HS-25W

CASE: P16-11   84×58×38mm

terminal 5x6.5mm
L   N   AC
⏚
-V   DC
+V   DC

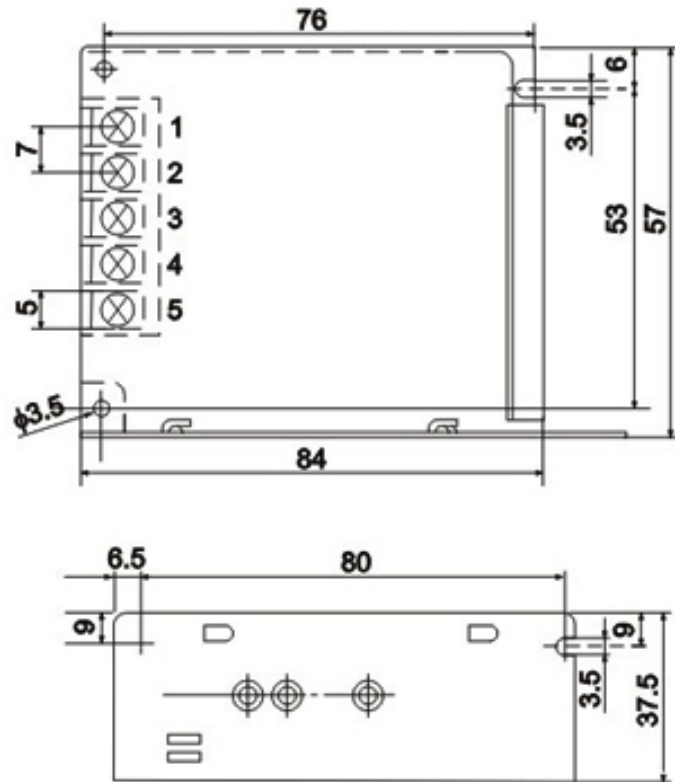|	
AC input voltage range	170-264VAC 47-63VAC 240-370VDC
Input current	0.35A/230V
AC inrush current	Cold-start current 30A/230V
Leakage current	<0.5mA/240VAC
DC adjustable range	±10% rated output voltage
Over load protection	105-150% hiccup mode,auto-recovery
Over-voltage protection	
Setup rise lold up time	200ms 100ms30ms
Withstand voltage	I/P-O/P:1.5KVAC 1minute I/P-FG:1.5KVAC 1minute O/P-O/P:0.5KVAC 1minute
Working temperature	-10 +60 .20%-90% RH
Weight/packing	0.16kg.80pcs/12.8kg

type	Output	Error	Range	Efficiency
HS-25-5	5V 0-5A	±2%	50mV	72%
HS-25-12	12V 0-2.1A	±1%	100mV	76%
HS-25-15	15V 0-1.7A	±1%	100mV	77%
HS-25-24	24V 0-1.1A	±1%	100mV	80%

NOTE:
1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25   of ambient temperature.
2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
3. Tolerance : includes set up tolerance, line regulation and load regulation.
4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.
5. If the power supply is short-circuited under no load, it will recover automatically when short-circuit is removed.

■ Mechanical Specification

76

6

3.5

53

57

7

1
2
3
4
5

5

φ3.5

84

6.5

80

9

9

3.5

37.5

■ Derating Curve

LOAD (%)

100

80

60

40

20

-10   0   10   20   30   40   50   60   (VERTICAL)
-10   0   45   55   (HORIZONTAL)

AMBIENT TEMPERATURE (℃)

■ Static Characteristics (24V)

Ta=25℃

Vo
32
28
24
20
16
12
8

OUTPUT VOLTAGE (V)

350
300
250
200
150
100
50

OUTPUT RIPPLE (mVp-p)

60   80   100   120   140   160   180   200   220   240   260

INPUT VOLTAGE (V) 60Hz