

## 55 Dual Outputs Power Supply

HF55W-D-L



### FEATURES

- Traditional Dual Output Model
- High reliability
- Top international brand components for key parts
- Built in EMI filter
- Protections: Overload/ over voltage/ short circuit
- 3 years limited warranty
- Dimension: 160 x 98 x 39mm

### SPECIFICATIONS

Input Voltage	170-264Vac
Input Current	0.9A @ 220Vac
Input Frequency	47~63Hz
Inrush Current	cold start, 40A/230V
Input Leakage Current	< 0.7mA/230VAC
Line Regulation (full load)	V1<± 1% V2<± 3%
Voltage Adjust Range	V1± 5%
Output Overload Protection	105~150%, hiccup Auto recovery
Short Circuit Protection	105~150%, hiccup mode Auto recovery
Rise Time	100ms @full load (typical)
Hold up Time	20ms @full load (typical)
Mechanical Feature	metal housing, din rail mounting
Dimensions	199 x 98 x 39mm (L x W x H)

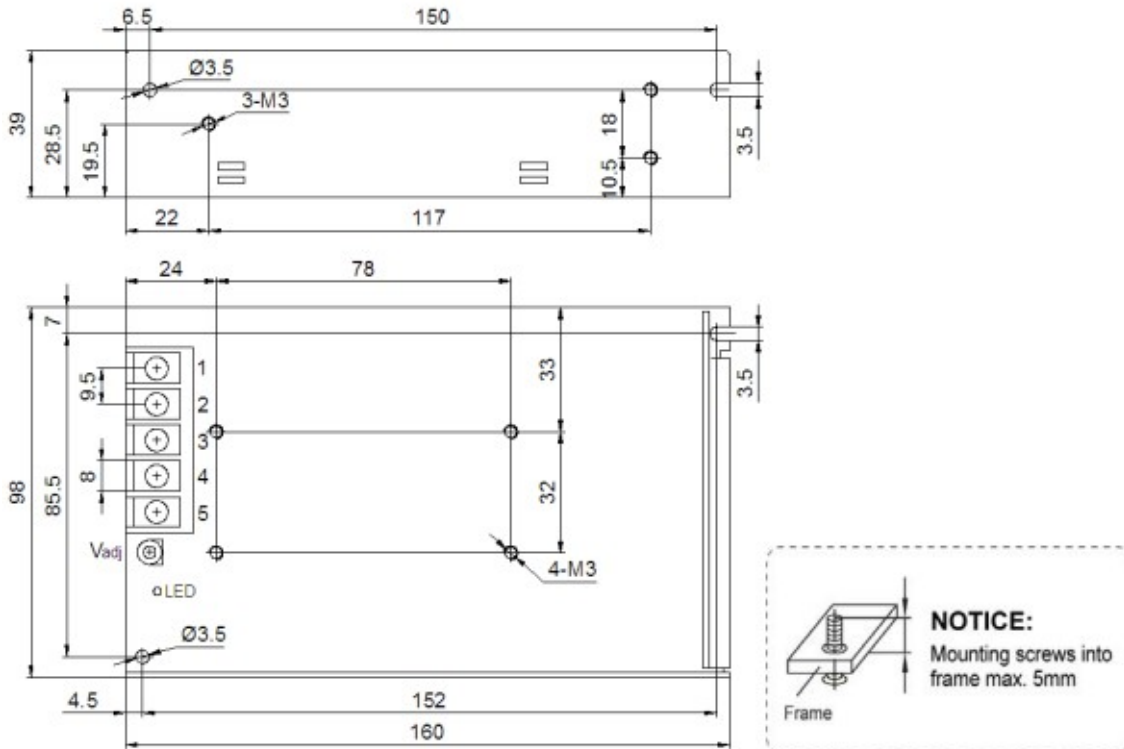
Operating Temperature	-20°C ~+70°C(ref. derating curve)
Storage Temperature	-20°C ~+85°C
Operating Humidity	20%~93%RH(non condensing)
Storage Humidity	20%~95%RH(non condensing)
MTBF	>100,000 hours
Cooling	Convection
Safety Standards	meet , UL60950, EN60950
EMC Standards	meet GB9254, EN55022 Class A EN55024, EN61000-3-2,3 EN61000-4-2,3,4,5,6,8,11
Withstand Voltage	I/P -O/P: 1.5KVAC/1min I/P - PE: 1.5KVAC/1min O/P-PE: 0.5KVAC/1min
Vibration	10~150Hz, 2G 10min/1cycle, 30min each along X, Y, Z axes
Connection	7P/9.5mm screw terminal block

Model No.	DC Output		Rate output current	Ripple & Noise (max.)	Efficiency
	V1	V2			
HF55W-D-L	15V	-15V	0.4-2A	120mVp-p	78%
			0-2A	120mVp-p	

### NOTE

1. All parameters are measured at 230VAC input, rated load and 25°C ambient temperature.
2. Line regulation is measured from low line to high line at rated load.
3. Load regulation is measured from 0% to 100% of rated load for single output models. For multi-output models, it is measured from 20% to 100% of rated load, and other output at 60% rated load.
4. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF & 47uF parallel capacitor.
5. The power supply is regarded as a component which will be installed into the final equipment. The final equipment must be re-confirmed that it still meets EMC directives.

**Drawing**



Terminal Pin No. Assignment  
 Maximum screw length : 5mm

Pin No.	Assignment	Pin No.	Assignment
1	AC L	5	Com
2	AC N	6	Com
3	PE	7	V1
4	V2		

