

Product availability: Non-Stock - Not normally stocked in distribution facility



Main

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

Complementary

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 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 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 (> 6 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	RCM CCSAus EAC UL
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

Ordering and shipping details

Category	22525 - ABL8 AND ABL7 POWER SUPPLIE
Discount Schedule	CP12
GTIN	00785901477181
Nbr. of units in pkg.	1
Package weight(Lbs)	1.22
Returnability	N
Country of origin	PH

Offer Sustainability

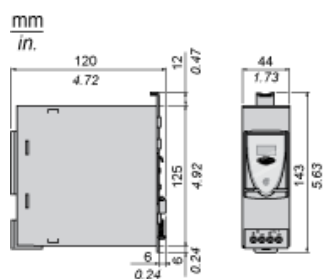
RoHS (date code: YYWW)	Compliant - since 0501 - Schneider Electric declaration of conformity Schneider Electric declaration of conformity
REACH	Reference not containing SVHC above the threshold
California proposition 65	WARNING: This product can expose you to chemicals including:
----- Substance 1	Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.
----- More information	For more information go to www.p65warnings.ca.gov

Contractual warranty

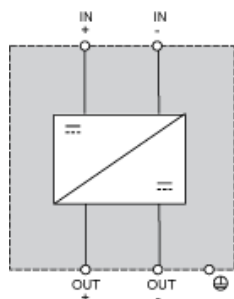
Warranty period	18 months
-----------------	-----------

Converter Module

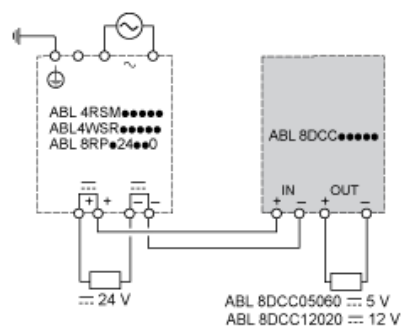
Dimensions



Internal Wiring Diagram



Scheme of Use with ABL4 Power Supplies



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Schneider Electric:](#)

[ABL8DCC12020](#)