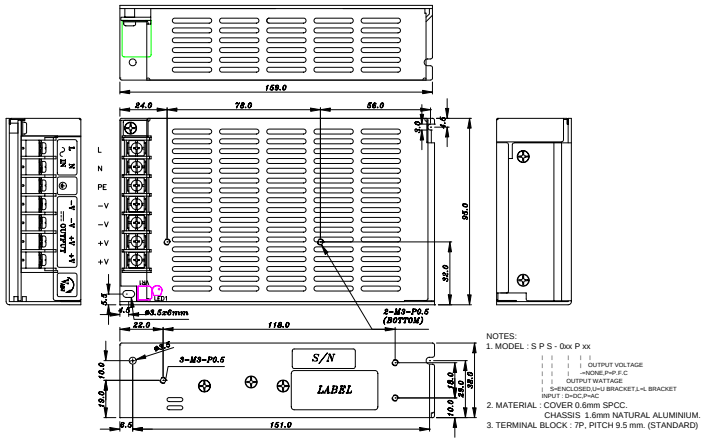
SPS-075 Series

75Watts, Single Output, AC-DC Power Supply

159 x 95 x 38mm
6.26 x 3.74 x 1.50inch



FEATURES
- UL60950
  CSA C22.2 No 60950
  TUV EN 60 950
- EMC standard: EN55022 Class B.
- Short circuit protection: shut down & auto recovery
- Over load protection: shut down & auto recovery
- Over voltage protection
- Non min. load requirement
- Output voltage ±10% adjustment
- 100% 50℃ burn-in test.

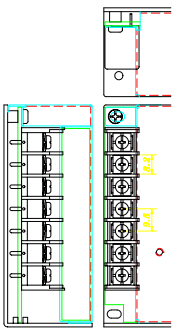
AMBIENT
- Operating temperature range: 0~70℃
- De-rating factor 45℃~70℃:2.5%/℃
- Storage temperature: -10 to +75℃
- Humidity: Operation: 20% to 85% RH.(Non condensing)
  Storage: 10% to 95% RH.(Non condensing)
- MTBF: >355,000 hours

AC INPUT
- 85~264VAC or 120~375VDC, selected by switch
- Frequency: 47~63Hz
- Current: 2A max. at 115V, 1A max. at 230V
- Inrush current: 20A max. at 115V, 40A max. at 230V
  Cold start at 25℃ ambient
- Leakage current: ≦ 1.5mA @ AC 264V

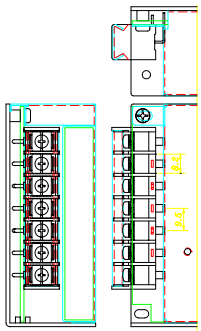
DC OUTPUT
- Maximum power: 75watts
- Setup time: 800ms/115VAC, 300ms/230VAC
- Rise time: ≦20ms
- Hold up time: 20ms/230VAC

PACKING
- N.W.: 0.6Kg / 1pc; 30pcs / 1.18 Cu ft³ / 1 CTN

- Connector: 7p/9.5mm pitch terminal block (Right angel type optional)
- Weight: 500g/pc.
- ＊Terminal block with pc cover optional, show as below:



Type A: Stright pins with pc cover



Type B: Right angle pins with pc cover

MODEL NO.:	SPS-075-3.3	SPS-075-05	SPS-075-7.5	SPS-075-10	SPS-075-12	SPS-075-15	SPS-075-18	SPS-075-24	SPS-075-28	SPS-075-48
VOLTAGE	3.3V	5 V	7.5V	10V	12V	15V	18V	24V	28V	48V
MAX. LOAD	18A	15 A	10 A	7.5 A	6.3 A	5.0 A	4.2 A	3.2 A	2.7 A	1.6 A
REGULATION	±3%	±2%	±2 %	±1%	±1 %	±1%	±1 %	±1 %	±1 %	±1 %
RIPPLE & NOISE(MAX.)	50mV	50mV	100mV	100mV	120mV	150mV	180mV	240mV	280mV	480mV
EFFICIENCY(TYP.)	70%	72%	73%	74%	75%	76%	77%	78%	79%	80%