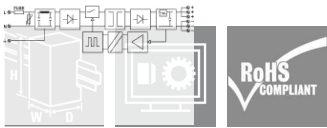


# CP SNT 12W 24V 0.5A

---



## Electric symbol

---

### 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).

### 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	-20 °C...50 °C
Storage temperature	-40 °C...85 °C

### Input

Connection range	0.5 mm <sup>2</sup> to 2.5 mm <sup>2</sup>
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 <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
Wire connection method	Screw connection

### output

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 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
Protection degree	IP20
Short-circuit protection	Yes
Standards	DIN EN 50178, DIN EN 60950, IEC950
Status indication	Green LED

### 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
-------------------	------------------

### Signalling

Status indication	Green LED
-------------------	-----------

### Approvals

Institute (CSA)



Certificate No. (CSA)

200039-1753918CB

Institute (cULus)



Certificate no. (cULus)

E196651

### 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

### Downloads

Engineering Data

[EPLAN, WSCAD](#)

### Classifications

ETIM 3.0	EC001039
ETIM 4.0	EC002541
ETIM 5.0	EC002541
ETIM 6.0	EC002540
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
eClass 8.1	27-04-90-04
eClass 9.0	27-04-07-03
eClass 9.1	27-04-07-01

## Approvals

Approvals



ROHS

Conform

UL File Number Search

**E196651**

There are no products in this group.