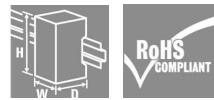


**WAVESERIES
CP SNT 12W 24V 0.5A**

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

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).

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Technische Daten

Dimensions and weights

Width	22.5 mm	Height	92.4 mm
Depth	112.4 mm	Weight	110 g
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	-20 °C...+50 °C	Storage temperature	-40 °C...+85 °C

Input

Connection range	0.5 mm ² to 2.5 mm ²	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
Surge protection	Varistor	Wire connection method	Screw connection
rated output voltage	24 V DC ± 1 %		

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	Standards	DIN EN 50178, DIN EN 60950, IEC950
Status indication	Green LED	Weight	110 g

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

Signalling

Status indication	Green LED
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Datenblatt

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Approvals

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

Classifications

ETIM 3.0	EC001039	UNSPSC	30-21-18-01
eClass 5.1	27-04-90-02	eClass 6.2	27-04-90-04
eClass 7.1	27-04-90-04		

Product information

Descriptive text ordering data	The internal varistor found in a switch-mode power unit does not replace the necessary surge protection in a system.
Descriptive text accessories	Supply voltage 24 V and 0 V can be cross-connected with ZQV 2.5N/2

Approvals

Approvals	
ROHS	Conform

Downloads

Declaration of Conformity	ECC1884_02_09.pdf
	3D Modell

Datenblatt

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Zeichnungen

Electric symbol

