Product datasheet

Specifications





converter module 24 W - 24..28.8 V DC, 12 V DC - 2 A - for regulated SMPS

Local distributor code: 389706517 ABL8DCC12020

EAN Code: 3389119406895

Main

Range Of Product	Phaseo Universal
Product Or Component Type	Converter module
Rated Power In W	24 W
Input Voltage	2428.8 V DC
Output Voltage	12 V DC
Power Supply Output Current	2 A

Complementary

Input Voltage Limits	2230 V
Efficiency	82 %
Power Dissipation In W	4 W
Input Protection Type	Against reverse polarity
Output Voltage Limits	715 V
Line And Load Regulation	13 %
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	For input connection: screw type terminals, connection capacity: 2 x 0.52 x 4 mm² AWG 24AWG 10 For output connection: screw type terminals, connection capacity: 2 x 0.52 x 4 mm² AWG 24AWG 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	Induced electromagnetic field conforming to IEC 61000-4-6 level 3 Radiated electromagnetic field conforming to IEC 61000-4-3 level 3 Rapid transient conforming to IEC 61000-4-4 level 3 Surge conforming to IEC 61000-4-5 level 2 Conducted/radiated emissions conforming to EN 55022 class B Electrostatic discharges conforming to IEC 61000-4-2 Emission conforming to IEC 61000-6-3
Local Signalling	1 LED (green) for output voltage (> 6 V)
Net Weight	0.3 kg

Environment

Ip Degree Of Protection IP20 conforming to IEC 60529

Ambient Air Temperature For Operation	-2560 °C	
Ambient Air Temperature For Storage	-4085 °C	
Relative Humidity	090 % during operation 095 % during storage	
Overvoltage Category	Class 3	
Vibration Resistance	2 gn (f= 11.9150 Hz) conforming to IEC 61131-2 3.5 mm (f= 311.9 Hz) conforming to 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 EAC cCSAus UL	
Environmental Characteristic	EMC conforming to EN 50081-1 EMC conforming to IEC 61000-6-3 EMC conforming to IEC 61000-6-2 Safety conforming to IEC 60950-1 Safety conforming to IEC 61204	

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	6.5 cm
Package 1 Width	14.5 cm
Package 1 Length	16.5 cm
Package 1 Weight	601.0 g
Unit Type Of Package 2	S03
Number Of Units In Package 2	11
Package 2 Height	30 cm
Package 2 Width	30 cm
Package 2 Length	40 cm
Package 2 Weight	7.071 kg
Unit Type Of Package 3	P06
Number Of Units In Package 3	88
Package 3 Height	75.0 cm
Package 3 Width	40.0 cm
Package 3 Length	80.0 cm
Package 3 Weight	77.888 kg

Contractual warranty

Warranty 18 months



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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >





Transparency RoHS/REACh

Well-being performance

	Mercury Free	
②	Rohs Exemption Information	Yes
⊘	Pvc Free	

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Pro-active compliance (Product out of EU RoHS legal scope)
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

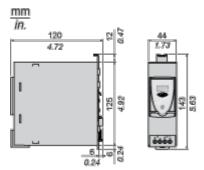
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Dimensions Drawings

Converter Module

Dimensions

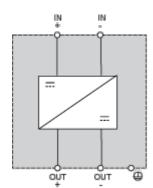


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Connections and Schema

Internal Wiring Diagram



Scheme of Use with ABL4 Power Supplies

