



乐清市乐宇自动化电气有限公司

Yueqing Leyu Electric Automation Co., Ltd.

15W Single Output Industrial DIN Rail Power Supply

DR-15 series

Features:

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 15

Isolation class II

LED indicator for power on

No load power consumption<0.5W

100% full load burn-in test

2 years warranty

SPECIFICATIONS				
OUTPUT				
Model	DR-15-5	DR15-12	DR-15-15	DR-15-24
DC Voltage	5V	12V	15V	24V
Rated Current	2.4A	1.25A	1A	0.63A
Current Range	0-2.4A	0-1.25A	0-1A	0-0.63A
Rated Power	12W	15W	15W	15.2W
Ripple & Noise	80mVp-p	120mVp-p	120mVp-p	150mVp-p
Voltage Adj. Range	4.75-5.5V	10.8-13.2V	13.5-16.5V	21.6-26.4V
Voltage Tolerance	±2%	±1%	±1%	±1%
Line regulation	±1%	±1%	±1%	±1%
Load regulation	±1%	±1%	±1%	±1%
Setup, Rise, Hold	1000ms, 50ms/230VAC 1000ms, 50ms/115VAC at full load			
Up Time	70ms/230VAC 16ms/115VAC at full load			
INPUT				
Voltage Range	85 ~ 264VAC	120 ~ 370VDC		
AC Current	0.88A/115VAC		0.48A/230VAC	
Efficiency	77%	84%	83.5%	85%
Inrush Current	COLD START 35A/115VAC		65A/230VAC	
PROTECTION				
Over Load	105%~160% rated output power			
	Protection type: Constant current limiting, recovers automatically after fault condition is removed			
Over Voltage	5.75-6.75V	13.8-16.2V	17.25-20.25V	27.6-32.4V



乐清市乐宇自动化电气有限公司

Yueqing Leyu Electric Automation Co., Ltd.

	Protection type: Shut off o/p voltage, clamping by zener diode
ENVIRONMENT	
Working Temp., Humidity	-20°C~+60°C; 20%~90% RH non-condensing
Storage Temp., Humidity	-40°C~+85°C; 10%~95%RH
Temp. Coefficient	±0.03%/°C(0~50°C)
Vibration	10~500Hz, 2G 10min./1cycle, period for 60min, each along X, Y, Z axes, Mounting: Compliance to IE60068-2-6
SAFETY	
Withstand Voltage	I/P-O/P: 3KVAC
Isolation Resistance	I/P-O/P: 100M Ohms / 500VDC/ 25°C/ 70%RH
STANDARD	
Safety Standard	Design refer to UL60950-1,TUV EN60950-1,EN50178
EMC Standard	Design refer to EN55011,EN55022,EN61000-3-2,-3,EN61000-4-2,3,4,5,6,8,11,EN55024, EN61000-6-2,EN61204-3, heavy industry level, criteria A
OTHERS	
Dimension	25*93*56mm(W*H*D)
Weight	0.1Kg
Packing	140pcs/15KG/0.92CUFT
NOTE	
<p>1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.</p> <p>2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1μ & 47μ parallel capacitor.</p> <p>3. Tolerance: includes set up tolerance, line regulation and load regulation.</p> <p>4. The power supply is considered a component which will be installed into final equipment. The final equipment must be re-confirmed that it still meets EMC directives.</p>	

