

DIN-Rail Power Supplies



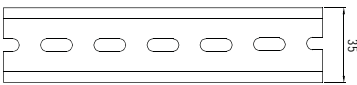
DR-75 Series

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



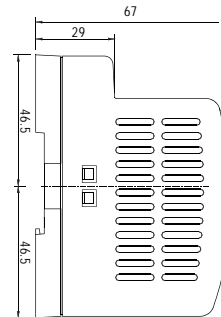
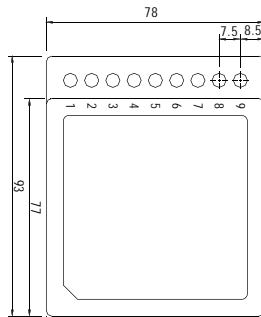
Dimensions



IN rail TS35/7.5 or TS35/15

Pin No. Assignment

Assignment	Pin No.	Assignment
AC/L	6,7	DC OUTPUT+V
AC/N	8	LED
FG Ⓧ	9	+VADJ.
DC OUTPUT -V		



Hardware Specifications

Output

Model	DR-7512	DR-7524	DR-7548
DC Voltage	12V	24V	48V
Rated Current	6.3A	3.2A	1.6A
Current Range	0-6.3A	0-3.2A	0-1.6A
Rate Power	76W	76.8W	76.8W
Ripple & Noise	100mVp-p	150mVp-p	240mVp-p
Voltage ADJ. Range	12-14V	24-28V	48-53V
Voltage Tolerance	± 2.0%	± 1.0%	± 1.0%
Line Regulation	± 0.5%	± 0.5%	± 0.5%
Load Regulation	± 1.0%	± 1.0%	± 1.0%
Setup, Rise Time	1000ms, 60ms/230VAC 1800ms, 60ms/115VAC at full load		
Hold up Time	60ms/230VAC 12ms/115VAC at full load		

Input

Model	DR-7512	DR-7524	DR-7548
Voltage Range	85-264VAC 120-370VDC		
Frequency Range	47-63Hz		
Efficiency	76%	80%	81%
AC Current	1.6A/115VAC, 0.96a/230VAC		
Inrush Current	Cold Start 20A/115VAC 40A/230VAC		
Leakage Current	<1mA/240VAC		

Protection

Model	DR-7512	DR-7524	DR-7548
Over Voltage	15-16.5V	29-34V	58-65V
AC Current	105-150% rated output power		

Environmental

Operating Temp: Regular:-10 to 60°C

Storage Temp: -20 to 85°C(-4 to 185°F)

Operating Humidity: 20%-90% RH (Non-condensing)

Others

MTBF: 123.1K hrs min. MIL-HDBK-217F

Dimensions: 55.5*125.2*100mm (L*W*H)

Weight: 0.6kg

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)