

WAVESERIES
CP SNT 12W 24V 0.5A

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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

Delivery status	This article will no longer be available in the future.
Available until	2019-12-31
Type	CP SNT 12W 24V 0.5A
Order No.	9918840024
Version	Power supply, switch-mode power supply unit, 24 V
GTIN (EAN)	4032248217519
Qty.	1 pc(s).
Alternative product	2580180000

Creation date September 2, 2020 6:49:26 AM CEST

Catalogue status 28.08.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	22.5 mm	Width (inches)	0.886 inch
Height	92.4 mm	Height (inches)	3.638 inch
Depth	112.4 mm	Depth (inches)	4.425 inch
Net weight	151.9 g		

Temperatures

Humidity at operating temperature	20 to 85% RH without condensation	Humidity at storage temperature	20 to 90% RH
Operating temperature, max.	50 °C	Operating temperature, min.	-20 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-20 °C...50 °C	Storage temperature	-40 °C...85 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Connection range	0.5 mm ² to 2.5 mm ²	Connection system	Screw connection
DC input voltage range	80...370 V DC	Input current	260 mA @ 115 V AC; 180 mA @ 230 V AC
Input current at 115 Vac	260 mA _{eff} ± 20%	Input current at 125 Vdc	125 mA ± 20%
Input current at 230 Vac	180 mA _{eff} ± 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
Wire connection method	Screw connection		

Output

Connection range	0.5 mm ² to 2.5 mm ²	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 power	12 W
Output voltage	24 V	Output voltage type	DC
Overload protection	Surge current / thermal cut-out	Parallel connection option	No
Rated output voltage	24 V DC ± 1 %	Surge protection	Varistor
Wire connection method	Screw connection		

General data

Degree of efficiency at max. load	80%	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
Protection degree	IP20	Short-circuit protection	Yes
Standards	DIN EN 50178, DIN EN 60950, IEC950	Status indication	Green LED

System data

Output current	0.5 A
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Technical data
Insulation coordination

Humidity at operating temperature	20 to 85% RH without condensation	Humidity at storage temperature	20 to 90% RH
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 (input)

Connection system	Screw connection
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Signalling

Status indication	Green LED
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Approvals

Institute (CSA)		Certificate No. (CSA)	200039-1174514
Institute (cULus)		Certificate no. (cULus)	E196651

Classifications

ETIM 6.0	EC002540	ETIM 7.0	EC002540
eClass 9.0	27-04-07-01	eClass 9.1	27-04-07-01
eClass 10.0	27-04-07-01	UNSPSC	30-21-18-01

Approvals

Approvals	
ROHS	Conform

Downloads

Brochure/Catalogue	CAT 4.3 ELECTR 15/16 EN
Engineering Data	EPLAN, WSCAD