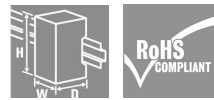


## ConnectPower CP DCDC 50W 12V 3A

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
 D-32758 Detmold  
 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



DC/DC converter for the 50-W and 250-W power class in a compact metal housing for mounting on the terminal rail. Nine 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.	<a href="#">9919372412</a>
Type	CP DCDC 50W 12V 3A
Version	DC/DC converter
GTIN (EAN)	4032248217830
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	131 mm	Width	57 mm
Height	98 mm	Depth	131 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 <sup>2</sup> )
Input fuse	internal	Input voltage (voltage mode input)	18...30 V DC, typ. 24 V DC
Rated current	1.93 A		

**output**

Conductor connection system	Screw connection	Connection range	AWG26-12 (0.1-4.0 mm <sup>2</sup> )
Max. capacitance at output	8000 µF	Output current	3 A
Output power	36 W	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
Parallel connection option	yes, max 2.		

**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 to 85% RH	Humidity at storage temperature	20 to 90% RH without condensation
electrical isolation, I/O rail	4 kV	electrical isolation, input-earth	0.5 kV
electrical isolation, input-output	0.5 kV	electrical isolation, output-earth	0.5 kV

**Signalling**

Status indication	Green LED
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**Data sheet...**

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**Technical data**

**Approvals**

Institute (CSA)



Certificate No. (CSA)

200039-1160016

Institute (cULus)



Certificate no. (cULus)

E19665 1VOL2SEC6

**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		

**Approvals**

Approvals



**Downloads**

Declaration of Conformity [ECC1937\\_02\\_09.pdf](#)

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**Drawings**

**Electric symbol**

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