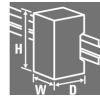


**CP DM 10****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

You are looking for a reliable power supply with basic functions.

With PROeco we can offer you low-cost switch-mode power supply units with high efficiency and system capability. Let's connect. In the series production of machines, in particular, switch-mode power supply units with above-average performance values can deliver genuine competitive advantages.

The low-cost PROeco series offers all the basic functions and delivers impressively high performance and flexibility.

Our PROeco switch-mode power supply units feature a compact design, high efficiency and are extremely easy to maintain. Thanks to temperature protection, short-circuit and overload resistance they can be universally used in all applications.

Wide-ranging safety functions and compatibility with our diode and capacitance modules, together with UPS components for setting up a redundant power supply, characterise solutions with PROeco.

**General ordering data**

|                     |                            |
|---------------------|----------------------------|
| Version             | Diode module               |
| Order No.           | <a href="#">8710620000</a> |
| Type                | CP DM 10                   |
| GTIN (EAN)          | 4032248385706              |
| Qty.                | 1 pc(s).                   |
| Delivery status     | Discontinued               |
| Available until     | 2022-03-30                 |
| Alternative product | <a href="#">2486070000</a> |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 110 mm  | Depth (inches)  | 4.331 inch |
| Height     | 125 mm  | Height (inches) | 4.921 inch |
| Width      | 55.5 mm | Width (inches)  | 2.185 inch |
| Net weight | 399 g   |                 |            |

## Temperatures

|                     |                |                       |             |
|---------------------|----------------|-----------------------|-------------|
| Storage temperature | -20 °C...85 °C | Operating temperature | -10 °C...55 |
|---------------------|----------------|-----------------------|-------------|

## Rated data UL

|                         |         |
|-------------------------|---------|
| Certificate No. (cURus) | E255651 |
|-------------------------|---------|

## Input

|                                    |                      |                             |                   |
|------------------------------------|----------------------|-----------------------------|-------------------|
| Clamping range, input              | 4 mm <sup>2</sup>    | Clamping range, input, max. | 6 mm <sup>2</sup> |
| Clamping range, input, min.        | 0.13 mm <sup>2</sup> | Input current               | 2 x 0...10 A max. |
| Input voltage (voltage mode input) | 40 V DC max.         | Wire connection method      | Screw connection  |

## Output

|                              |                      |                              |                                                        |
|------------------------------|----------------------|------------------------------|--------------------------------------------------------|
| Clamping range, output       | 4 mm <sup>2</sup>    | Clamping range, output, max. | 6 mm <sup>2</sup>                                      |
| Clamping range, output, min. | 0.13 mm <sup>2</sup> | Output current               | 0...20 A max. or 10 A max.<br>for redundancy operation |
| Output power                 | 480 W                | Output voltage, note         | U <sub>en</sub> - 0.5 V typ.                           |
| Wire connection method       | Screw connection     |                              |                                                        |

## General data

|                                   |                                                |                                        |                                         |
|-----------------------------------|------------------------------------------------|----------------------------------------|-----------------------------------------|
| Building Width                    | 55.5 mm                                        | Building height                        | 125 mm                                  |
| Degree of efficiency at max. load | 95.5%                                          | Depth                                  | 100 mm                                  |
| Installation advice               | Clearance: side ≥ 2 cm;<br>above/below ≥ 10 cm | Mounting position, installation notice | horizontally, on terminal<br>rail TS 35 |
| Protection degree                 | IP20                                           | Weight                                 | 399 g                                   |

## Approbations

|                         |         |                         |         |
|-------------------------|---------|-------------------------|---------|
| Certificate No. (cURus) | E255651 | Certificate no. (cULus) | E258476 |
| Institute (cULus)       | CULUS   | Institute (cURus)       | CURUS   |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002540    | ETIM 7.0    | EC002540    |
| ETIM 8.0    | EC002540    | ETIM 9.0    | EC002540    |
| ECLASS 9.0  | 27-04-07-01 | ECLASS 9.1  | 27-04-07-01 |
| ECLASS 10.0 | 27-04-07-01 | ECLASS 11.0 | 27-04-07-90 |
| ECLASS 12.0 | 27-04-07-90 | ECLASS 13.0 | 27-04-07-90 |

## Environmental Product Compliance

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

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## Technical data

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E255651    |
| Certificate no. (cULus) | E258476    |

## Downloads

|                                             |                                                         |
|---------------------------------------------|---------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">DE_PA5200_160512_002.pdf</a>                |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                         |
| User Documentation                          | <a href="#">Warrenty Information Power Supplies.pdf</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                |
| Brochures                                   |                                                         |

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## Drawings

### Electric symbol

