Product datasheet

Specifications





converter module, modicon, 30W, 24 to 28.8V DC, 5V DC, 6A, for regulated SMPS

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Main

Range Of Product	Phaseo Universal	
Product Or Component Type	Converter module	
Rated Power In W	30 W	
Input Voltage	2428.8 V DC	
Output Voltage	5 V DC	
Power Supply Output Current	6 A	

Complementary

Input Voltage Limits	Limits 2230 V	
Efficiency	80 %	
Power Dissipation In W	7 W	
Input Protection Type	Against reverse polarity	
Output Voltage Limits	56.5 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 with derating to 40 % 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 (> 4 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	egory 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	EAC cCSAus RCM 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	610.0 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	7.225 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	78.68 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	
⊘	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

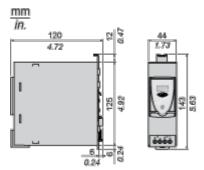
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Dimensions Drawings

Converter Module

Dimensions

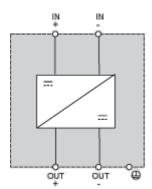


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Connections and Schema

Internal Wiring Diagram



Scheme of Use with ABL4 Power Supplies

