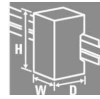


**CP M CAP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Use our diode and redundancy modules to connect two power supplies and compensate for a device failing. In addition, our capacity module offers power reserves, guaranteeing purposeful and quick triggering of a circuit breaker, for example.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    | Capacity module            |
| Order No.  | <a href="#">1222240010</a> |
| Type       | CP M CAP                   |
| GTIN (EAN) | 4050118176148              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 150 mm     | Depth (inches)  | 5.905 inch |
| Height         | 130 mm     | Height (inches) | 5.118 inch |
| Net weight     | 633 g      | Width           | 34 mm      |
| Width (inches) | 1.339 inch |                 |            |

## Temperatures

|                     |                           |                       |                |
|---------------------|---------------------------|-----------------------|----------------|
| Storage temperature | -40 °C...85 °C            | Operating temperature | -25 °C...70 °C |
| Humidity            | 5...95 %, no condensation |                       |                |

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Input

|                        |                  |                     |         |
|------------------------|------------------|---------------------|---------|
| DC input voltage range | 18...30 V DC     | Rated input voltage | 24 V DC |
| Wire connection method | Screw connection |                     |         |

## Output

|                        |                                                                               |                                 |                |
|------------------------|-------------------------------------------------------------------------------|---------------------------------|----------------|
| Peak current output    | load dependent (typ. 40 A for 1 ms)                                           | Recovery time for the capacitor | Approx. 1 sec. |
| Switching thresholds   | 21.6 V DC, relay is on for Power Good, 20.4 V DC, relay is off for Power Fail | Voltage monitoring              | Yes            |
| Wire connection method | Screw connection                                                              |                                 |                |

## General data

|                       |                                                    |                                        |                                                                                                                                     |
|-----------------------|----------------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Clip-in foot          | metal                                              | Humidity                               | 5...95 %, no condensation                                                                                                           |
| MTBF                  | > 500,000 h in accordance with IEC 61709 (SN29500) | Mounting position, installation notice | Horizontal on TS35 mounting rail. 50 mm of clearance at top & bottom for air circ. Can mount side by side with no space in between. |
| Operating temperature | -25 °C...70 °C                                     |                                        |                                                                                                                                     |

## EMC / shock / vibration

|                                    |                                                                                                                                                        |                                           |                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------------|
| Interference immunity test acc. to | EN 61000-4-2 (ESD)  EN 61000-4-3 and EN 61000-4-8 (fields)  EN 61000-4-4 (burst)  EN 61000-4-5 (surge)  EN 61000-4-6 (conducted)  EN 61000-4-11 (dips) | Noise emission in accordance with EN55032 |                                      |
| Shock resistance IEC 60068-2-27    | 15 g In all directions                                                                                                                                 | Vibration resistance IEC 60068-2-6        | Class B<br>1 g according to EN 50178 |

## Insulation coordination

|                    |                                          |                    |   |
|--------------------|------------------------------------------|--------------------|---|
| Insulation voltage | 0.5 kV Input / output - Box              | Pollution severity | 2 |
| Protection class   | III, with no ground connection, for SELV |                    |   |

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## Technical data

## Electrical safety (applied standards)

Electrical machine equipment

Acc. to EN60204

For use with electronic equipment

Acc. to EN50178 /  
VDE0160

## Connection data (input)

Conductor cross-section, AWG/kcmil ,  
max.

12

Conductor cross-section, AWG/kcmil ,  
min.

26

Conductor cross-section, flexible , min.

0.5 mm<sup>2</sup>

Conductor cross-section, rigid , max.

6 mm<sup>2</sup>

Conductor cross-section, rigid , min.

0.5 mm<sup>2</sup>Wire connection cross section, flexible  
(input), max.4 mm<sup>2</sup>

## Connection data (output)

Conductor cross-section, AWG/kcmil ,  
max.

12

Conductor cross-section, AWG/kcmil ,  
min.

26

Conductor cross-section, flexible , max.

2.5 mm<sup>2</sup>

Conductor cross-section, flexible , min.

0.5 mm<sup>2</sup>

Conductor cross-section, rigid , max.

6 mm<sup>2</sup>

Conductor cross-section, rigid , min.

0.5 mm<sup>2</sup>

Number of terminals

3 (CO contacts)

## Signalling

Floating contact

Yes

## Approvals

Certificate No. (GERMLLOYD)

94767-10

Certificate no. (cULus)

E258476

Institute (GERMLLOYD)

GERMLLOYD

Institute (cULus)

CULUS

## Classifications

ETIM 6.0

EC002850

ETIM 7.0

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

E258476

## Downloads

Approval/Certificate/Document of  
Conformity[DE\\_PA5200\\_160512\\_001.pdf](#)

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[Operating instructions](#)