

Power Supplies

Part Number:  8951330000



CP-M SNT 70W 24V 3A

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Representative Photo

Technical Data		
Input Specifications		
Rated input voltage	100...240 V AC (wide-range input)	
AC input voltage range	85...264 V AC	
AC frequency range	47...63 Hz	
DC input voltage range	80...370 V DC	
AC current consumption	0.80 A @ 230 V AC / 1.5A @ 115 V AC	
DC current consumption	0.25 A @ 370 V DC / 1.1 A @ 80 V DC	
Input fuse (internal)/Inrush current	yes/max. 20 A	
Circuit Protection	2 A / DI, safety fuse 6 A, Char. B, Circuit breaker 2...4 A, Char. C, Circuit breaker	
Output Specifications		
Rated output voltage	24 V DC \pm 1 %	
Output voltage	22.5...29.5 V DC (adjustable via potentiometer on front)	
Residual ripple, switching peaks	100 mV _{SS} @ 24 V DC, I _N	
Rated output current @ V _{rated}	3 A @ 55 °C	
Continuous output current @ 24 V DC	3.6 A @ 45 °C 3.3 A @ 50 °C 1.8 A @ 70 °C	
Power boost @ 24 V DC, 60 °C	3.6 A for 1 min, ED=5 %	
General Specifications		
Efficiency	88 % @ 230 V AC / > 85 % @ 115 V AC	
Power factor (approx.)	> 0.5 @ 230 V AC / > 0.53 @ 115 V AC	
Mains buffering @ I _{rated}	> 100 ms @ 230 V AC / > 20 ms @ 100 V AC	
Parallel connection option	yes	
Length x Width x Height mm	125 x 33 x 130	
Weight	0.69 kg	
Approvals/Certifications		
	CE, cURus, UL508, CSA22.2 no.107	
Connection Data		
	Input	Output
Type of connection	Screw connection	Screw connection
Number of terminals	3 for L/N/PE	4 (++)
Conductor cross-section, rigid min/max mm ²	0.5 / 6	0.5 / 6
Conductor cross-section, flexible min/max mm ²	0.5 / 2.5	0.5 / 2.5
Conductor cross-section, AWG/kcmil min/max	26 / 12	26 / 12