

**WAVESERIES**  
**CP SNT 12W 24V 0.5A**

Weidmüller Interface GmbH & Co. KG  
Klingenbergstraße 16  
D-32758 Detmold  
Germany  
Fon: +49 5231 14-0  
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www.weidmueller.com



Switched-mode power unit with an output power of 12 W / 24 V @ 0.5 A in compact WAVEBOX housing just 22.5 mm wide, for mounting directly on the terminal rail.

**General ordering data**

Order No.	<a href="#">9918840024</a>
Type	CP SNT 12W 24V 0.5A
Version	Power supply, switch-mode power supply unit, 24 V
GTIN (EAN)	4032248217519
Qty.	1 pc(s).

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**Technical data**
**Dimensions**

Length	112.4 mm	Width	22.5 mm
Height	92.4 mm	Weight	110 g

**Temperatures**

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

Conductor connection system	Screw connection	Connection range	0.5 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
Input current	260 mA @ 115 V AC; 180 mA @ 230 V AC	Input current at 115 Vac	260 mA <sub>eff</sub> ± 20%
Input current at 125 Vdc	125 mA ± 20%	Input current at 230 Vac	180 mA <sub>eff</sub> ± 20%
Input current at 250 Vdc	65 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		

**output**

Conductor connection system	Screw connection	Connection range	0.5 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
Control at 10...100% load	0.6 %	Control at input voltage	0.2 %
Mains failure bridge-over time	30 ms @ 115 V AC / 80 ms @ 230 V AC	Max. capacitance at output	8000 µF
Max. residual ripple	0.1 %	Output current	0.5 A
Output voltage	24 V DC	Overload protection	<b>Surge current</b> / thermal cut-out
Parallel connection option	No	Surge protection	Varistor
output power	12 W	rated output voltage	24 V DC ± 1 %

**General data**

Degree of efficiency at max. load	80 %	Depth	112.4 mm
EMC standards	IEC 61000-6 /-2, -3	Low Voltage Directive	73/ 23/ EWG
Mounting position, installation notice	horizontally, on terminal rail TS 35	Operating temperature	-20 °C...+50 °C
Power factor correction	No	Standards	DIN EN 50178, DIN EN 60950, IEC950
Status indication	Green LED		

**Insulation coordination**

Humidity at operating temperature	20 - 85% RH without condensation	Humidity at storage temperature	20 - 90% RH
Protection degree	IP 20	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		

**Classifications**

ETIM 2.0	EC001039	ETIM 3.0	EC001039
ETIM 4.0	EC002541	UNSPSC	30-21-18-01
eClass 4.1	27-24-04-10	eClass 5.1	27-04-90-02
eClass 6.0	27-04-90-04	eClass 7.0	27-04-90-04

**Data sheet...****WAVESERIES**  
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Approvals

**Downloads**

Declaration of Conformity

[ECC1884\\_02\\_09.pdf](#)[3-D model](#)

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**Drawings**

**Electric symbol**

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