

Product datasheet

Specifications



battery - 24 V DC - 40 A - 7 AH - for battery control module

Local distributor code:
391230482 ABL8BPK24A07

EAN Code: 3389118312210

Main

Range Of Product	Phaseo
Product Or Component Type	Battery module
Battery Capacity	7 Ah

Complementary

Input Voltage Limits	21...29 V
Charging Time	72 h
Load Current	0.7 A
Self-Discharge Rate	9 %, 3 months 3 %, 1 month 15 %, 6 months
Output Coupling	Parallel
Operating Altitude	2000 m
Marking	CE
Net Weight	6.5 kg

Environment

Product Certifications	CTP UL
Ambient Air Temperature For Operation	0...40 °C
Ambient Air Temperature For Storage	-20...50 °C

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.500 cm
Package 1 Width	20.000 cm
Package 1 Length	26.500 cm
Package 1 Weight	6.173 kg
Unit Type Of Package 2	S06
Number Of Units In Package 2	12
Package 2 Height	75.000 cm
Package 2 Width	60.000 cm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Package 2 Length	80.000 cm
Package 2 Weight	87.308 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class 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

Well-being performance

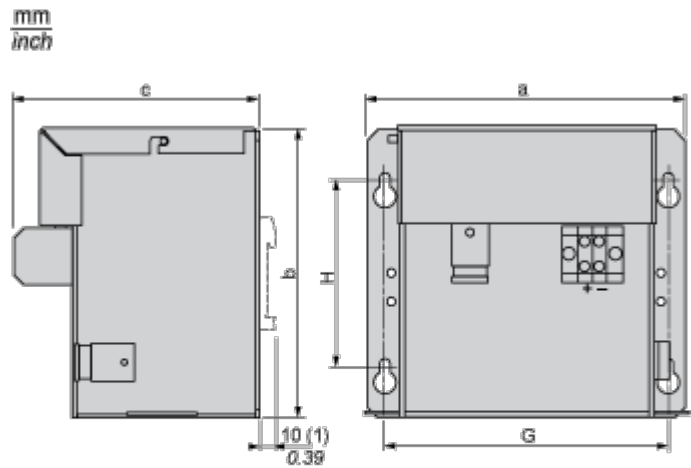
 Pvc Free

Reach Regulation	REACH Declaration
Eu Rohs Directive	Not applicable, out of EU RoHS legal scope
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information

Dimensions Drawings

24 Vdc Battery Module

Dimensions



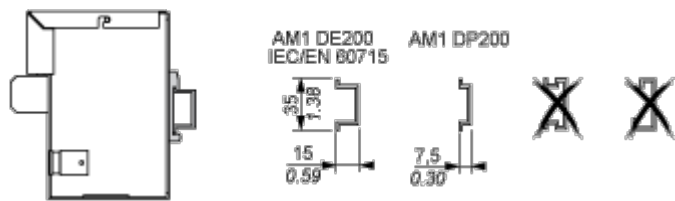
ABL	a	b	c	G	H
8BPK24A03	184/7.24	138,5/5.45	131	156/6.14	83/3.27
8BPK24A07	170/6.69	155,5/6.12	131	152/5.98	100/3.94
8BPK24A12	238/9.29	155,5/6.12	131	218/3.94	100/3.94

(1) ABL8BPK24A03 (with kit ABL1A02)

Mounting and Clearance

24 Vdc Battery Module




Mounting



Connections and Schema

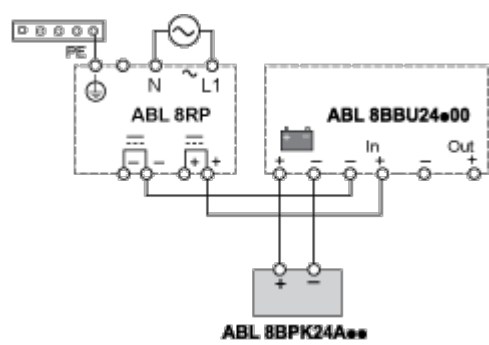
Wiring Requirements

Cable Types and Wire Sizes

 <div><div>18</div><div>$\varnothing \leq 4 \text{ mm}^2$ $\varnothing \leq 12 \text{ AWG}$</div></div> <div><div>18</div><div>$\varnothing > 4 \text{ mm}^2$ $\varnothing > 12 \text{ AWG}$</div></div>	<div>ABL 8BBU24200</div> <div>6 / 10</div>	<div>ABL 8BBU24400</div> <div>10 / 15</div>
<div>ABL 8BPK24A07 - mm²/AWG</div>		
		<div>Nm 1,2 Nm max</div> <div>lb-in 15</div>

24 Vdc Battery Module Wiring

Wiring Diagram



Paralleling 2 x ABL8BPK24A0•

Wiring Diagram

