

CP A BATTERY 24V DC17AH

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The Weidmüller battery modules consist of high-quality Panasonic batteries. These are sealed, maintenance-free lead-fleece batteries. The battery modules are fitted with a temperature sensor to provide optimum battery charging and battery life. This facilitates temperature-compensated charging of the batteries.

The neat design as well as the plug-in connections for the battery connection and the temperature sensor allow the batteries to be fitted safely and quickly.

General ordering data

Version	Battery
Order No.	1251110000
Type	CP A BATTERY 24V DC17AH
GTIN (EAN)	4050118043136
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2021-07-31
Alternative product	2789930000

Creation date December 14, 2021 11:06:06 PM CET

Catalogue status 30.11.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	160 mm	Depth (inches)	6.299 inch
Height	178 mm	Height (inches)	7.008 inch
Width	242 mm	Width (inches)	9.528 inch
Net weight	13,330 g		

Temperatures

Storage temperature	-15 °C...40 °C	Ambient temperature	0°...+40°C (Charging); -15°...+50°C (Discharging)
Operating temperature	0 °C...40 °C		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Operating interfaces and control inputs

Temperature probe NTC 100 kΩ

Input

Charging current, max.	2.55 A	Nominal capacity	17 Ah
Rated input voltage	24 V DC		

Output

Buffer time 10A	81 min	Buffer time 20A	34.2 min
Buffer time 40A	13.5 min	Output current, max.	50 A
Overload and short circuit protection	2x25 A fuse	Parallel connection option	Yes
Protection against inverse voltage	Yes	Temperature probe	NTC 100 kΩ

General data

Max. perm. air humidity (operational)	5 %...95 % RH	Operating temperature	0 °C...40 °C
Shock wall acc. to IEC 68227	30 g	Vibration DIN rail/wall in accordance with IEC 68-2-6	- / 0.7 g

Insulation coordination

Protection class III, with no ground connection, for SELV

Connection data (input)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	22
Conductor cross-section, flexible , min.	0.5 mm ²	Conductor cross-section, rigid , max.	16 mm ²
Conductor cross-section, rigid , min.	0.2 mm ²	Wire connection cross section, flexible (input), max.	16 mm ²

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Technical data

Connection data (output)

Conductor cross-section, AWG/kcmil , max.	6	Conductor cross-section, AWG/kcmil , min.	22
Conductor cross-section, flexible , max.	16 mm ²	Conductor cross-section, flexible , min.	0.5 mm ²
Conductor cross-section, rigid , max.	16 mm ²	Conductor cross-section, rigid , min.	0.2 mm ²
Number of terminals	2 (+ / -)		

Connection data (signal)

Number of terminals	2	Wire connection method	Pluggable screw connection
Wire cross-section, AWG/kcmil , max.	16	Wire cross-section, AWG/kcmil , min.	28
Wire cross-section, solid , max.	1.5 mm ²	Wire cross-section, solid , min.	0.2 mm ²

Approvals

Certificate no. (cULus)	E349959	Institute (cULus)	CULUS
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Classifications

ETIM 6.0	EC002850	ETIM 7.0	EC002850
ETIM 8.0	EC002850	ECLASS 9.0	27-04-06-92
ECLASS 9.1	27-04-92-01	ECLASS 10.0	27-04-06-92
ECLASS 11.0	27-04-06-92		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E349959

Downloads

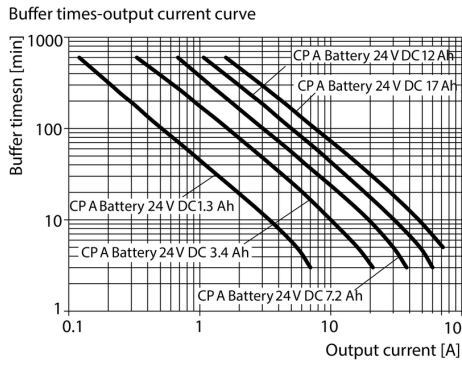
Approval/Certificate/Document of Conformity	Declaration of Conformity Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions
Catalogues	Catalogues in PDF-format

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Drawings



Buffer Time