

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 January 22, 2022 5:50:32 AM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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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 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. (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

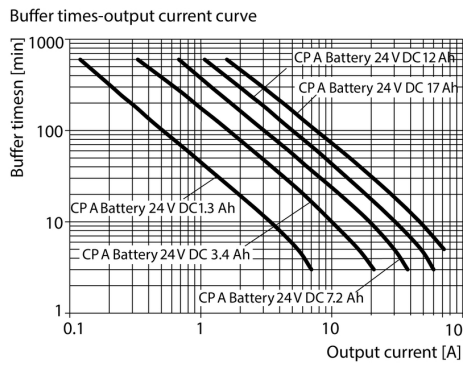
| | |
|---|--|
| Approval/Certificate/Document of Conformity | Declaration of Conformity Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN_WSCAD |
| User Documentation | Operating instructions |
| Catalogues | Catalogues in PDF-format |

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Drawings



Buffer Time

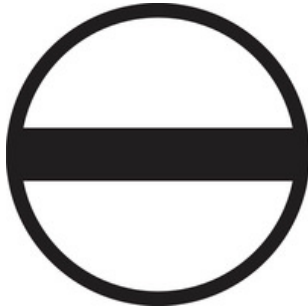
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Accessories

Slotted screwdriver



VDE insulated screwdriver sets, for working on live parts up to 1000 V AC and 1500 V DC, DIN EN 60900. IEC 900. Each piece is "GS" safety tested. Blade made from fully hardened, high-alloy chromium-vanadium-molybdenum steel, gun-metal finish.

General ordering data

| | | |
|------------|----------------------------|----------------------------|
| Type | SDIS SL 1.0X5.5X125 | Version |
| Order No. | 1274680000 | Screwdriver, Mounting tool |
| GTIN (EAN) | 4050118073263 | |
| Qty. | 1 pc(s). | |
| Type | SDIS SL 0.6X3.5X100 | Version |
| Order No. | 1274660000 | Screwdriver, Mounting tool |
| GTIN (EAN) | 4050118072631 | |
| Qty. | 1 pc(s). | |

W-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | |
|------------|----------------------------|-----------------------|
| Type | WEW 35/1 V0 GF SW | Version |
| Order No. | 1478990000 | W-Series, End bracket |
| GTIN (EAN) | 4050118286892 | |
| Qty. | 50 pc(s). | |
| Type | WEW 35/2 V0 GF SW | Version |
| Order No. | 1479000000 | W-Series, End bracket |
| GTIN (EAN) | 4050118286779 | |
| Qty. | 100 pc(s). | |

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[2G/1AC/24DC/5](#) [TRIO-UPS-2G/1AC/24DC/10](#) [QUINT4-UPS/24DC/24DC/20/EI](#) [QUINT4-UPS/24DC/24DC/5/USB](#) [SLNSPSPMBRK](#)
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