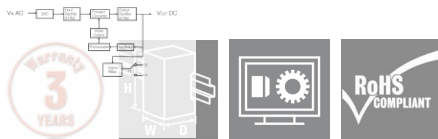


CP SNT 250W 24V 10A



Electric symbol

General ordering data

| | |
|---------------------|--|
| Delivery status | This article will no longer be available in the future. |
| Available until | 2016-01-01 |
| Alternative product | 1469490000 |
| Type | CP SNT 250W 24V 10A |
| Order No. | 8708680000 |
| Version | Power supply, switch-mode power supply unit, 24 V |
| GTIN (EAN) | 4032248380848 |
| Qty. | 1 pc(s). |

Dimensions and weights

| | |
|-----------------|------------|
| Width | 125.5 mm |
| Width (inches) | 4.941 inch |
| Height | 125 mm |
| Height (inches) | 4.921 inch |
| Depth | 110 mm |
| Depth (inches) | 4.331 inch |
| Weight | 1.6 kg |
| Net weight | 1,600.6 g |

Temperatures

| | |
|-----------------------|------------------------------------|
| Operating temperature | -10 °C...70 °C (Derating ab 55 °C) |
|-----------------------|------------------------------------|

Storage temperature -20 °C...85 °C

Input

Connection range AWG 26-12 / 0.13 to 4.0 mm²
Connection system Screw connection
DC input voltage range 80...370 V DC
Input current 3.6 A @ 115 V AC / 2 A @ 230 V AC
Input frequency 50/ 60 Hz
Input fuse Fusible link 5 A (T) / 250 V
Input fuse (internal) Yes
Input voltage (voltage mode input) 88...132 V AC/176...264 V AC selectable;
250...370 V DC
Recommended back-up fuse 6 - 10 A Char. C, circuit breaker
Surge protection Varistor
Wire connection method Screw connection

output

Connection range AWG 26-12 / 0.13 to 4.0 mm²
Control at 10...100% load <2%
Control at input voltage 0.5%
Mains failure bridge-over time 10 ms @ 115 V AC / 15 ms @ 230 V AC
Max. capacitance at output 40000 µF
Max. residual ripple < 100 mV_{PP} / bandwidth 20 MHz
Output current 0.1...10 A
Output power 240 W
Output voltage 24 V
Output voltage 24...28 V (adjustable via potentiometer)
Output voltage type DC
Overload protection 105 %..130 % I_{const} of max. output load;
automatic reset
Parallel connection option Recommended with diode module
Status relay / CO contact 250 V AC (max. 30 V DC) / 1 A
Surge protection 30...36 V
Wire connection method Screw connection

General data

Building Width 125.5 mm
Building height 125 mm
Degree of efficiency at max. load 84% @ 230 V AC

| | |
|--|---|
| Depth | 100 mm |
| EMC standards | EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3 |
| Installation advice | Clearance: above/below ≥ 3 cm |
| Low Voltage Directive | 73/ 23/ EWG |
| Mounting position, installation notice | horizontally, on terminal rail TS 35 |
| Operating temperature | -10 °C...70 °C (Derating ab 55 °C) |
| Protection degree | IP20 |
| Short-circuit protection | Yes |
| Standards | DIN EN 60950 (SELV) |
| Status indication | Green LED |
| Weight | 1.6 kg |

Insulation coordination

| | |
|------------------------------------|--------|
| 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 (GERMLLOYD)



Certificate No. (GERMLLOYD)

44943-07

Institute (cULus)



Certificate no. (cULus)

E258476

Institute (cURus)



Certificate No. (cURus)

E255651

Product information

Descriptive text ordering data

The internal varistor found in a switch-mode power supply does not replace the need for surge protection within a system.

Descriptive text technical data

For redundancy operation or to maintain the alert function, only operate with the

diode module.

Downloads

Engineering Data

[EPLAN, WSCAD](#)

User Documentation

[Information zur Gewährleistung](#)

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

[E258476](#)

Related products:

Products available on request