEC 61131-2 (F = 3...11.9 Hz) conforming to EN/IEC 61131-2
Dielectric strength	500 V between input and ground 500 V between input and output 500 V between output and ground
Product certifications	RCM UL CCSAus EAC
Environmental characteristic	EMC conforming to EN 50081-1 EMC conforming to EN 61000-6-3 EMC conforming to EN/IEC 61000-6-2 Safety conforming to EN/IEC 60950-1 Safety conforming to IEC 61204

Ordering and shipping details

Category	22525 - ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	00785901707905
Nbr. of units in pkg.	1
Package weight(Lbs)	1.25
Returnability	N
Country of origin	PH

Offer Sustainability

Sustainable offer status	Not Green Premium product
RoHS (date code: YYWW)	Compliant - since 0501 - Schneider Electric declaration of conformity  Schneider Electric declaration of conformity
REACH	Reference contains SVHC above the threshold - Go to CaP for more details  Go to CaP for more details
Product end of life instructions	Available

Contractual warranty

Warranty period	18 months
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