

MDR60w Industrial DIN Rail power supply

60W dinrail switching power supply
 Universal AC input/full range
 Protections: Short circuit/over load/over voltage
 Cooling by free air convection
 Can be installed on DIN-Rail: TS-35/7.5 or TS-35/15
 Built in DC OK active signal
 LED indicator for power on
 No load power consumption<0.75W
 100% full load burn-in test
 1 year warranty

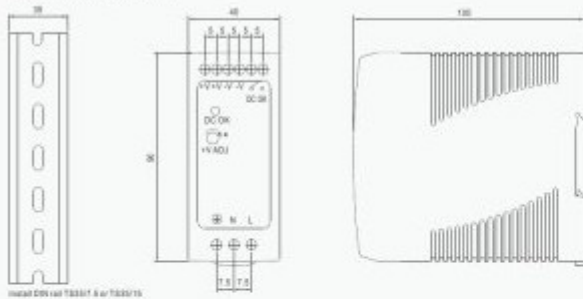
Model		MDR-60-5	MDR-60-12	MDR-60-24	MDR-60-48	
Output	DC output Voltage	5V	12V	24V	48V	
	Voltage tolerance	±1.0%	±1.0%	±1.0%	±1.0%	
	Rated Current	10A	5A	2.5A	1.25A	
	Related Power	50w	60w	60w	60w	
	Wave&Noise	80mVp-p	120mVp-p	150mVp-p	150mVp-p	
	Voltage ADJ range	5-6V	12-15V	24-30V	48-56V	
	Set up, rise time	500ms 30ms/230VAC 500ms,30ms/115VAC at full load				
	hold up time	120ms/230VAC 25ms/115VAC at full load				
Input	Voltage Range	85 ~ 264VAC 47-63HZ 120-370VDC				
	Input Current	1.8A/115VAC 1A/230VAC				
	Efficiency	78%	86%	88%	87%	
	AC inrush current	Cold start current 30A/115V 60A/230VAC				
	Leakage current	<1mA/240VAC				
Protection	Overload	Above 105% rated output power				
		hiccup mode, recovery automatically after fault condition is removed				
	Over voltage	6.25-7.25V	15.6-18V	31.6-36V	57.6-64.8V	
		Shut down o/p voltage, re-power on to recover				
Function	DC OK active single	Relay contact rating(max) :30V/1A resistive				
Environment	Working temp humidity	-20~+70°C 20%~90%RH				
	Stor temp,	-20~+85°C 20%~90%RH Non-condensing				

	humidity	
Safety	safety standards	UL508,TUV EN60950-1 approved
	Withstand voltage	I/P-O/P:3KVAC I/P-FG:2KVA O/P-FG:0.5KVA
	Isolation resistance	I/P-O/P,I/P-FG,O/P-FG:100M Ohms/500VDC/25 /70%RH
	EMC emission	Compliance to EN55011,EN55022,EN61204-3 class B,EN61000-3-2,-3
Size	size	40*90*100mm (W*H*D)
	Package	0.33kg,42pcs/15kg

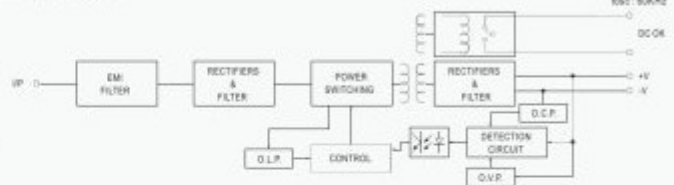
Note:1.All parameters not specially mentioned are measured at 230VAC input, related load and 25 of ambient temperature.2.Wave&noise are measured at 20MHz of bandwidth by using a 12" twisted pair wire terminated with a 0.1uf&47uf parallel capacitor.3.Tolerance: includes set up tolerance, line regulation and load regulation.

Outline and dimension

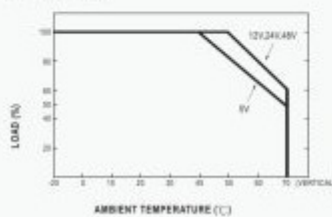
Mechanical Specification



Block Diagram



Derating Curve



Output Derating VS Input Voltage



DC OK Relay Contact

Contact Close	When the output voltage reaches the adjusted output voltage.
Contact Open	When the output voltage drop below 90% output voltage.
Contact Ratings (max)	30V/1A resistive load