



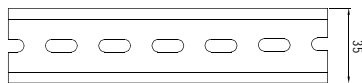
DR-45 Series

Features

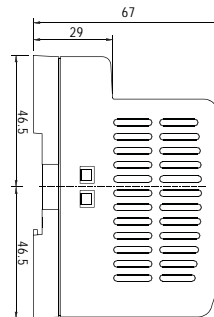
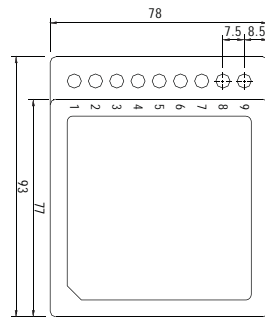
- ✓ Universal AC input/Full range
- ✓ Protections: Short circuit/Overload/Over voltage/Over temp.
- ✓ Cooling by free air convection
- ✓ Can be installed on DIN-Rail TS-35/7.5 or 15
- ✓ UL 508 (industrial control equipment) approved
- ✓ LED indicator for power on.
- ✓ 100% full load burn-in test
- ✓ Fix switching frequency at 100KHz
- ✓ 3 years warranty



Dimensions



Install DIN rail TS35/7.5 or TS35/15



Terminal Pin No. Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	6,7	DC OUTPUT+V
2	AC/N	8	LED
3	FG	9	+V ADJ.
4,5	DC OUTPUT-V		

Hardware Specifications

Output

Model	DR-4505	DR-4512	DR-4515	DR-4524
DC Voltage	5V	12V	15V	24V
Rated Current	5A	3.5A	2.8A	2A
Current Range	0-5A	0-3.5A	0-2.8A	0-2A
Rate Power	25W	42W	42W	48W
Ripple & Noise	100mVp-p	200mVp-p	240mVp-p	480mVp-p
Voltage ADJ. Range	4.75-5.5V	10.8-13.2V	13.5-16.5V	21.6-26.4V
Voltage Tolerance	± 2.0%	± 1.0%	± 1.0%	± 1.0%
Line Regulation	± 1.0%	± 1.0%	± 1.0%	± 1.0%
Load Regulation	± 1.0%	± 1.0%	± 1.0%	± 1.0%
Setup, Rise Time	800ms, 60ms/230VAC at full load			
Hold up Time	100ms/230VAC at full load			

Input

Model	DR-4505	DR-4512	DR-4515	DR-4524
Voltage Range	85-264VAC 120-370VDC			
Frequency Range	47-63Hz			
Efficiency	72%	77%	77%	80%
AC Current	1.5A/115VAC, 0.75a/230VAC			
Inrush Current	Cold Start 28A/115VAC 56A/230VAC			
Leakage Current	<1mA/240VAC			

Protection

Model	DR-4505	DR-4512	DR-4515	DR-4524
Over Voltage	5.75-6.75V	13.8-16.2V	17.25-20.25V	27.6-32.4V
AC Current	105-150% rated output power			

Environmental

- Operating Temp:** Regular:-10 to 50°C
- Storage Temp:** -20 to 85°C(-4 to 185 °F)
- Operating Humidity:** 20%~90% RH (Non-condensing)

Regulatory Approvals

- Safety:** UL508, TUV EN60950-1
- EMI:** EN55011, EN55022 (CISPR22) Class B
- Harmonic Current:** EN61000-3-2, -3
- EMS:** EN61000-4-2, 3, 4, 5, 6, 7, 8, 11, ENV50204, ENV55024, EN61000-6-2 (EN50082-2)

Others

- MTBF:** 364.6K hrs min. MIL-HDBK-217F
- Dimensions:** 93*78*67mm (L*W*H)
- Weight:** 0.31kg