

150W Single Output Din Rail Power Supply

HF150W-SDR-24B



CE

FEATURES

- Wide AC input range up to 528VAC
- Installed on Din rail TS35/ 7.5 or 15
- High reliability, compact design
- Protections: overload/ over voltage/ short circuit
- 2 years warranty
- Dimensions: 74.4 x 121.2 x 129.2mm

SPECIFICATIONS

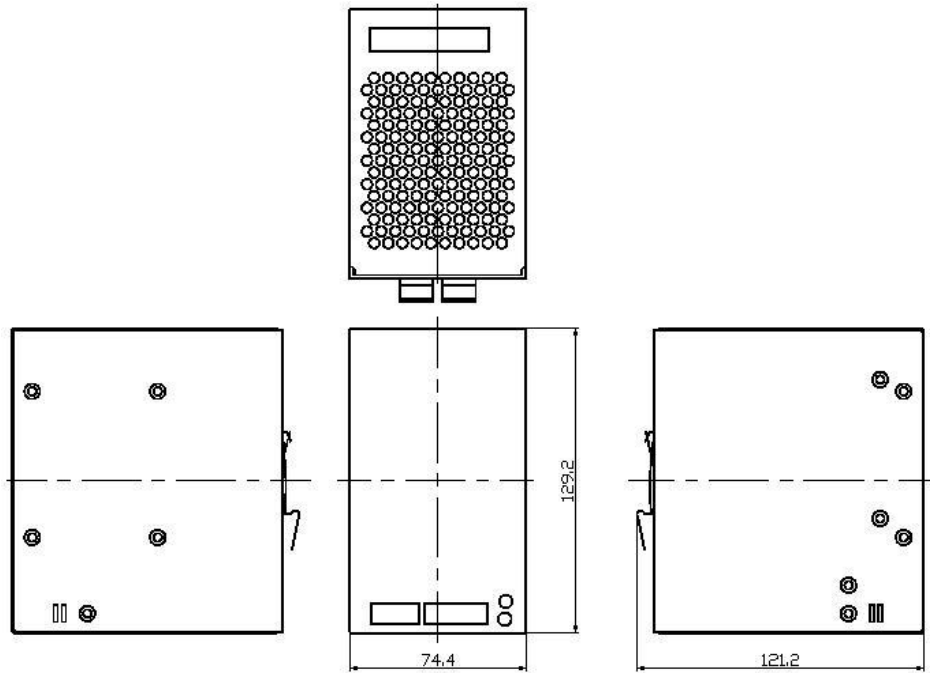
Input Voltage	170~528VAC(single & two phase)
Input Current	< 1.6A
Input Frequency	47~63Hz
Inrush Current	cold start, 40A/230VAC
Input Leakage Current	< 0.7mA/230VAC
Line Regulation (full load)	≤ 0.5 %
Load Regulation	≤ 2%
Output Voltage	24Vdc ± 1%
Voltage Adjust Range	23~28Vdc
Output Current	rated 6A, peak 10A for 3 seconds
Efficiency	≥ 82%
Output ripple & noise	≤ 200 mVp-p
Output Over Load Protection	Output switched off when 6.3A < I _{out} < 10A for 3~9 sec., no auto-recovery
Output Over Voltage Protection	115~150%
Short Circuit Protection	Output switched off when 10A ≤ I _{out} < 10.3A, no auto-recovery

Rise Time	50ms @full load (typical)
Hold up Time	20ms @full load (typical)
Operating Temperature	-10°C ~+50°C
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	EN12015, EN12016
Withstand Voltage	I/P – O/P: 3.0KVAC/1min I/P – F/G: 1.5KVAC/1min O/P–F/G: 0.5KVAC/1min
Mechanical Feature	metal enclosed, IP20
Installation	steel clip * 2pcs
Connection	screw terminal block, max. 0.5N.m Input: 6.35/3P, N(L2), PE, L1 Output: 6.35/4P, -V, -V, +V, +V
Packing	0.94kgs, 16pcs/17kgs/0.035CBM per carton

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



Label

