

CP SNT 12W 24V 0.5A**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

Creation date March 30, 2021 3:29:46 AM CEST

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Technical data

Dimensions and weights

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

Temperatures

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

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

Building Width	22.5 mm	Building height	92.4 mm
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	Short-circuit protection	Yes
Standards	DIN EN 50178, DIN EN 60950, IEC950	Status indication	Green LED

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www.weidmueller.com**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

Certificate No. (CSA)	200039-1311856	Certificate no. (cULus)	E196651
Institute (CSA)	CSA	Institute (cULus)	CULUS

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	ECLASS 11.0	27-04-07-01

Approvals

Approvals



ROHS	Conform
UL File Number Search	E196651

Downloads

Engineering Data	EPLAN, WSCAD
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Drawings

Electric symbol

