



## Main

Range of Product	Phaseo Universal
Product or Component Type	Converter module
Kw Rating	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 automatic reset Against overvoltage tripping if U > 7.8 V, automatic reset Against short-circuits automatic reset
Connections - terminals	Input connection screw type terminals 2 x 0.5...2 x 4 mm <sup>2</sup> AWG 24...AWG 10 Output connection screw type terminals 2 x 0.5...2 x 4 mm <sup>2</sup> AWG 24...AWG 10
Fixing mode	By clips 35 mm symmetrical DIN rail horizontal with derating to 40 % By clips 35 mm symmetrical DIN rail vertical
Operating altitude	6561.68 ft (2000 m)
Name of test	Induced electromagnetic field IEC 61000-4-6 level 3 Radiated electromagnetic field IEC 61000-4-3 level 3 Rapid transient IEC 61000-4-4 level 3 Surge IEC 61000-4-5 level 2 Conducted/Radiated emissions EN 55022 Class B Electrostatic discharges IEC 61000-4-2 Emission IEC 61000-6-3
Local signalling	For output voltage (> 4 V) 1 LED (green)
Net Weight	0.66 lb(US) (0.3 kg)

## Environment

IP degree of protection	IP20 conforming to 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	2 gn 11.9...150 Hz)IEC 61131-2 3.5 mm 3...11.9 Hz)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[RETURN]cCSAus[RETURN]RCM[RETURN]JUL
Environmental characteristic	EMC EN 50081-1 EMC IEC 61000-6-3 EMC IEC 61000-6-2 Safety IEC 60950-1 Safety IEC 61204

## Ordering and shipping details

Category	22525-ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	3389119406888
Returnability	No
Country of origin	PH

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	2.56 in (6.5 cm)
Package 1 Width	5.71 in (14.5 cm)
Package 1 Length	6.50 in (16.5 cm)
Package 1 Weight	21.52 oz (610.0 g)
Unit Type of Package 2	S03
Number of Units in Package 2	11
Package 2 Height	11.81 in (30 cm)
Package 2 Width	11.81 in (30 cm)
Package 2 Length	15.75 in (40 cm)
Package 2 Weight	15.93 lb(US) (7.225 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	88
Package 3 Height	29.53 in (75.0 cm)
Package 3 Width	15.75 in (40.0 cm)
Package 3 Length	31.50 in (80.0 cm)
Package 3 Weight	173.46 lb(US) (78.68 kg)

## Offer Sustainability

Sustainable offer status	Green Premium product
California proposition 65	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. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>
Circularity Profile	<a href="#">End Of Life Information</a>
PVC free	Yes

## Contractual warranty

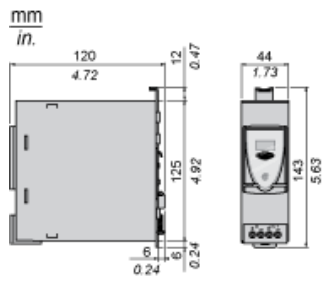
Warranty	18 months
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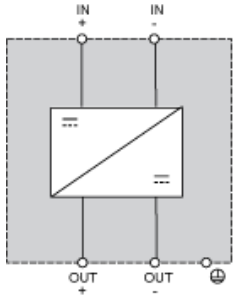
Converter Module

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Dimensions



## Internal Wiring Diagram



## Scheme of Use with ABL4 Power Supplies

