

ABL8DCC12020

modul pretvarača 24 W – 24..28,8 V DC, 12 V DC –
2 A – za regulirani SMPS



Glavno

Range of product	Phaseo Universal
Product or component type	Converter module
Rated power in W	24 W
Input voltage	24...28.8 V DC
Output voltage	12 V DC
Power supply output current	2 A

Komplementarno

Input voltage limits	22...30 V
Efficiency	82 %
Power dissipation in W	4 W
Input protection type	Against reverse polarity
Output voltage limits	7...15 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 for input connection, connection capacity: 2 x 0.5...2 x 4 mm ² AWG 24...AWG 10 Screw type terminals for 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 By clips on 35 mm symmetrical DIN rail, operating position: vertical
Operating altitude	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 (> 6 V)
Product weight	0.3 kg

Okolina

IP degree of protection	IP20 conforming to EN/IEC 60529
ambient air temperature for operation	-25...60 °C
ambient air temperature for storage	-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	CCSAus

Informacije dane u ovoj dokumentaciji sadrže opće opise i/ili tehničke karakteristike o performansama ovdje sadržanih proizvoda. Ova dokumentacija nije namijenjena kao zamjena za niti bi se trebala koristiti za određivanje prikladnosti ili pouzdanosti predmetnih proizvoda za konkretne korisničke primjene. Svaki takav korisnik ili integrator dužan je provesti odgovarajuću i poplunu analizu rizika, procjenu i ispitivanje proizvoda u odnosu na odgovarajuću specifičnu primjenu ili uporabu istog. Niti društvo Schneider Electric, Industries SAS niti bilo koje od njegovih povezanih podružnica neće preuzeti obvezu ili snositi odgovornost za pogrešnu upotrebu ovdje sadržanih informacija.

UL
RCM
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

Offer Sustainability

Not Green Premium product

Not Green Premium product

Compliant - since 0501 - Schneider Electric declaration of conformity

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Reference not containing SVHC above the threshold

Reference not containing SVHC above the threshold

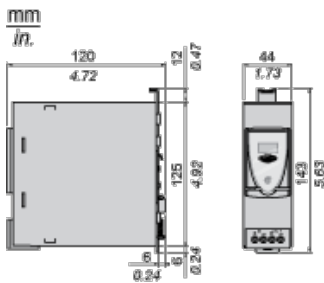
Contractual warranty

Warranty period

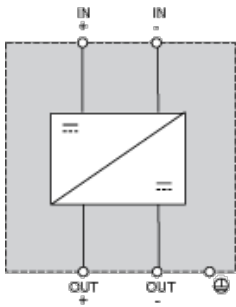
18 months

Converter Module

Dimensions



Internal Wiring Diagram



Scheme of Use with ABL4 Power Supplies

