



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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General ordering data

Order No.	8708680000
Part designation	CP SNT 250W 24V 10A
Version	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)
EAN	4032248380848
Qty.	1 pc(s).

Input

Connection system	Screw connection
Input current	3.6 A @ 115 V AC / 2 A @ 230 V AC
Input frequency	50/ 60 Hz
Input fuse	Fusible link 5 A (T) / 250 V
Input voltage	88...132 V AC/176...264 V AC selectable; 250...370 V DC
Max. connection range	AWG26-12 (0.1-4.0 mm ²)
Surge protection	Varistor

output

Connection system	Screw connection
Control at 10...100% load	< 2 %
Control at input voltage	0.5 %
Mains failure bridge-over time	10 ms @ 115 V AC / 15 ms @ 230 V AC
Mains failure bridge-over time for 115 V AC	10 ms
Mains failure bridge-over time for 230 V AC	15 ms
Max. capacitance at output	40000 µF
Max. connection range	AWG26-12 (0.1-4.0 mm ²)
Max. output power	240 W
Max. residual ripple	< 100 mV / bandwidth 20 MHz
Output current	0.1...10 A
Output voltage	24...28 V DC (adjustable with potentiometer)
Overload protection	105 %..130 % I of max. output load; automatic reset

output

Parallel connection option	Recommended with diode module
Status relay / CO contact	250 V AC (max. 30 V DC) / 1 A

General data

DIN Rail compatibility	TS 35
Degree of efficiency at max. load	84 % @ 230 V AC
EMC standards	EN 55011, EN 55022, EN 55024, EN 61000-6-2, 3
Housings	metal
Installation advice	Clearance: above/below ≥ 3 cm
Low Voltage Directive	73/ 23/ EWG
Mounting position horizontal	on terminal rail TS 35
Standards	EN 60950 (SELV)
Status indication	Green LED
Weight	1.6 kg
Ambient temperature (operational)	-10 °C...+70 °C (derating from 55 °C)
Storage temperature	-20 °C...+85 °C

Insulation coordination

Galvanic isolation, input-earth	1.5 kV
Galvanic isolation, input-output	3 kV
Galvanic isolation, output-earth	0.5 kV
Protection class	IP 20

Approvals

Approvals institutes



Classifications

eClass 4.1	27-24-04-10
eClass 5.0	27-24-22-13
eClass 5.1	27-04-90-02

Similar products

Order No.	Part designation	Version
8862780000	CP SNT 1000W 24V 40A	Switched-mode power supplies, 85...264 V AC , single-phase, 24...28 V DC (adjustable with potentiometer)
8708660000	CP SNT 70W 24V 3A	Switched-mode power supplies, 85...264 V AC / 110...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)
8708670000	CP SNT 120W 24V 5A	Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)

8778870000 CP SNT 500W 24V 20A

Switched-mode power supplies, 88...132 V AC/176...264 V AC selectable; 250...370 V DC , single-phase, 24...28 V DC (adjustable with potentiometer)