

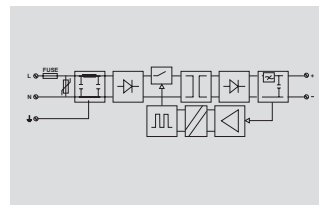
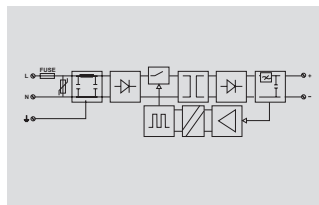
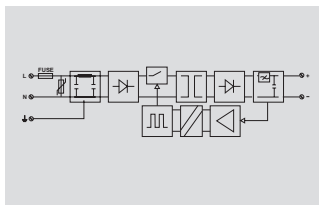
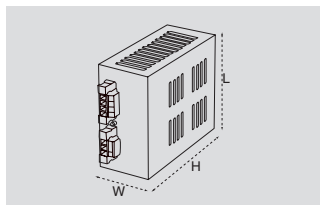
Switch-mode power supplies

Connect power 1-phase INSTA

CP SNT 24W 28V 1A

CP SNT 24W 24V 1A

CP SNT 24W 15V 1.5A



Technical data

Input

Input voltage
Input current
Frequency
Making current limit
Input fuse
Overvoltage protection

85...265 Vac, 120...300 Vdc
460 mA @ 115 Vac; 250 mA @ 230 Vac
50/ 60 Hz
Thermistor
2A slow fuse (internal)
Varistor

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460 mA @ 115 Vac; 250 mA @ 230 Vac
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460 mA @ 115 Vac; 250 mA @ 230 Vac
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Thermistor
2A slow fuse (internal)
Varistor

Output

Output voltage
Output current
Max. output power
Residual ripple
Overload protection
Overvoltage protection
Mains failure bridge-over time at 115 Vac
Mains failure bridge-over time at 230 Vac
Control at 10...100% load
Max. capacitance at output

28 Vdc
1 A
28W
< 0.2 %
Overvoltage / -thermal switch-off
Varistor
35ms
160ms
0.5 %
8000 µF

24 Vdc
1 A
24W
< 0.2 %
Overvoltage / -thermal switch-off
Varistor
35ms
160ms
0.5 %
8000 µF

15 Vdc
1.5 A
22.50W
< 0.2 %
Overvoltage / -thermal switch-off
Varistor
35ms
160ms
0.5 %
8000 µF

Insulation coordination

Galvanic isolation output-earth
Galvanic isolation input-earth
Galvanic isolation input-output
Galvanic isolation input/output-rail

500 V RMS
1.5 kV RMS
3 kV RMS
4 kV RMS

500 V RMS
1.5 kV RMS
3 kV RMS
4 kV RMS

500 V RMS
1.5 kV RMS
3 kV RMS
4 kV RMS

General data

Operation temperature
Storage temperature
Degree of efficiency
Standards
Approvals
EMC standards

-20 °C...+50 °C
-40 °C...+85 °C
78%
EN 50178, EN 60950, IEC950
CSA / UL/UR / CE
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1

-20 °C...+50 °C
-40 °C...+85 °C
78%
EN 50178, EN 60950, IEC950
CSA / UL/UR
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1

-20 °C...+50 °C
-40 °C...+85 °C
78%
EN 50178, EN 60950, IEC950
CSA / UL/UR / CE
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1

Clamping range (rating- / min. / max.) mm²
Length x width x height mm

Screw connection
4 / 0.10 / 4
90.5 x 52.0 x 62.5
Derating: 33% @ 60 °C

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Screw connection
4 / 0.10 / 4
90.5 x 52.0 x 62.5
Derating: 33% @ 60 °C

Ordering data

Type	(Qty.=1)	Order No.
CP SNT 24W 28V 1A		9928890028

Type	(Qty.=1)	Order No.
CP SNT 24W 24V 1A		9928890024

Type	(Qty.=1)	Order No.
CP SNT 24W 15V 1.5A		9928890015

Information

Accessories

Information