



DIN RAIL POWER SUPPLY

PARAMETER

RATED VALUE

Single output power	20 W
Input voltage range	100-240 VAC 50/60 Hz
DC output voltage	12 V
DC output current	0~1.67 A
Output ripple and noise	120 mVp-p
Line regulation	±1 %
Load regulation	±1 %
Efficiency	80 %
Adjustable range for DC voltage	±1 %
Test standard	EN60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013 EN55022:2010 EN61000-3-2:2014 EN61000-3-3:2013 EN55024:2010/A1:2015
Inrush current	Cold start current 20 A/ 115 VAC; 40 A/ 230 VAC
Overload protection	105 % ~ 160 % cut off the output, automatic recovery
Over voltage protection	120 % ~ 140 % shut down O/P voltage, off/on cycle required for recovery
Setup, rise, hold up time	500 ms; 30 ms/ 230 VAC at full load; 1000 ms; 30 ms/ 115 VAC at full load
Withstand voltage	I/P-O/P: 1.5 kV; I/P-FG: 1.5 kV; O/P-FG: 0.5 kV 1 minute
Isolation resistance	I/P-O/P I/P-FG O/P-FG: 500 VDC/ 1000 MΩ
Working temperature	-10 °C ~ +50 °C
Mounting options	35 mm DIN Rail
Dimensions	22.5 x 90 x 100 mm
Weight	19 g

