

ConnectPower
CP DCDC 50W 12V 3A

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-2083
www.weidmueller.com



DC/DC converters for the 50-W power class in a compact metal housing for mounting directly on the terminal rail. Eight versions are available with rated voltages of 5 V, 12 V, 15 V, 24 V and 48 V on the input and output side.

General ordering data

Order No.	9919372412
Type	CP DCDC 50W 12V 3A
Version	DC/DC converter
GTIN (EAN)	4032248217830
Qty.	1 pc(s).

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Technical data

Dimensions

Length	131 mm	Width	57 mm
Height	98 mm	Weight	454 g
Net weight	446.6 g		

Temperatures

Operating temperature	-10 °C...+60 °C (Derating ab 50 °C)	Storage temperature	-40 °C...+85 °C
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Input

Conductor connection system	Screw connection	Connection range	AWG26-12 (0.1-4.0 mm ²)
Input fuse	internal	Input voltage (voltage mode input)	18...30 V DC, typ. 24 V DC

output

Conductor connection system	Screw connection	Connection range	AWG26-12 (0.1-4.0 mm ²)
Output current	3 A	Output voltage	10.5...14.5 V DC
Output voltage type	DC	Output voltage, max.	14.5 V
Output voltage, min.	10.5 V	Overload behaviour	Surge current cut-out with self-reset
Overload protection	Surge current cut-out with self-reset	output power	36 W

General data

Building Width	57 mm	Building height	98 mm
Depth	131 mm	EMC standards	IEC 61000-6 /-2
Low Voltage Directive	73/ 23/ EWG	Operating temperature	-10 °C...+60 °C (Derating ab 50 °C)
Standards	DIN EN 50178, DIN EN 60950, IEC950	Status indication	Green LED
Switching frequency	200 kHz	Weight	454 g

Insulation coordination

Humidity at operating temperature	20 - 85% RH	Humidity at storage temperature	20 to 90% RH without condensation
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PA52_7 signalling

Status indication	Green LED
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Classifications

ETIM 2.0	EC001039	ETIM 3.0	EC001039
UNSPSC	30-21-18-01	eClass 4.1	27-24-04-10
eClass 5.1	27-24-22-13	eClass 6.0	27-04-90-04
eClass 7.0	27-21-09-01		

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Technical data

Approvals

Approvals



Downloads

Declaration of Conformity [ECC1937_02_09.pdf](#)

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Drawings

Electric symbol

