

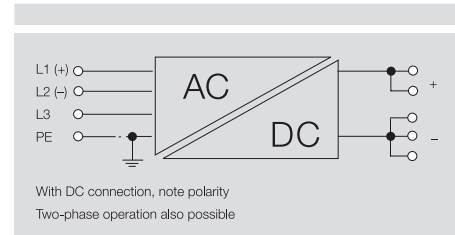
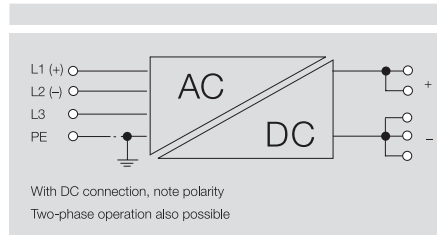
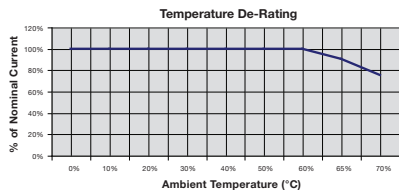
CP M SNT3 120W 24V 5A



CP M SNT3 250W 24V 10A



Derating Curve



Ordering Data

Type	Part No.
CP M SNT3 120W 24V 5A	8951390000

Type	Part No.
CP M SNT3 250W 24V 10A	8951400000

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)	
Circuit Protection	

3 x 400...3 x 500 V AC (wide-range input)
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC
47...63 Hz
450...800 V DC (max. 500 V DC acc. to UL508)
0.25 A @ 3 x 500 V AC / 0.3 A @ 3 x 400 V AC
0.2 A @ 800 V DC / 0.4 A @ 450 V DC
no
2 A / DI, safety fuse
1...2 A, Char. C, Circuit breaker

3 x 400...3 x 500 V AC (wide-range input)
3 x 320...3 x 575 V AC / 2 x 360...2 x 575 V AC
47...63 Hz
450...800 V DC (max. 500 V DC acc. to UL508)
0.5 A @ 3 x 500 V AC / 0.6 A @ 3 x 400 V AC
0.4 A @ 800 V DC / 0.7 A @ 450 V DC
no
2 A / DI, safety fuse
2...3 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 ± 1 %
22.5...29.5 V DC (adjustable via potentiometer on front)
100 mV _{SS} @ 24 V DC, I _N
5 A @ 60 °C
6.0 A @ 45 °C
5.5 A @ 55 °C
3.7 A @ 70 °C
6 A for 1 min, ED=5 %

24 V DC ± 1 %
22.5...29.5 V DC (adjustable via potentiometer on front)
100 mV _{SS} @ 24 V DC, I _N
10 A @ 60 °C
12 A @ 45 °C
11 A @ 55 °C
7.5 A @ 70 °C
12 A for 1 min, ED=5 %

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

90 % @ 3 x 500 V AC / > 90 % @ 3 x 400 V AC
> 0.75 @ 3 x 500 V AC / > 0.78 @ 3 x 400 V AC
> 25 ms @ 3 x 500 V AC / > 20 ms @ 3 x 400 V AC
yes
125 x 40 x 130
0.55 kg

90 % @ 3 x 500 V AC / > 90 % @ 3 x 400 V AC
> 0.75 @ 3 x 500 V AC / > 0.78 @ 3 x 400 V AC
> 25 ms @ 3 x 500 V AC / > 20 ms @ 3 x 400 V AC
yes
150 x 60 x 130
0.9 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	mm ²
Conductor cross-section, flexible min/max	mm ²
Conductor cross-section, AWG/kcmil min/max	

Input	Output
Screw connection	Screw Connection
4 for L1/L2/L3/PE	5 (++)/(-)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 12

Input	Output
Screw connection	Screw Connection
4 for L1/L2/L3/PE	5 (++)/(-)
0.5 / 6	0.5 / 6
0.5 / 2.5	0.5 / 2.5
26 / 12	26 / 12

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

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