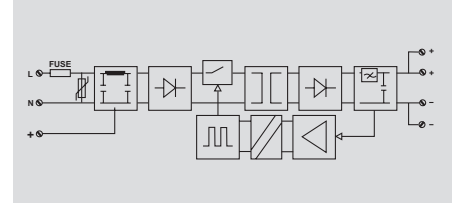
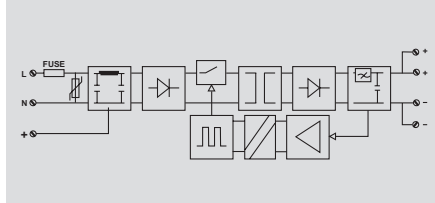
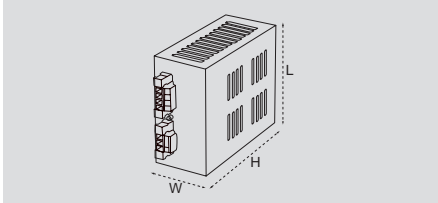


# Switch-mode power supplies

## Connect power 1-phase

### CP SNT 55W 48V 1.04A

### CP SNT 55W 24-28V 2.3A



### Technical data

#### Input

Input voltage  
Input current  
Frequency  
Input fuse  
Overvoltage protection

85...265 Vac, 120...300 Vdc  
1.1 A @ 115 Vac; 0.55 A @ 230 Vac  
50/ 60 Hz  
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  
Possibility of parallel connection

48 Vdc  
1.04 A  
50W  
< 50 mV RMS  
Overvoltage / -thermal switch-off  
Varistor  
30ms  
180ms  
1%  
No

#### 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  
3 kV RMS

#### General data

Operation temperature  
Storage temperature  
Degree of efficiency  
Status display  
Standards  
EMC standards  
Power factor correction  
Approvals

-20 °C...+40 °C  
-40 °C...+85 °C  
78%  
LED green  
EN 50178, EN 60950, IEC950  
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1  
No  
CSA / UL/UR / CE

85...265 Vac, 120...300 Vdc  
1.1 A @ 115 Vac; 0.55 A @ 230 Vac  
50/ 60 Hz  
2A slow fuse (internal)  
Varistor

24...28 Vdc  
2.3 A  
55W  
< 50 mV RMS  
Overvoltage / -thermal switch-off  
Varistor  
30ms  
180ms  
1%  
No

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

-20 °C...+40 °C  
-40 °C...+85 °C  
78%  
LED green  
EN 50178, EN 60950, IEC950  
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1  
No  
CSA / UL/UR / CE / cURus / cCSAusUL/LIST

#### Screw connection

Clamping range (rating- / min. / max.) mm<sup>2</sup>  
Length x width x height mm

4 / 0.10 / 4  
98.0 x 57.0 x 131.0

#### Information

Derating: 2.1A/ 24V @ 50 °C; 1.5A/ 24V @ 60 °C

#### Screw connection

4 / 0.10 / 4  
98.0 x 57.0 x 131.0

Derating: 2.1A/ 24V @ 50 °C; 1.5A/ 24V @ 60 °C

### Ordering data

Type	Qty.	Order No.
CP SNT 55W 48V 1.04A	1	9927480048

Type	Qty.	Order No.
CP SNT 55W 24-28V 2.3A	1	9927480024

#### Information

### Accessories

#### Information

Assembly angle for wall mounting: 7920560000

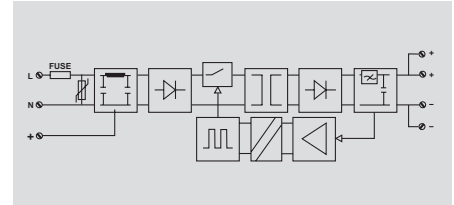
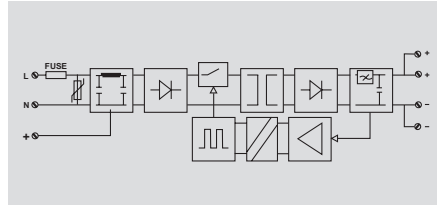
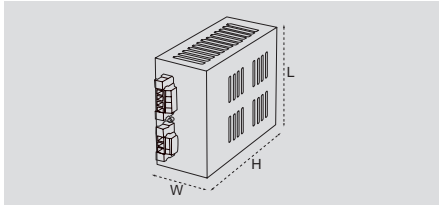
Assembly angle for wall mounting: 7920560000

# Switch-mode power supplies

## Connect power 1-phase

### CP SNT 55W 12-15V 3A

### CP SNT 55W 5V 3A



#### Technical data

##### Input

Input voltage  
Input current  
Frequency  
Input fuse  
Overvoltage protection

85...265 Vac, 120...300 Vdc  
1.1 A @ 115 Vac; 0.55 A @ 230 Vac  
50/ 60 Hz  
2A slow fuse (internal)  
Varistor

85...265 Vac, 120...300 Vdc  
1.1 A @ 115 Vac; 0.55 A @ 230 Vac  
50/ 60 Hz  
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  
Possibility of parallel connection

12...15 Vdc  
3 A  
36W  
< 50 mV RMS  
Overvoltage / -thermal switch-off  
Varistor  
30ms  
180ms  
1%  
No

5 Vdc  
3 A  
15W  
< 50 mV RMS  
Overvoltage / -thermal switch-off  
Varistor  
30ms  
180ms  
1%  
No

##### 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  
3 kV RMS

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

##### General data

Operation temperature  
Storage temperature  
Degree of efficiency  
Status display  
Standards  
EMC standards  
Power factor correction  
Approvals

-20 °C...+40 °C  
-40 °C...+85 °C  
78%  
LED green  
EN 50178, EN 60950, IEC950  
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1  
No  
CSA / UL/UR / CE

-20 °C...+40 °C  
-40 °C...+85 °C  
78%  
LED green  
EN 50178, EN 60950, IEC950  
EN 50081-1, 2; IEC 61000-6-2, 3; EN 50082-1  
No  
CSA / UL/UR / CE

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

mm<sup>2</sup>  
mm

##### Screw connection

4 / 0.10 / 4  
98.0 x 57.0 x 131.0

##### Screw connection

4 / 0.10 / 4  
98.0 x 57.0 x 131.0

##### Information

Derating: 2.1A/ 24V @ 50 °C; 1.5A/ 24V @ 60 °C

Derating: 2.1A/ 24V @ 50 °C; 1.5A/ 24V @ 60 °C

#### Ordering data

Type	Qty.	Order No.
CP SNT 55W 12-15V 3A	1	9927480012

Type	Qty.	Order No.
CP SNT 55W 5V 3A	1	9927480005

##### Information

#### Accessories

##### Information

Assembly angle for wall mounting: 7920560000

Assembly angle for wall mounting: 7920560000

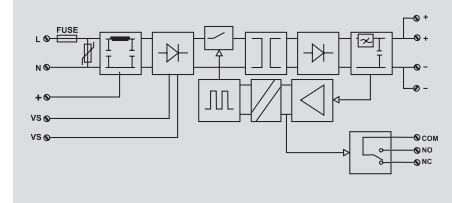
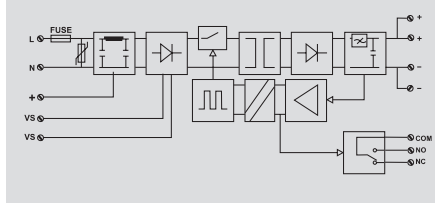
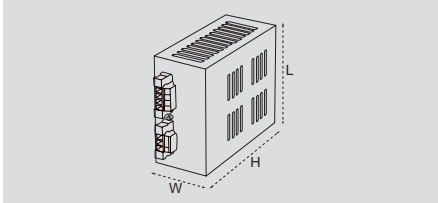
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Delivery times see page X.2

# Switch-mode power supplies

## Connect power 1-phase

### CP SNT 160W 48V 3.5A

### CP SNT 160W 24-28V 6.5A



### Technical data

#### Input

Input voltage  
Input current  
Frequency  
Input fuse  
Overvoltage protection

min. 85/138 Vac, max. 195/250 Vac, typ. 115...230 Vac  
2.9 A @ 115 Vac; 1.45A @ 230 Vac  
50/ 60 Hz  
6.3 A slow fuse (internal)  
Varistor

min. 85/138 Vac, max. 195/250 Vac, typ. 115...230 Vac  
2.9 A @ 115 Vac; 1.45A @ 230 Vac  
50/ 60 Hz  
6.3 A 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  
Possibility of parallel connection

48 Vdc  
3.5 A  
168W  
0.2 % RMS  
Overcurrent and overvoltage protection  
Varistor  
40ms  
50ms  
1%  
no

24...28 Vdc  
6.5 A  
156W  
0.2 % RMS  
Overcurrent and overvoltage protection  
Varistor  
40ms  
50ms  
1%  
no

#### 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  
3 kV RMS

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

#### General data

Operation temperature  
Storage temperature  
Degree of efficiency  
Status display  
Standards  
EMC standards  
Power factor correction  
Approvals

0 °C...+50 °C  
-40 °C...+85 °C  
85%  
LED green  
EN 50178, EN 60950, IEC950  
EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3  
no  
CSA / UL/UR / CE

0 °C...+50 °C  
-40 °C...+85 °C  
85%  
LED green  
EN 50178, EN 60950, IEC950  
EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3  
no  
CSA / UL/UR / CE

Clamping range (rating- / min. / max.) mm<sup>2</sup>  
Length x width x height mm

#### Screw connection

4 / 0.10 / 4  
127.0 x 57.0 x 175.0

#### Screw connection

4 / 0.10 / 4  
127.0 x 57.0 x 175.0

#### Information

Derating: 10% @ 60 °C

Derating: 10% @ 60 °C

### Ordering data

Type	Qty.	Order No.
CP SNT 160W 48V 3.5A	1	9925340048

Type	Qty.	Order No.
CP SNT 160W 24-28V 6.5A	1	9925340024

#### Information

### Accessories

#### Information

Assembly angle for wall mounting: 7920560000

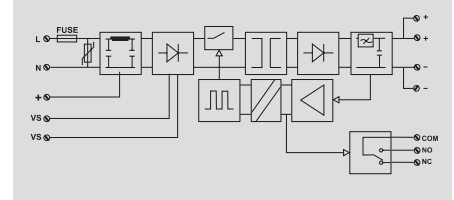
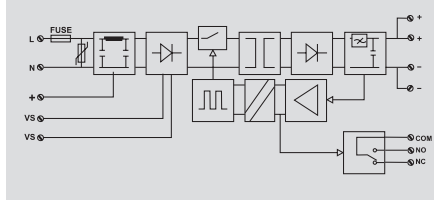
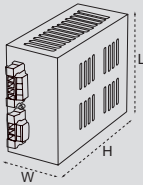
Assembly angle for wall mounting: 7920560000

# Switch-mode power supplies

## Connect power 1-phase

### CP SNT 160W 12-15V 8A

### CP SNT 160W 5V 8A



### Technical data

#### Input

Input voltage  
Input current  
Frequency  
Input fuse  
Overvoltage protection

min. 85/138 Vac, max. 195/250 Vac, typ. 115...230 Vac  
2.9 A @ 115 Vac; 1.45A @ 230 Vac  
50/ 60 Hz  
6.3 A slow fuse (internal)  
Varistor

min. 85/138 Vac, max. 195/250 Vac, typ. 115...230 Vac  
2.9 A @ 115 Vac; 1.45A @ 230 Vac  
50/ 60 Hz  
6.3 A 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  
Possibility of parallel connection

12...15 Vdc  
8 A  
96W  
0.2 % RMS  
Overcurrent and overvoltage protection  
Varistor  
40ms  
50ms  
1%  
no

5 Vdc  
8 A  
40W  
0.2 % RMS  
Overcurrent and overvoltage protection  
Varistor  
40ms  
50ms  
1%  
no

#### 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  
3 kV RMS

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

#### General data

Operation temperature  
Storage temperature  
Degree of efficiency  
Status display  
Standards  
EMC standards  
Power factor correction  
Approvals

0 °C...+50 °C  
-40 °C...+85 °C  
85%  
LED green  
EN 50178, EN 60950, IEC950  
EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3  
no  
CSA / UL/UR / CE

0 °C...+50 °C  
-40 °C...+85 °C  
85%  
LED green  
EN 50178, EN 60950, IEC950  
EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3  
no  
CSA / UL/UR / CE

Clamping range (rating- / min. / max.) mm<sup>2</sup>  
Length x width x height mm

**Screw connection**  
4 / 0.10 / 4  
127.0 x 57.0 x 175.0

**Screw connection**  
4 / 0.10 / 4  
127.0 x 57.0 x 175.0

#### Information

Derating: 10% @ 60 °C

Derating: 10% @ 60 °C

### Ordering data

Type	Qty.	Order No.
CP SNT 160W 12-15V 8A	1	9925340012

Type	Qty.	Order No.
CP SNT 160W 5V 8A	1	9925340005

#### Information

### Accessories

#### Information

Assembly angle for wall mounting: 7920560000

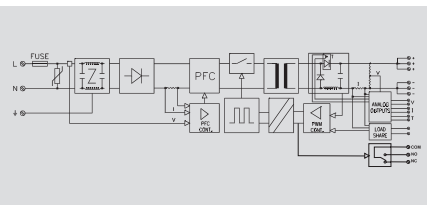
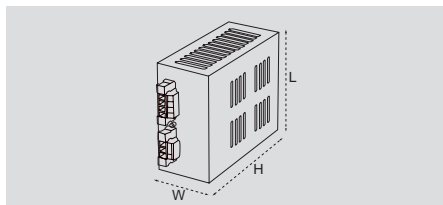
Assembly angle for wall mounting: 7920560000

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Delivery times see page X.2

# Switch-mode power supplies

## Connect power 1-phase

## CP SNT 300W 24V 12.5A



### Technical data

#### Input

Input voltage	86...265 Vac, 100...200 Vdc; type 115...230 Vac
Input current	3.3 A @ 115 Vac; 1.65 A @ 230 Vac
Frequency	50/ 60 Hz
Input fuse	Thermistor
Overvoltage protection	Varistor

#### Output

Output voltage	Adjustable, 22-28 Vdc
Output current	12.5 A
Max. output power	300W
Residual ripple	at 120 Hz: 20 mVac RMS; at 100 kHz: 2 MV Vss
Overload protection	Overcurrent and overvoltage protection
Overvoltage protection	Varistor
Mains failure bridge-over time at 115 Vac	40ms
Mains failure bridge-over time at 230 Vac	40ms
Control at 10...100% load	0.2 %
Possibility of parallel connection	up to 5 power supplies, active current division
Signaling delay	2 sec.
Monitoring function	output voltage, -current, temperature

#### Insulation coordination

Galvanic isolation output-earth	500 V RMS
Galvanic isolation input-earth	1.5 kV RMS
Galvanic isolation input-output	3 kV RMS
Galvanic isolation input/output-rail	4 kV RMS

#### General data

Operation temperature	-15 °C...+50 °C (at 100 % ED)
Storage temperature	-40 °C...+85 °C
Degree of efficiency	80%
Status display	Current limiting: LED yellow / Error: LED red / On: LED green
Standards	EN 50178, EN 60950, IEC950
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Power factor correction	PFC passive
Derating	Derating: 20% @ 60 °C

Clamping range (rating- / min. / max.)	mm <sup>2</sup>	4 / 0.10 / 4
Length x width x height	mm	155.0 x 240.0 x 101.0

#### Information

### Ordering data

Type	Qty.	Order No.
CP SNT 300W 24V 12.5A	1	9916250024

#### Information

### Accessories

Information	Assembly angle for wall mounting: 7920560000
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