

CP SNT 24W 24V 1A

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

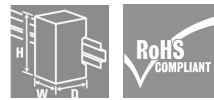
D-32758 Detmold

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One-phase switched-mode power unit in installation housing in performance classes 24 and 48 W. .
The INSTA power units can be universally deployed because of their wide input range from 85 V AC to 265 V AC.
They are available with output voltages from 5 V to 48 V.

General ordering data

Order No.	9928890024
Type	CP SNT 24W 24V 1A
Version	Power supply, switch-mode power supply unit, 24 V
GTIN (EAN)	4032248217557
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	62.5 mm	Width	52 mm
Height	90.5 mm	Depth	62.5 mm
Net weight	168.6 g		

Temperatures

Operating temperature	-20 °C...+50 °C	Storage temperature	-40 °C...+85 °C
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Input

Conductor connection system	Screw connection	Input current	460 mA @ 115 V AC; 250 mA @ 230 V AC
Input current at 115 Vac	460 mA RMS \pm 20%	Input current at 125 Vdc	235 mA \pm 20%
Input current at 250 Vdc	120 mA \pm 20%	Input frequency	50/ 60 Hz
Input fuse	2 A time-lag fuse (internal)	Input voltage (voltage mode input)	85...265 V AC, 120...300 V DC
Surge protection	Varistor	Turn-on current limit	Thermistor

output

Conductor connection system	Screw connection	Control at 10...100% load	0.5%
Control at input voltage	0.2%	Mains failure bridge-over time	35 ms @ 115 V AC / 160 ms @ 230 V AC
Max. capacitance at output	8000 μ F	Max. residual ripple	< 2 %
Output current	1 A	Output power	24 W
Output voltage	24 V	Output voltage type	DC
Overload protection	Surge current / thermal cut-out	Surge protection	Varistor
rated output voltage	24 V DC \pm 1 %		

General data

Degree of efficiency at max. load	78%	EMC standards	EN 61000-6 /-2, -3
Mounting position, installation notice	horizontally, on terminal rail TS 35	Operating temperature	-20 °C...+50 °C
Standards	DIN EN 50178, DIN EN 60950, IEC950		

Insulation coordination

electrical isolation, I/O rail	4 kV	electrical isolation, input-earth	1.5 kV
electrical isolation, input-output	3 kV	electrical isolation, output-earth	0.5 kV

Approvals

Institute (CSA)



Certificate No. (CSA)

200039-1753861CB

Classifications

eClass 6.0	27-04-90-04	eClass 7.0	27-04-90-04
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Creation date February 26, 2013 7:10:01 PM CET

Catalogue status 20.12.2012 / We reserve the right to make technical changes.

2

Data sheet...**CP SNT 24W 24V 1A**

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Technical data**Approvals**

Approvals

**Downloads**Declaration of Conformity [K439_04_11.pdf](#)

Data sheet...

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Drawings

Electric symbol

