

# AC/DC POWER SUPPLY 75 WATT, DIN-RAIL DR 75 SERIES



Country of Origin : Taiwan  
 Operating Temperature : -10 ~ 60 °C  
 Dimension : 100 x 55 x 125.2 mm  
 Approvals / Marks : UL, c-UL, TÜV, CB, CE

## Features:

Universal AC input / full range  
 Installable on DIN rail TS35 / 7.5 or 15  
 Overload, over voltage, over temperature & short circuit protection  
 LED indication for power on  
 100% full load burn-in test  
 1 year warranty

## Specification:

MODEL		DR75-12	DR75-24	DR75-48
OUTPUT	Voltage	12V	24V	48V
	min. Load	0A	0A	0A
	max. Load	6.3A	3.2A	1.6A
	Tolerance	±2%	±1%	±1%
	Ripple & Noise (max)	100 mV	150 mV	240 mV
	Efficiency (typ)	76%	80%	81%
Max. Output Power		75.6W	76.8W	76.8W
Output Voltage adjustment range		12 ~ 14V	24 ~ 28V	48 ~ 53V
INPUT	Voltage	85 ~ 264VAC / 120 ~ 370VDC		
	Frequency	47 ~ 63 Hz		
	Current	1.2A@230VAC / 2A@115VAC		
	Inrush Current	60A @ 230VAC / 30A @ 115VAC , Cold start		
	Leakage Current	<1mA@240VAC		
	P.F.C.	-		
PROTECTION	Overload	Over 105% ~ 150% of rated output, constant current limiting, auto recovery		
	Over Voltage	120% ~ 140% of rated output, Hiccup mode, auto recovery		
	Over Temperature	> 85°C (±5°C) Shutdown, auto recovery after temperature has fallen		
	Short Circuit	Yes		
OTHERS	Setup time	1000ms at rated load and 230VAC / 1800ms at rated load and 115VAC		
	Rise time	60ms at rated load and 230VAC / 60ms at rated load and 115VAC		
	Holdup time	50ms at rated load and 230VAC / 10ms at rated load and 115VAC		
	Cooling	free air convection		
	Withstand Voltage	I/P-O/P:3KVAC, I/P-FG:1.5KVAC, O/P-FG:0.5KVAC		
	Isolation Resistance	I/P-O/P, I/P-FG, O/P-FG : 500VDC / 100M Ohm		
Switching Frequency		50KHz (fixed)		
Environment	Temperature	Operating: -10 ~ 60°C / Derating: 50 ~ 60°C: 4%/°C / Storage: -20 ~ 85°C		
	Humidity	Operating: 20 ~ 90% RH / Storage: 10 ~ 95% RH (non condensing)		
Connection	Input	I/P:3 poles		
	Output	O/P:4 poles screw terminal (DIN type)		
M.T.F.B.		> 123 K hours (according to MIL-HDBK-217F at 25°C environment)		
SAFETY		Approved: UL 508 / TÜV EN60950		
EMC	EMI	EN 55022 / EN55011 Class B / EN 61000-3-2, 3		
	EMS	EN 61000-4-2,3,4,5,6,8,11 / ENV50204 / EN55024 / EN61000-6-2		
WEIGHT		N.W.: 0.6 kg		