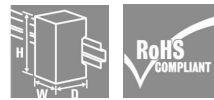


CP SNT 24W 24V 1A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 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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Technische Daten

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 ± 20%
Input current at 125 Vdc	235 mA ± 20%	Input current at 250 Vdc	120 mA ± 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 µF
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 ± 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)	E196651

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Technische Daten

Classifications

eClass 6.2	27-04-90-04	eClass 7.1	27-04-90-04
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Product information

Descriptive text ordering data	The internal varistor found in a switch-mode power supply does not replace the necessary surge protection in a system.
Descriptive text technical data	Derating loss: 33 % @ 60 °C The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.

Approvals

Approvals



ROHS	Conform
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Downloads

Declaration of Conformity	K439_04_11.pdf
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Zeichnungen

Electric symbol

