



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 %
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	CCSAus 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

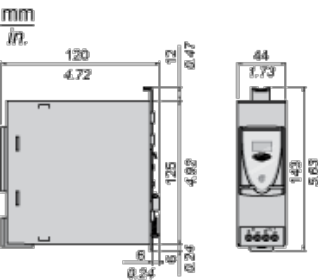
Not Green Premium product	Not Green Premium product
Compliant - since 0501 - Schneider Electric declaration of conformity	Compliant - since 0501 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
For more information go to www.p65warnings.ca.gov	For more information go to www.p65warnings.ca.gov

Contractual warranty

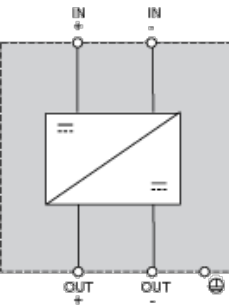
Warranty period	18 months
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Converter Module

Dimensions



Internal Wiring Diagram



Scheme of Use with ABL4 Power Supplies

