



VDR Series

75、120、240 瓦功率输出 (75、120、240 Watts of Output Power)
 宽电压输入 (4:1 Wide Input Range)
 输入输出隔离 (Isolated Output)
 带有过压保护 (Over Voltage Protection)
 具有超温保护 (Over Temperature Protection)
 输出电流限制 (Output Current Limiting)
 标准导轨安装 (DIN-rail Mounting)

VDR 75 - 24

① ② ③

- ① 系列号 (Series): VDR
- ② 输出功率 (Output Power): 75W、120W、240W
- ③ 输出电压 (Output Voltage): 12V、24V、48V

输入特性 Input	Min	Nom	Max	Notes
输入电压 Input Voltage	85 120		265 370	VAC(47~63Hz) VDC
启动电流 Startup Current		30A 50A		115VAC 230VAC
输出特性 Output				
输出电压精度 Setpoint Accuracy			±2% ±1% ±1%	Vo=12Vdc Vo=24Vdc Vo=48Vdc
电压调节 Trim Range		+10%		
源效应 Line Regulation			±0.5 %	
负载效应 Load Regulation			±1 %	
纹波与噪声 Ripple and Noise			100mVp-p 150mVp-p 240mVp-p	Vo=12Vdc Vo=24Vdc Vo=48Vdc
温度系数 Temperature		±0.03%/°C		
综合特性 General				
过载保护 Overload Protection			Io>110~130%	
过压保护 Over-voltage Protection			15~16.5V 29~34V 54~60V	Vo=12Vdc Vo=24Vdc Vo=48Vdc
过温保护 Overheating Protection			OFF@100±5°C	
隔离电压 Isolation Voltage	≥3000Vac ≥2000Vac ≥500Vdc			Input-Output Input-Case Output-Case
MTBF		1×10 ⁵ h		Bellcore TR332, 25°C
工作壳温 Case Temperature	-10°C		+60°C	
储存温度 Storage Temperature	-20°C		+85°C	

相对湿度 Relative Humidity	10%	95%
安全标准 Standard for Safety	According UL508/UL60950/TUV/EN60950	
传导辐射 Conduction & Radiation	According EN55011/EN55022/CISPR22 Class B	
谐波电流 Harmonic Current	According EN61000-3-2/3	
电磁敏感度 Electromagnetic Susceptibility	According EN61000-4-2/3/4/5/6/811, EN55024	

产品明细单/Models

型号 Model	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	漏电流(mA) Leakage Current	效率(%) Efficiency	尺寸 (mm) Dimension	重量 (g) Weight
VDR75-12	12	0~6.3	1mA /240VAC	78	121*54*95.3	600
VDR75-24	24	0~3.2	1mA /240VAC	85		
VDR75-48	48	0~1.6	1mA /240VAC	86		
VDR120-12	12	0~10	3.5mA /240VAC	80	126*66*109	800
VDR120-24	24	0~5	3.5mA /240VAC	86		
VDR120-48	48	0~2.5	3.5mA /240VAC	86		
VDR240-24	24	0~10	3.5mA /240VAC	90	125*126*109	1000
VDR240-48	48	0~5	3.5mA /240VAC	90		

外形尺寸图/Mechanical Drawing

