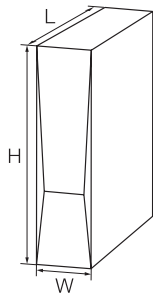


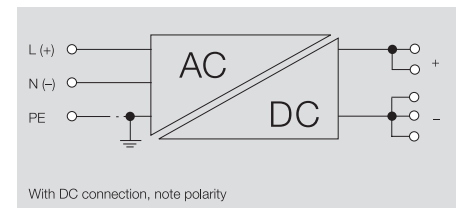
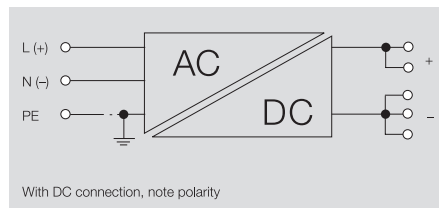
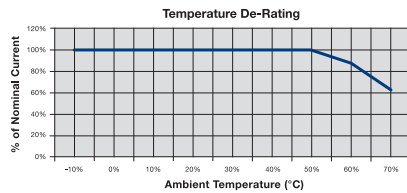
CP M SNT 70W 24V 3A



CP M SNT 120W 24V 5A



Derating Curve



Ordering Data

Type	Part No.
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Type	Part No.
CP M SNT 70W 24V 3A	8951330000

Type	Part No.
CP M SNT 120W 24V 5A	8951340000

Technical Data

Input Specifications
Rated input voltage
AC input voltage range
AC frequency range
DC input voltage range
AC current consumption
DC current consumption
Input fuse (internal)/Inrush current
Circuit Protection

100...240 V AC (wide-range input)
85...264 V AC
47...63 Hz
80...370 V DC
0.80 A @ 230 V AC / 1.5 A @ 115 V AC
0.25 A @ 370 V DC / 1.1 A @ 80 V DC
yes/max. 20 A
2 A / DI, safety fuse
6 A, Char. B, Circuit breaker
2...4 A, Char. C, Circuit breaker

100...240 V AC (wide-range input)
85...264 V AC
47...63 Hz
80...370 V DC
1.3 A @ 230 V AC / 2.4 A @ 115 V AC
0.5 A @ 370 V DC / 1.8 A @ 80 V DC
yes/max. 30 A
4 A / DI, safety fuse
6 A, Char. B, Circuit breaker
3...5 A, Char. C, Circuit breaker

Output Specifications
Rated output voltage
Output voltage
Residual ripple, switching peaks
Rated output current @ V_{rated}
Continuous output current @ 24 V DC
Power boost @ 24 V DC, 60 °C

24 V DC \pm 1 %
22.5...29.5 V DC (adjustable via potentiometer on front)
100 mV _{SS} @ 24 V DC, I_N
3 A @ 55 °C
3.6 A @ 45 °C
3.3 A @ 50 °C
1.8 A @ 70 °C
3.6 A for 1 min, ED=5 %

24 V DC \pm 1 %
22.5...29.5 V DC (adjustable via potentiometer on front)
100 mV _{SS} @ 24 V DC, I_N
5 A @ 55 °C
6.0 A @ 45 °C
5.5 A @ 50 °C
3.1 A @ 70 °C
6 A for 1 min, ED=5 %

General Specifications
Efficiency
Power factor (approx.)
Mains buffering @ I_{rated}
Parallel connection option
Length x Width x Height
Weight

88 % @ 230 V AC / > 85 % @ 115 V AC
> 0.5 @ 230 V AC / > 0.53 @ 115 V AC
> 100 ms @ 230 V AC / > 20 ms @ 100 V AC
yes
125 x 33 x 130
0.69 kg

89 % @ 230 V AC / > 85 % @ 115 V AC
> 0.5 @ 230 V AC / > 0.53 @ 115 V AC
> 100 ms @ 230 V AC / > 20 ms @ 100 V AC
yes
125 x 40 x 130
0.8 kg

Approvals/Certifications

CE, cURus, UL508, CSA22.2 no.107

CE, cURus, UL508, CSA22.2 no.107

Connection Data
Type of connection
Number of terminals
Conductor cross-section, rigid min/max
Conductor cross-section, flexible min/max
Conductor cross-section, AWG/kcmil min/max

Input	Output
Screw connection	Screw Connection
3 for L/N/PE	4 (+/-)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 12

Input	Output
Screw connection	Screw Connection
3 for L/N/PE	5 (+/-)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 26

* Recommendation applies only for AC operation; the max. permissible operating voltage is to be observed in all cases!

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