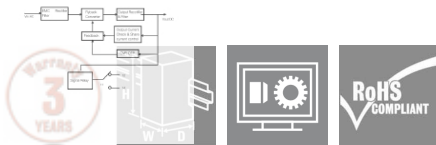


CP SNT 70W 24V 3A



Electric
symbol

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2014-12-31
Alternative product	1469470000
Type	CP SNT 70W 24V 3A
Order No.	8708660000
Version	Power supply, switch-mode power supply unit, 24 V
GTIN (EAN)	4032248380824
Qty.	1 pc(s).

Dimensions and weights

Width	55.5 mm
Width (inches)	2.185 inch
Height	125 mm
Height (inches)	4.921 inch
Depth	110 mm
Depth (inches)	4.331 inch
Weight	0.55 kg
Net weight	503.7 g

Temperatures

Operating temperature	-10 °C...70 °C (Derating ab 55 °C)
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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 2 A @ 100...240 V AC
Input frequency 50/ 60 Hz
Input fuse Fusible link 2.5 A (T) / 250 V
Input fuse (internal) Yes
Input voltage (voltage mode input) 85...264 V AC / 110...370 V DC
Recommended back-up fuse 3 - 5 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 / 20 ms @ 230 V AC
Max. capacitance at output 40000 µF
Max. residual ripple < 100 mV_{PP} / bandwidth 20 MHz
Output current 3 A
Output power 72 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 29...34 V
Wire connection method Screw connection

General data

Building Width 55.5 mm
Building height 125 mm
Degree of efficiency at max. load 80%
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)
Power factor correction	No
Protection degree	IP20
Short-circuit protection	Yes
Standards	DIN EN 60950 (SELV)
Status indication	Green LED
Weight	0.55 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
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Signalling

Status indication	Green LED
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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



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