



## Features



DIMENSIONS:100(H)\*83(D)\*49(W)mm  
CASE NO.:CS035DR

- Convection cooled
- Wide input range
- 100% full load burn-in test
- Great reliability
- MOSFET designed
- 300,000Hrs MTBF per MIL-HDBK-217F
- 2-year warranty

## General specifications

INPUT

Input range

100~240VAC  
127~380VDC  
47~440Hz  
20A/110VAC  
40A/220VAC

Input frequency

Inrush current (25° C)

OUTPUT

Hold-up time

Short protection

Overload protection

Over voltage protection

Power Ready Signal (Optional)

Redundant function (Optional)

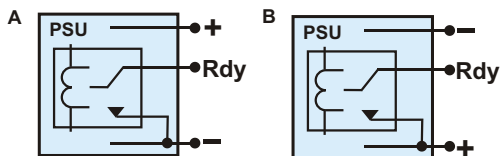
16mS  
Autorecovery  
Automatic power limited  
Autorecovery

## Detail specifications

45 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P. Trip point
		Min.	Rated	Max.					
RP1045D-05F	V1: +5V ±10%	0A	9.0A	9.0A	50mVp-p	±1%	±1%	69% Min.	5.8 ~ 7.0V
RP1045D-12F	V1: +12V ±10%	0A	3.75A	3.75A	100mVp-p	±1%	±1%	70% Min.	15 ~ 18V
RP1045D-24F	V1: +24V ±10%	0A	1.875A	1.875A	150mVp-p	±1%	±1%	75% Min.	27.6 ~ 31V
RP1045D-48F	V1: +48V ±10%	0A	1.0A	1.0A	300mVp-p	±1%	±1%	77% Min.	-----

## Rdy Connection



Please Choose Fit Function,  
And Fill In The Blank With Suitable Words.

Order Model:RP1045D-24F  

Optional Function:

Terminal Block: "T" : PCB Barrier Terminal Block

"E" : Mini Terminal Block

Without Function: "N"

Power Ready Signal and Redundant

## EMC Standards

EN55022 CLASS B  
EN61000-3-2 ,EN61000-3-3  
En55024 ( IEC61000-4-4,  
IEC 61000-4-3, IEC61000-4-4,  
IEC 61000-4-5, IEC61000-4-6,  
IEC 61000-4-8, IEC61000-4-11)

## Safety Standards

UL 60950 APPROVAL  
CSA 60950 APPROVAL  
CE 60950 Marking

## Environments

Operating Temperature -15 ~ 50°C, Ambient  
Operating Humidity 5 ~ 95% RH, No Condensing  
Storage Temperature -20 ~ 85°C, Ambient  
Vibration 2G, 10~500Hz, 3 axes

- NOTE:**
1. Each output can provide up to maximum load, but total load can not exceed rated output power.
  2. Line regulation is measured from low line to high line at rated load.
  3. Load regulation is measured from 20% to 100% of rated load at 110VAC input. (Redundant function Sepc. 0.6V Add.)
  4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
  5. Efficiency is measured at rated load and 110VAC input.
  6. Hold-up time is measured at rated load and 110VAC input.