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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

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CP SNT 24W 24V 1A

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
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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
Part designation	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 (1)

Length	62.5 mm	Width	52 mm
Height	90.5 mm		

temperature

Ambient temperature (operational)	Storage temperature	-40 °C...+85 °C
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Input

Conductor connection system	Screw connection	DC input voltage range	120...300 V DC
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	Input voltage range AC	85...265 V AC
Surge protection	Varistor	making 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
Mains failure bridge-over time for 115 V AC	35 ms	Mains failure bridge-over time for 230 V AC	160 ms
Max. capacitance at output	8000 µF	Max. residual ripple	< 2 %
Output current	1 A	Output power, max.	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 ± 1 %		

General data

Ambient temperature (operational)	DIN Rail compatibility	TS 35
Degree of efficiency at max. load	EMC standards	EN 61000-6 /-2, -3
Mounting position, installation notice	Standards	EN 50178 EN 60950 IEC950
Ambient temperature (operational)		

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

Connection data

Clamping range, nom.	4 mm ²	Clamping range, min.	0.08 mm ²
Clamping range, max.	4 mm ²		

Approvals

Approvals institutes	UL508; CSA; Cl. I Div. 2; GOSTME25; CE
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www.weidmueller.com**Technical data****Classifications**

eClass 6.0

27-04-90-04

Notes

Note, 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.

Datasheet

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Drawings

Electric symbol

