



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!



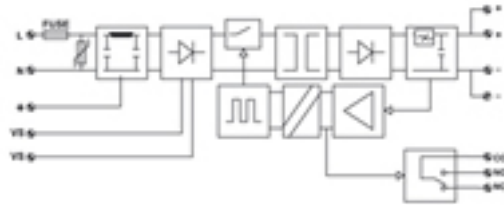
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General ordering data

Order No.	9927480024
Part designation	CP SNT 55W 24-28V 2.3A
Version	Switched-mode power supplies, 85...265 V AC, 120...300 V DC , single-phase, 24...28 V DC
EAN	4032248217595
Qty.	1 pc(s).

Input

Connection system	Screw connection
Input current	1.1 A @ 115 V AC; 0.55 A @ 230 V AC
Input current at 115 Vac	1.10 A RMS +/- 20%
Input current at 125 Vdc	590 mA +/- 20%
Input current at 230 Vac	0.55 A RMS +/- 20%
Input current at 250 Vdc	315 mA +/- 20%
Input frequency	50/ 60 Hz
Input fuse	2 A time-lag fuse (internal)
Input voltage	85...265 V AC, 120...300 V DC
Max. connection range	AWG26-12 (0.1-4.0 mm ²)
Surge protection	Varistor
Turn-on current limit	Thermistor

output

Connection system	Screw connection
Control at 10...100% load	1 %
Control at input voltage	0.8 %
Mains failure bridge-over time for 115 V AC	30 ms
Mains failure bridge-over time for 230 V AC	180 ms
Max. capacitance at output	10000 µF
Max. connection range	AWG26-12 (0.1-4.0 mm ²)
Max. output power	55 V
Max. residual ripple	< 50 mV
Output current	2.3 A
Output voltage	24...28 V DC
Overload protection	/ thermal cut-out

output

Parallel connection option No

General data

DIN Rail compatibility TS 35
 Degree of efficiency at max. load 78 %
 EMC standards IEC 61000-6 /-2, -3
 Housings metal
 Low Voltage Directive 73/ 23/ EWG
 Power factor correction No
 Standards EN 50178, EN 60950, IEC950
 Status indication Green LED
 Switching frequency 100 kHz
 Weight 478 g
 Ambient temperature (operational) -20 °C...+40 °C
 Storage temperature -40 °C...+85 °C

Insulation coordination

Galvanic isolation, I/O rail 3 kV
 Galvanic isolation, input-earth 1.5 kV
 Galvanic isolation, input-output 3 kV
 Galvanic isolation, output-earth 0.5 kV
 Humidity at operating temperature 20 - 85% RH without condensation
 Humidity at storage temperature 20 - 90% RH
 Protection class IP 20

Dimensions

Clamping range, max. 4 mm²
 Clamping range, min. 0.1 mm²
 Clamping range, nom. 4 mm²
 Length 131 mm
 Height 98 mm
 Width 57 mm

Approvals

Approvals institutes



Classifications

ETIM 2.0 EC001039
 ETIM 3.0 EC001039
 eClass 4.1 27-24-04-10
 eClass 5.0 27-24-22-13
 eClass 5.1 27-24-22-13

Similar products

Order No.	Part designation	Version
9925340024	CP SNT 160W 24-28V 6.5A	Switched-mode power supplies, Min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC , single-phase, 24...28 V DC
9916250024	CP SNT 300W 24V 12.5A	Switched-mode power supplies, 86...265 V AC, 100...200 V DC; type 115...230 V AC , single-phase, 22...28 V DC adjustable
9927480005	CP SNT 55W 5V 3A	Switched-mode power supplies, 85...265 V AC, 120...300 V DC , single-phase, 5 V DC
9925340012	CP SNT 160W 12-15V 8A	Switched-mode power supplies, Min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC , single-phase, 12...15 V DC
9927480012	CP SNT 55W 12-15V 3A	Switched-mode power supplies, 85...265 V AC, 120...300 V DC , single-phase, 12...15 V DC
9925340005	CP SNT 160W 5V 8A	Switched-mode power supplies, Min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC , single-phase, 5 V DC
9927480048	CP SNT 55W 48V 1.04A	Switched-mode power supplies, 85...265 V AC, 120...300 V DC , single-phase, 48 V DC
9925340048	CP SNT 160W 48V 3.5A	Switched-mode power supplies, Min. 85/138 V AC, max. 195/250 V AC, typ. 115...230 V AC , single-phase, 48 V DC