

CP DM 10

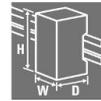
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The new PROeco 2nd generation power supplies maximise the availability of automation applications. The twelve-part series offers standard functions: with high performance, efficiency and suitability for many systems. The three-colour LED makes service activities and the integration of PROeco devices particularly easy. The series is compatible with DC UPS, electronic load monitoring and diode modules and is suitable for setting up power management systems. The compact design suits space-constrained applications, such as flat control cabinets in the field.

General ordering data

Version	Diode module
Order No.	8710620000
Type	CP DM 10
GTIN (EAN)	4032248385706
Qty.	1 pc(s).
Delivery status	Discontinued
Available until	2022-03-30
Alternative product	2486070000

Creation date May 26, 2025 11:23:47 AM CEST

Catalogue status 24.05.2025 / We reserve the right to make technical changes.

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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 °C
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Rated data UL

Certificate No. (cURus)	E255651
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Input

Clamping range, input	4 mm ²	Clamping range, input, max.	6 mm ²
Clamping range, input, min.	0.13 mm ²	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 ²	Clamping range, output, max.	6 mm ²
Clamping range, output, min.	0.13 mm ²	Output current	0...20 A max. or 10 A max. for redundancy operation
Output power	480 W	Output voltage, note	U _{en} - 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; above/below ≥ 10 cm	Mounting position, installation notice	horizontally, on terminal rail TS 35
Protection degree	IP20	Weight	399 g

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
ETIM 8.0	EC002540	ETIM 9.0	EC002540
ETIM 10.0	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	ECLASS 14.0	27-04-07-90
ECLASS 15.0	27-04-07-90		

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1

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Technical data

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E255651
Certificate no. (cULus)	E258476

Downloads

Approval/Certificate/Document of Conformity	DE_PA5200_160512_002.pdf
Engineering Data	CAD data – STEP
User Documentation	Warrenty_Information_Power_Supplies.pdf
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

Electric symbol

