CP A BATTERY 24V DC7.2AH

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.	1251080000
Type	CP A BATTERY 24V DC7.2AH
GTIN (EAN)	4050118043112
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2021-07-31
Alternative product	2789910000

Creation date December 14, 2021 11:03:02 PM CET

CP A BATTERY 24V DC7.2AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	134 mm	Depth (inches)	5.276 inch
Height	155 mm	Height (inches)	6.102 inch
Width	162 mm	Width (inches)	6.378 inch
Net weight	6,200 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.	1.08 A	Nominal capacity	7.2 Ah
Rated input voltage	24 V DC		

Output

Buffer time 10A	26.5 min	Buffer time 20A	11.5 min
Buffer time 40A	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 mm²	Conductor cross-section, rigid , max.	16 mm²
Conductor cross-section, rigid , min.	0.2 mm²	Wire connection cross section, flexible (input), max.	16 mm²

CP A BATTERY 24V DC7.2AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

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 mm²	Conductor cross-section, flexible , min.	0.5 mm²
Conductor cross-section, rigid , max.	16 mm²	Conductor cross-section, rigid , min.	0.2 mm²
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 mm²	Wire cross-section, solid , min.	0.2 mm²

Approvals

Certificate No. (GERMLLOYD)	61934-14	Certificate no. (cULus)	E349959
Institute (GERMLLOYD)	GERMLLOYD	Institute (cULus)	CULUS

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

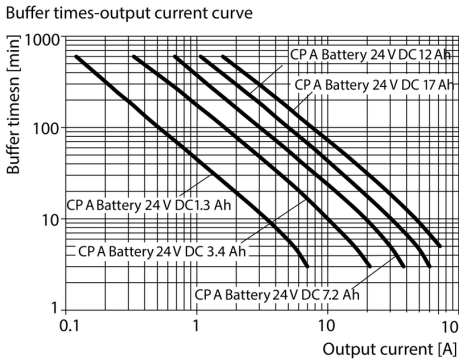
Approval/Certificate/Document of Conformity	Declaration of Conformity Declaration of Conformity
Engineering Data	CAD data – STEP
Engineering Data	EPLAN, WSCAD
User Documentation	Operating instructions
Catalogues	Catalogues in PDF-format

CP A BATTERY 24V DC7.2AH

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings



Buffer Time