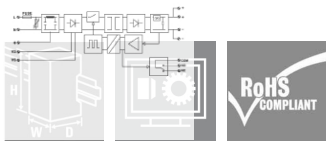


CP SNT 160W 24-28V 6.5A



Electric symbol

General ordering data

Delivery status

This article will no longer be available in the future.

Available until

2015-06-30

Alternative product

1478120000

Type

CP SNT 160W 24-28V 6.5A

Order No.

9925340024

Version

Power supply, switch-mode power supply unit, 24 V

GTIN (EAN)

4032248217748

Qty.

1 pc(s).

Dimensions and weights

Width

57 mm

Width (inches)

2.244 inch

Height

127 mm

Height (inches)

5 inch

Depth

175 mm

Depth (inches)

6.89 inch

Weight

880 g

Net weight

958.1 g

Temperatures

Humidity at operating temperature

20 to 85% RH without condensation

Humidity at storage temperature	20 to 90% RH without condensation
Operating temperature	0 °C...50 °C
Storage temperature	-40 °C...85 °C

Input

Connection range	AWG 26-12 / 0.13 to 4.0 mm ²
Connection system	Screw connection
DC input voltage range	80...370 V DC
Input current	2.9 A @ 115 V AC; 1.45 A @ 230 V AC
Input frequency	50/ 60 Hz
Input fuse	6.3 A time-lag fuse (internal)
Input voltage (voltage mode input)	min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC
Overload current protection	Thermistor
Surge protection	Varistor
Wire connection method	Screw connection

output

Connection range	AWG 26-12 / 0.13 to 4.0 mm ²
Control at 10...100% load	1%
Control at input voltage	0.5%
Mains failure bridge-over time	40 ms @ 115 V AC / 50 ms @ 230 V AC
Max. capacitance at output	6000 µF
Max. residual ripple	0.2 % _{eff}
Output current	6.5 A
Output power	156 W
Output voltage	24 V
Output voltage	24...28 V
Output voltage type	DC
Overload protection	Overload current and surge protection
Parallel connection option	No
Rated output voltage	24 V DC ± 1 %
Surge protection	Varistor
Wire connection method	Screw connection

General data

Building Width	57 mm
Building height	127 mm
Degree of efficiency at max. load	85%

Depth	175 mm
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Low Voltage Directive	73/ 23/ EWG
Mounting position, installation notice	horizontally, on terminal rail TS 35
Operating temperature	0 °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
Switching frequency	65 kHz
Weight	880 g

Insulation coordination

Humidity at operating temperature	20 to 85% RH without condensation
Humidity at storage temperature	20 to 90% RH without condensation
electrical isolation, I/O rail	3 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)

200039-1753935CB

Institute (cULus)



Certificate no. (cULus)

E196651

Product information

Descriptive text technical data

Derating loss: 10% @ 60°C
The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.

Descriptive text accessories

Bracket for wall mounting: 7920560000

Downloads

Approval/Certificate/Document of
Conformity

[ECC2534_02_09.pdf](#)

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](#)

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