

CP DM 20

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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www.weidmueller.com



Diode module for decoupling outputs of switched-mode power units. Switched-mode power units have a disadvantage - when multiple secondary circuits are switched in parallel, an opposite negative influence can effect the individual circuit. This can damage the devices. The CP DM diode modules can help here
They are used for doubling the output, redundancy operation, supplying critical loads and protecting against energy recovery.

General ordering data

Order No.	8768650000
Part designation	CP DM 20
Version	Diode module
GTIN (EAN)	4032248437443
Qty.	1 pc(s).

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Technical data

Dimensions

Length	110 mm	Width	55.5 mm
Height	142 mm	Weight	0.4 kg

Temperature

Ambient temperature (operational)	-10 °C...+55 °C	Storage temperature	-20 °C...+85 °C
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Input

Conductor connection system	Screw connection	Input current	2 x 0...20 A max.
Input voltage (voltage mode input)	40 V DC max.		

output

Conductor connection system	Screw connection	Output current	0...40 A max. or 20 A max. for redundant operations
Output power, max.	960 W	Output voltage	U _{in} - 0.5 V typical

General data

Ambient temperature (operational)	-10 °C...+55 °C	DIN Rail compatibility	TS 35
Degree of efficiency at max. load	97.5 %	Depth	100 mm
Installation advice	Clearance: side ≥ 2 cm; above/below ≥ 10 cm	Mounting position, installation notice	horizontally on terminal rail TS 35

Approvals

Approvals institutes	CULUS; CURUS; GOSTME25; CE
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Classifications

ETIM 2.0	EC001039	ETIM 3.0	EC001039
ETIM 4.0	EC001039	UNSPSC	30-21-18-01
eClass 4.1	27-24-04-10	eClass 5.1	27-24-22-13
eClass 6.0	EC27049201		

Downloads

PDF	Warranty information
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Drawings

Electric symbol

