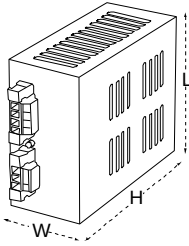


Switchmode power supplies



Approvals:

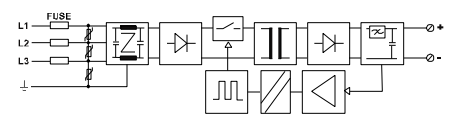
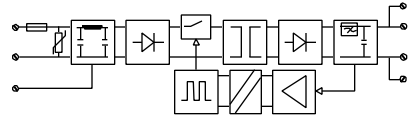


Diagram/schematic circuit diagram

CP-SNT 55W



CP-SNT 55W
3 Phase Input



Ordering data

Output voltage/max. current

Technical data

Input voltage	Minimum
	Typical
	Maximum
Input current	at 115 Vac
	at 360 Vac
(Average values for reference only)	
	at 230 Vac
	at 125 Vdc
	at 250 Vdc
Input protection	Fuse
	Inrush Current
	Overvoltage
Switching frequency	
Efficiency at max. load	
Max. ripple	
Regulation	load (10-100% load)
	at Input voltage
Overload protection	
Max. capacity at output	
Hold time	at 115 Vac
	at 360 Vac
(Max. output current following input loss)	at 230 Vac
	at 480 Vac
Storage temperature	
Operating temperature	
Humidity	Operating temperature
	Storage temperature
Galvanic isolation	Input-output
	Input/output to mounting rail
	Input to ground
	Output to ground
Wire diameter	
Dimensions (L x W x H)	
Weight	
Mounts on mounting rail	

Type

CP-SNT 55 W	Part No.
24 Vdc-28 Vdc / 2.3 A	9927480024
48 Vdc / 1.04 A	9927480048
12 Vdc - 15 Vdc / 3 A	9927480012
5 Vdc / 3 A	9927480005

85 Vac, 120 Vdc
115-230 Vac $\pm 10\%$, 50/60 Hz
265 Vac, 300 Vdc
1.10 A RMS $\pm 20\%$
0.55 A RMS $\pm 20\%$
590 mA $\pm 20\%$
315 mA $\pm 20\%$
2 A slow fuse (internal)
Thermistor
Varistor
100 kHz PWM
78%
<50 mV RMS
1.0%
0.8%
Overcurrent shutdown with automatic restart plus thermal shutdown
10 000 μ F
30 ms
180 ms
-40 °C...+85 °C
-20 °C...+40 °C full rated load
Derate: 24 V-2.1 A at 50 °C, 24 V-1.5 A at 60 °C
20...85% RH non-condensing
20...90% RH
3 kV RMS
3 kV RMS
1.5 kV RMS
500 V RMS
26...12 AWG (0.1...4.0 mm ²)
98 x 57 x 131 mm (3.86 x 2.24 x 5.16 in.)
478 g (1.05 lbs.)
TS 35

Type

CP-SNT 55 W	Part No.
24 Vdc / 2.3 A	9917790324

306 Vac
360 - 480 Vac
550 Vac
120 mA RMS / Phase
100 mA RMS / Phase
3 x 1A slow fuse (internal)
Thermistor
Varistor
100 kHz
85%
<50 mV RMS
1.0%
0.8%
Overcurrent shutdown with automatic restart plus thermal shutdown
10 000 μ F
120 ms
120 ms
-40 °C...+85 °C
0 °C...+50 °C full rated load
Derate: 10% at 60 °C
20...85% RH non-condensing
20...90% RH non-condensing
3 kV
3 kV
1.5 kV
500 V
26...12 AWG (0.1...4.0 mm ²)
108 x 60 x 168 mm (4.25 x 2.36 x 6.61 in.)
526 g (1.16 lbs.)
TS 35

Approvals/certifications

Accessories

Chassis Mounting Kit

CSA, UL 508 Listed, CE
CSA Class 1 Div 2 for 9927480012 and 9927480024
UL Class 1 Div 2 for 9927480024

Part No.
7920560000

cUL, UL 508 Listed, CE

Part No.
7920560000