

CP SNT 24W 24V 1A
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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www.weidmueller.com



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

Type	CP SNT 24W 24V 1A
Order No.	9928890024
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

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

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	Wire connection method	Screw connection

output

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
Parallel connection option	yes, max 2.	Surge protection	Varistor
Wire connection method	Screw connection	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

Institute (cULus)



Certificate no. (cULus)

E196651VOL2SEC1

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Technical data**Classifications**

eClass 6.2

27-04-90-04

eClass 7.1

27-04-90-04

Approvals

Approvals



ROHS

Conform

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Declaration of Conformity

[K439_04_11.pdf](#)

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