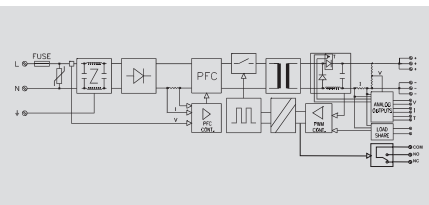
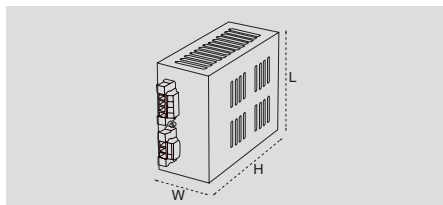


# Switch-mode power supplies

## 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>
Length x width x height	mm

#### Information

#### Screw connection

	4 / 0.10 / 4
	155.0 x 240.0 x 101.0

### Ordering data

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

#### Information

### Accessories

#### Information

Assembly angle for wall mounting: 7920560000