



Model: SP75-YAABB-ZZZS

Notes: Model Designation

75: Max output Wattage.

Y: Generation of the family.

AA: Output voltage A.

BB: Output voltage B or 00
for single output.

ZZZS: Blank or Project # # # # for SP75
customized Model.



SPECIAL FEATURES

- Universal AC Input
- Low Profile
- Remote Sense
- High Efficiency
- Future Dual output design pending.
- Custom modifications available

Standard VOLTAGE / CURRENT Ratings			
Series	Current O/V	Min.	W / Min 9 Cfm air flow
Model Name			
SP75-10500	+5V	0A	8A
SP75-11200	+12V	0A	6.25A
SP75-11500	+15V	0A	5.0A
SP75-12400	+24V	0A	3.12A
SP75-13800	+38V	0A	1.97A
SP75-14000	+40V	0A	1.87A
SP75-14800	+48V	0A	1.56A

Other Voltages are available in 1.0V increments.

VOLTAGE EFFICIENCY RATING @ 120 VAC, Full Load	
Voltage Range	Efficiency
+5V thru +9V	68%
+10V thru +14V	75%
+15V thru +19V	84%
+20V thru +48V	85%

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SP75 Series
Model: XX75-YAABB-ZZZS

SPECIFICATIONS:

ITEM	MODEL SERIES	SP75
Safety		UL, cUL, (TUV in process)
Operating Temperature		0°C - 50°C
Storage Temperature		- 40°C to +85°C
Temperature coefficient		± 0.01% / °C
Humidity		Up to 95% non-condensing
Input Voltage		90~264Vac
Input Frequency		47~63Hz
Input Current		2A rms Max, Full load
Inrush Current		≤ 30A @ 115 V~AC
Isolation		3000V~AC (input to output)
Line Regulation		± 1%
Load Regulation		± 5%
Ripple @ Noise		1% Peak to Peak
Hold-Up Time		20mS minimum
Over Voltage Protection		Set @ 115% to 135% hiccup (Recycle AC to restart)
Short-circuit Protection		Auto Recovery (when fault is removed) Reduction of voltage to safe dissipation @ > 125% of
Overload Protection		maximum rated power. Auto Recovery (when fault is removed)
EMC (EMI)		EN55022 Class B

Note: Specifications are for reference only and are subject to change without notice.

Mechanical:

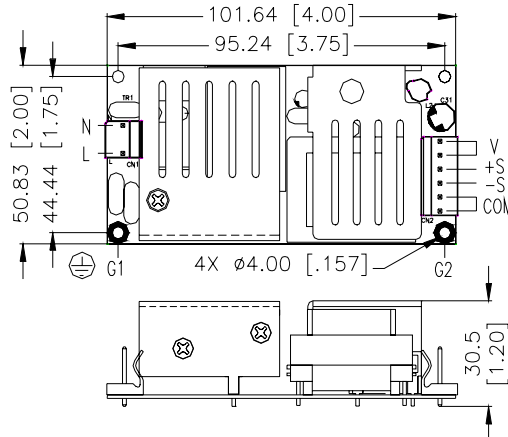
SP75 Series G1 and G2 are to be connected together and Grounded.

SP75

Connectors:

Input: Molex 1063-4037

Output: Molex 09-65-2065



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