

ConnectPower
CP SNT 160W 12-15V 8A
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com



One-phase switched-mode power unit in a compact metal housing for rail mounting

Performance classes 55 W, 160 W, 300 W. These power supplies can be universally deployed because of their wide input range

from 85 V AC to 265 V AC. They are available with output voltages of 5 V, 12 V, 24 V and 48 V.

The 300 W ConnectPower power pack includes active PFC control and comprehensive monitoring functions.

To increase the power output, up to five power units can be connected in parallel without decoupling on the output side.

General ordering data

Delivery status	Discontinued
Available until	2014-12-31
Type	CP SNT 160W 12-15V 8A
Order No.	9925340012
Version	Power supply, switch-mode power supply unit
GTIN (EAN)	4032248217731
Qty.	1 pc(s).
Alternative product	1478230000

Creation date August 18, 2020 9:00:14 AM CEST

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Technical data

Dimensions and weights

Width	57 mm	Width (inches)	2.244 inch
Height	127 mm	Height (inches)	5 inch
Depth	175 mm	Depth (inches)	6.89 inch
Weight	880 g	Net weight	1,125 g

Temperatures

Humidity at operating temperature	20 to 85% RH without condensation	Humidity at storage temperature	20 to 90% RH without condensation
Operating temperature, max.	50 °C	Operating temperature, min.	0 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	0 °C...50 °C	Storage temperature	-40 °C...85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Connection range	AWG26-12/ 0.13-4.0 mm ²	Input current	2.9 A @ 115 V AC; 1.45 A @ 230 V AC
Input frequency	50/ 60 Hz	Input fuse	6.3 A time-lag fuse (internal)
Input voltage (voltage mode input)	min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC	Inrush Current Limitation	Thermistor
Surge protection	Varistor	Wire connection method	Screw connection

Output

Connection range	AWG26-12/ 0.13-4.0 mm ²	Control at 10...100% load	1%
Control at input voltage	0.5%	Mains failure bridge-over time	40 ms @ 115 V AC / 50 ms @ 230 V AC
Max. capacitance at output	6000 µF	Max. residual ripple	0.2 % _{eff}
Output current	8 A	Output power	96 W
Output voltage	12...15 V	Output voltage type	DC
Overload protection	Overload current and surge protection	Parallel connection option	No
Surge protection	Varistor	Wire connection method	Screw connection

General data

Degree of efficiency at max. load	85%	EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Low Voltage Directive	73/ 23/ EWG	Mounting position, installation notice	horizontally, on terminal rail TS 35
Operating temperature	0 °C...50 °C	Power factor correction	No
Protection degree	IP20	Standards	DIN EN 50178, DIN EN 60950, IEC950
Status indication	Green LED		

System data

Output current	8 A
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Insulation coordination

Humidity at operating temperature	20 to 85% RH without condensation	Humidity at storage temperature	20 to 90% RH without condensation
electrical isolation, I/O rail	3 kV	electrical isolation, input-earth	1.5 kV
electrical isolation, input-output	3 kV	electrical isolation, output-earth	0.5 kV

Signalling

Status indication	Green LED
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Approvals

Institute (cULus)



Certificate no. (cULus)

E196651

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01
eClass 10.0	27-04-07-01	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS	Conform
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Drawings

Electric symbol

