

Product data sheet

Characteristics

ABL8BPK24A07

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



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[RETURN]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
Package 2 Length	80.000 cm
Package 2 Weight	87.308 kg

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Not applicable, out of EU RoHS legal scope
China RoHS Regulation	China RoHS Declaration
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
PVC free	Yes

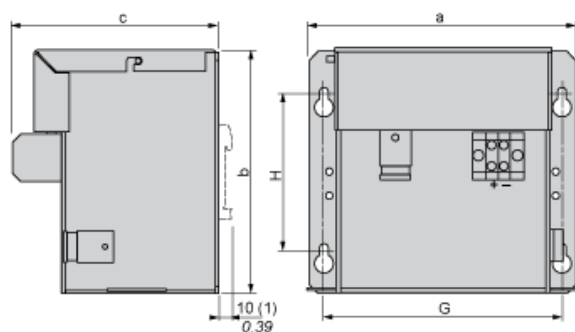
Contractual warranty

Warranty	18 months
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24 Vdc Battery Module

Dimensions

mm
inch

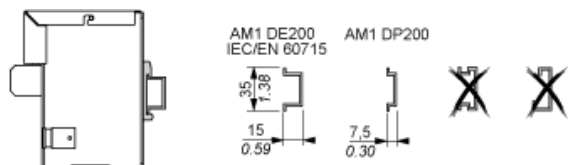


ABL	a	b	c	G	H
8BPK24A03	184/7.24	138,5/5.45	131	156/6.14	83/3.27
8BPK24A07	170/6.69	155,5/6.12	131	152/5.98	100/3.94
8BPK24A12	236/9.29	155,5/6.12	131	218/3.94	100/3.94

(1) ABL8BPK24A03 (with kit ABL1A02)

24 Vdc Battery Module

Mounting



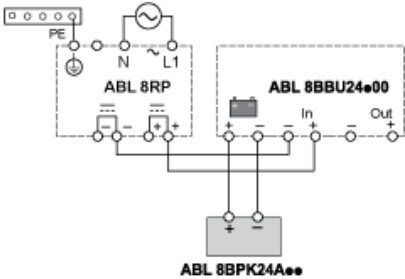
Wiring Requirements

Cable Types and Wire Sizes

	ABL 8BPK24A00	ABL 8BBU24200	ABL 8BBU24400
ABL 8BPK24A00 +/- mm ² /AWG	6 / 10	10 / 16	
		Nm 1,7 Nm max	lb-in 15

24 Vdc Battery Module Wiring

Wiring Diagram



Paralleling 2 x ABL8PK24A00

Wiring Diagram

