Specifications

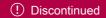




regulated SMPS, single phase, 100..240 V input, 12 V output, 60 W

ABL1REM12050

! Discontinued on: Dec 1, 2020



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

Main

Range Of Product	Phaseo Dedicated
Product Or Component Type	Power supply
Power Supply Type	Regulated switch mode
Kw Rating	60 W
Main Input Voltage	100240 V AC single phase 120370 V DC
Output Voltage	12 V DC
Power Supply Output Current	5 A
Operating Position	Any position
Vibration Resistance	2 gn 9150 Hz)EN/IEC 61131-2 3.5 mm 59 Hz)EN/IEC 61131-2
Name Of Test	Conducted interference EN 61000-4-8 level 4 Electrostatic discharges EN/IEC 61000-4-2 level 3 Induced electromagnetic field EN/IEC 61000-4-6 level 3 Radiated electromagnetic field EN/IEC 61000-4-3 level 3 Rapid transient IEC 61000-4-4 level 3 Conducted/radiated emissions EN 55022 Class B Conducted/radiated emissions EN/IEC 55011 Emission EN/IEC 61000-6-3 Primary outage IEC 61000-4-11 Surge EN/IEC 61000-4-5

Complementary

Input Voltage Limits	85264 V
Network Frequency	4763 Hz
Inrush Current	50 A 115 V AC 100 A 230 V AC
Cos Phi	0.65
Efficiency	80 %
Power Dissipation In W	15 W
Current Consumption	1 A 240 V 2 A 100 V
Input Protection Type	Integrated fuse (not interchangeable)
Output Voltage Limits	10.813.2 V
Line And Load Regulation	+/- 3 %

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Holding Time	>= 10 ms 100 V >= 40 ms 240 V
Output Protection Type	Against overload 1.11.5 x In Against overvoltage tripping if U > 1.25 x Un Against short-circuits automatic reset Thermal
Connections - Terminals	Ground connection screw type terminals 1 x 4 mm² AWG 12 Input connection screw type terminals 2 x 4 mm² AWG 12 Output connection screw type terminals 2 x 4 mm² AWG 12
Marking	CE
Mounting Support	Panel Reversible mounting bracket
Operating Altitude	6561.68 ft (2000 m)
Output Coupling	Series Parallel
Overvoltage Category	II .
Meantime Between Failure [Mtbf]	100000 h 104 °F (40 °C)
Status Led	1 LED (Green) output voltage
Net Weight	0.97 lb(US) (0.44 kg)

Environment

Product Certifications	KC RCM CSA 22-2 No 60950-1 EAC TUV 60950-1 cCSAus UL 508
Environmental Characteristic	EMC EN 50081-1 EMC EN 50082-2 EMC EN 61000-6-3 EMC EN/IEC 61000-6-2 Safety EN/IEC 60950-1 Safety SELV
Ip Degree Of Protection	IP20 conforming to EN/IEC 60950
Ambient Air Temperature For Operation	32113 °F (045 °C) without derating) 113140 °F (4560 °C) with derating factor)
Ambient Air Temperature For Storage	-13185 °F (-2585 °C)
Relative Humidity	2090 %
Overvoltage Category	Class I VDE 0106-1
Pollution Degree	2
Dielectric Strength	1500 V between input and ground 3000 V between input and output 500 V between output and ground

Ordering and shipping details

Category	US1CP1222524
Discount Schedule	CP12
Gtin	3389110637991
Returnability	No
Country Of Origin	US

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1

Contractual warranty

Warranty 18 months

Sustainability Green Premium

Green PremiumTM label is Schneider Electric's commitment to delivering products with best-inclass environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

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

Ø	Mercury Free	
	Rohs Exemption Information	Yes
	Pvc Free	

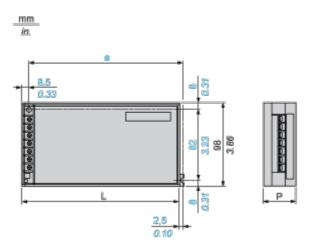
Certifications & Standards

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
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 www.P65Warnings.ca.gov

ABL1REM12050

Dimensions Drawings

Dimensions



nsions	

а	L	Р
144	150	38

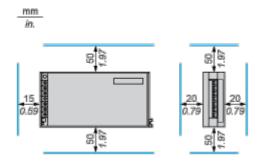
Dimensions in in.

а	L	Р
5.67	5.91	1.50

ABL1REM12050

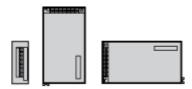
Mounting and Clearance

Clearance



Mounting Way

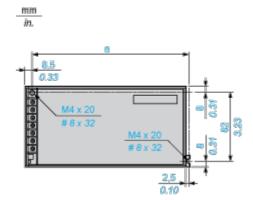
Mounting on Vertical Plane



Mounting on Horizontal Plane



Direct Mounting by 2 M4 x 20 Screws



Dimensions in mm

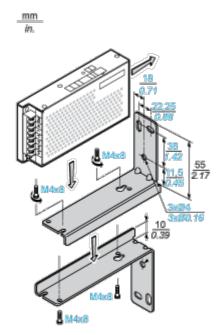
а
144

Dimensions in in

а	
5.67	

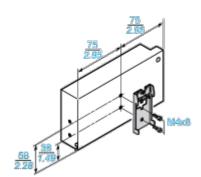
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Mounting on the Back on ABL 1A01 Reversible Bracket by Three 4 mm Diameter Screws



Mounting on ABL 1A02 Clip-on Mounting on 35 mm Rail





ABL1REM12050

Mounting by the Back



Dimensions in mm

b	С
38	58

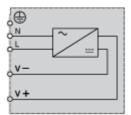
Dimensions in in.

b	С
1.50	2.28

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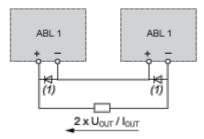
Connections and Schema

Internal Wiring Diagram

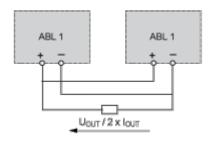


Series or Parallel Connection

Series Connection



Parallel Connection



(1) 8 A/100 V Shottky diode

13

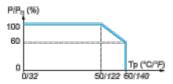
Jun 7, 2024

ABL1REM12050

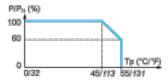
Performance Curves

Derating Curves

Mounting on Vertical Plane



Mounting on Horizontal Plane



Load Limits Curve

