



All the patents are held accountable counterfeiting.

Features

DIMENSIONS: 100(H)*83(D)*49(W)mm
WEIGHTS: 370g

- Convection cooled
- 100% burn-in test
- Easy mounting (one-step installation)
- Separation of AC and DC, Excellent of Anti-Electromagnetic interference
- RoHS & EMI test and strictness on quality
- 2 year Warranty
- Split rail & Series connection possible
- Output modify range: 3V~200VDC

General specifications

INPUT

| | |
|------------------------|--------------------------|
| Input range | 90~264VAC 127~380VDC |
| Input frequency | 47~440Hz |
| Inrush current (25° C) | 20A/110VAC 40A/220VAC |

OUTPUT

| | |
|-------------------------|-------------------------|
| Hold-up time | 16mS |
| Short protection | Autorecovery |
| Overload protection | Automatic power limited |
| Over voltage protection | Optional |

Detail specifications

45 Watts

| MODEL | O/P Volt Adj. ± % | Load(Current) ¹ | | | Ripple & Noise ⁴ | Line REG. ² | Load REG. ³ | Efficiency ⁵ | O.V. P. |
|-----------|---------------------------------|----------------------------|----------------|----------------|--------------------------------|---------------------------|---------------------------|-------------------------|-------------------|
| | | Min. | Rated | Max. | | | | | |
| RP2045D1S | V1:+5V ±10% V2:+12V ----- | 0A 0A | 2A 2.9A | 2A 2.9A | 50mVp-p 100mVp-p | ±1% ±1% | ±1% ±4% | 72% Min. | 6 ~ 7.5V ----- |
| RP2045D2S | V1:+5.15V ±10% V2:+24V ----- | 0A 0A | 2A 1.46A | 2A 1.46A | 50mVp-p 120mVp-p | ±1% ±1% | ±1% ±4% | 73% Min. | 6 ~ 7.5V ----- |
| RP2045D3S | V1:+24V ±10% V2:-24V ----- | 0A 0A | 0.94A 0.94A | 0.94A 0.94A | 120mVp-p 120mVp-p | ±1% ±1% | ±1% ±4% | 75% Min. | 28 ~ 34V ----- |
| RP2045D4S | V1:+15V ±10% V2:-15V ----- | 0A 0A | 2A 1A | 2A 1A | 120mVp-p 120mVp-p | ±1% ±1% | ±1% ±4% | 75% Min. | 17 ~ 22V ----- |

CE Standards

EN 55032, EN 55035,
EN 61000-3-2, EN 61000-3-3,
(EN 61000-4-2, EN 61000-4-3,
EN 61000-4-4, EN 61000-4-5,
EN 61000-4-6, EN 61000-4-8,
EN 61000-4-11)
LVD: EN 62368-1

Safety Standards



UL/CUL 60950 Meet
CE Marking

Environments

| | |
|-----------------------|----------------------------|
| Operating Temperature | -15 ~ 50°C, Ambient |
| Operating Humidity | 20 ~ 90% 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 220VAC input. (Redundant function Sepc. 0.6V Add.)
 4. Ripple & Noise are measured with 20MHz oscilloscope at 220VAC by using a 20cm long 12" twisted pair-wire with a 0.1uF/630V metal capacitor & a 47uF electrolytic capacitor parallel on the test point.
 5. Efficiency is measured at rated load and 220VAC input.
 6. Hold-up time is measured at rated load and 220VAC input.
 7. Output Voltage Adjustable is measured on 5% of rated load.
 8. The product uses metal enclosure for cooling. To ensure product lifespan, a clearance of at least 1 cm at the side of the product, 2 cm at top and bottom of the product should be maintained when installing.
 9. Reign Power reserve the right to change specifications at any time without notice.

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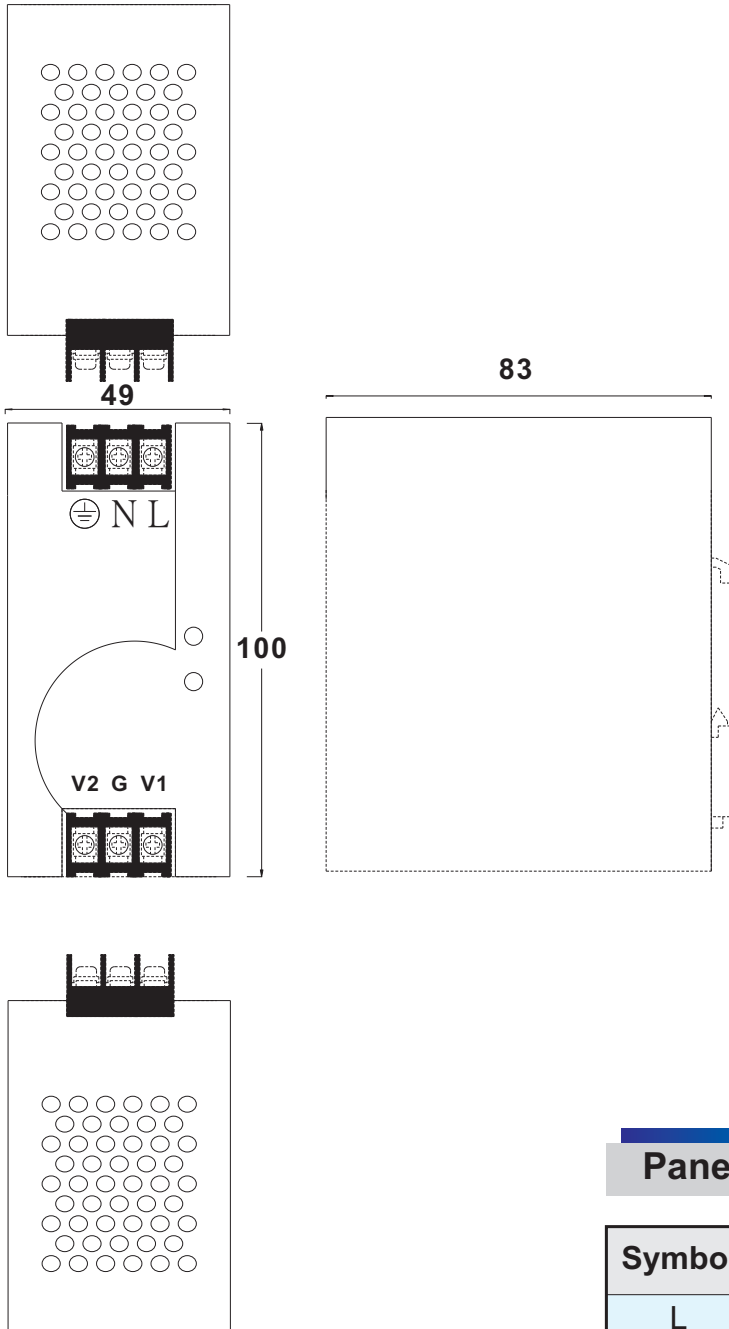
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REIGNPOWER
S.M.P.S



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Mechanical Details



CASE NO. : CS035DR
UNIT : mm
DIMENSION : 100(H)*83(D)*49(W)

Panel Designation

| Symbol | Description |
|--------|--|
| L | Line Terminal Of AC Input (No Polarity At DC Input) |
| N | Neutral Terminal Of AC Input (No Polarity At DC Input) |
| ⊕ | Grounding (Earth) |
| V1 | DC V1 Output Terminal |
| V2 | DC V2 Output Terminal |
| G | DC Output Grounding Terminal |
| DC ON | LED Indicator |
| V adj. | Potentiometer For Output Voltage |