

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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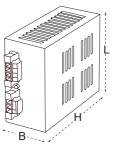




Power Supplies



Primary switched-mode power supplies



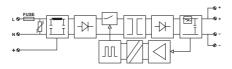
Diagram/schematic circuit diagram

CP-SNT 55W

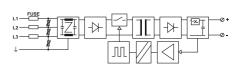


CP-SNT 55W





Cat. No.



Minimum typical Maximum at 115 Vac at 1360 Vac at 230 Vac at 250 Vdc Fuse ruse cing current Divervoltage	CP-SNT 55 W 24 Vdc-28 Vdc 48 Vdc / 1.04 A 12 Vdc - 15 Vd 5 Vdc / 3 A 85 Vac, 120 Vd 115-230 Vac ± 265 Vac, 300 V 1.10 A RMS ± 2 0.55 A RMS ± 2 590 mA ± 20% 315 mA ± 20% 2 A slow fuse (ir Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage swithermal switch-c 10 000 µF
typical Maximum at 115 Vac at 360 Vac at 230 Vac at 125 Vdc at 250 Vdc Fuse Fuse king current Divervoltage	48 Vdc / 1.04 A 12 Vdc - 15 Vd 5 Vdc / 3 A 85 Vac, 120 Vd 115-230 Vac ± 265 Vac, 300 V 1.10 A RMS ± 2 0.55 A RMS ± 2 590 mA ± 20% 2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% -50 mV RMS 1.0% 0.8% Overvoltage swit thermal switch-or
typical Maximum at 115 Vac at 360 Vac at 230 Vac at 125 Vdc at 250 Vdc Fuse Fuse king current Divervoltage	12 Vdc - 15 Vdc 5 Vdc / 3 A 85 Vac, 120 Vd 115-230 Vac ± 265 Vac, 300 V 1.10 A RMS ± 2 0.55 A RMS ± 2 590 mA ± 20% 2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% -50 mV RMS 1.0% 0.8% Overvoltage swit thermal switch-or
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at 360 Vac at 230 Vac at 125 Vdc at 250 Vdc Fuse king current Overvoltage	0.55 A RMS ± 2 590 mA ± 20% 315 mA ± 20% 2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage switthermal switch-or
at 230 Vac at 125 Vdc at 250 Vdc Fuse king current Overvoltage	590 mA ± 20% 315 mA ± 20% 2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage swithermal switch-or
at 125 Vdc Fuse king current Divervoltage	590 mA ± 20% 315 mA ± 20% 2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage swithermal switch-or
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Fuse king current Dvervoltage	2 A slow fuse (in Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% Overvoltage swithermal switch-co
ving current Overvoltage	Thermistor Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage switthermal switch-overvoltage sw
Overvoltage 100% load)	Varistor 100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage switthermal switch-overvoltage switch
100% load)	100 kHz PWM 78% <50 mV RMS 1.0% 0.8% Overvoltage switthermal switch-overvoltage switthermal switch-overvoltage switthermal switch-overvoltage switthermal switch-overvoltage switthermal switch-overvoltage
	78% <50 mV RMS 1.0% 0.8% Overvoltage switchermal switch-order
	<50 mV RMS 1.0% 0.8% Overvoltage switchermal switch-co
	1.0% 0.8% Overvoltage switchermal switch-or
	0.8% Overvoltage switch-control thermal switch-control
put voltage	Overvoltage switch-control
	thermal switch-o
	10 000 uF
at 115 Vac	30 ms
at 360 Vac	
at 230 Vac	180 ms
at 480 Vac	
	-40 °C+85 °C
	-20 °C+40 °C
	Derating: 24 \
emperature	20 - 85% RH w
emperature	20 - 90% RH
nput-output	3 kV RMS
ounting rail	3 kV RMS
	1.5 kV RMS
out to earth	500 V RMS
	26-12 AWG (0.1
	98 x 57 x 131
	478 g
	TS 35
	CSA, UL, CE
1	put to earth put to earth

Mounting bracket for mounting on a wall

CP-SNT 55 W	
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 ±10 %, 50/60 I	Hz
265 Vac, 300 Vdc	
1.10 A RMS ± 20%	
0.55 A RMS ± 20%	
590 mA ± 20%	
315 mA ± 20%	
2 A slow fuse (internal)	
Thermistor	
Varistor	
100 kHz PWM	
78%	
<50 mV RMS	
1.0%	
0.8%	
Overvoltage switch-off with au	utomatic reset plus
thermal switch-off	
10 000 μF	
30 ms	
180 ms	
-40 °C+85 °C	
-20 °C+40 °C max. full rated	
	50 °C, 24 V-1.5 A at 60 °C
20 - 85% RH w/o condensation	on
20 - 90% RH	
3 kV RMS	
3 kV RMS	
1.5 kV RMS	
500 V RMS	
26-12 AWG (0.1-4.0 mm²)	
98 x 57 x 131	
478 g	
TS 35	
CSA, UL, CE	
	Cat No.
	Cat. No.
	7920560000

T	O-+ NI-
Type	Cat. No.
CP-SNT 55 W	
24 Vdc / 2.3 A	9917790324
306 Vac	
360 - 480 Vac	
550 Vac	
120 mA RMS / Phase	
100 mA RMS / Phase	
0 4.4	
3 x 1A slow fuse (internal)	
Thermistor	
Varistor	
100 kHz	
85%	
<50 mV RMS	
1.0%	
0.8%	
Overvoltage switch-off with auto	matic reset plus
thermal switch-off	
10 000 μF	
120 ms	
120 ms	
-40 °C+85 °C	
0 °C+50 °C max. full rated load	b
Derating: 10% at 60 °C	
20 - 85% RH w/o condensation	
20 - 90% RH w/o condensation	
3 kV	
3 kV	
1.5 kV	
500 V	
26-12 AWG (0.1-4.0 mm²)	
108 x 60 x 168	
526 g	
TS 35	
cUL, UL, CE	
<u> </u>	
	Cat. No.

Power supplies