



Features



DIMENSIONS : 142.5(L) x 97.5(W) x 40(H)mm
WEIGHTS: 680g

- Convection cooled
- 100% burn-in test
- MOSFET designed
- 2 years Warranty
- **Output modify range: 3V~200VDC**
- **Split rail & Series connection possible**

General specifications

INPUT

Input range 85~132/170~264VAC (Selectable)
Input frequency 47~63Hz
Max. I/P current / Inrush current (25° C) 1.47A/20A@110VAC
0.75A/40A@220VAC

OUTPUT

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

Detail specifications

72 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P. Trip point
		Min.	Rated	Max.					
RP1072-24H	V1: +24V ±10%	0A	3A	3A	150mVp-p	±1%	±1%	79% Min.	27.6 ~ 31V

CE Standards

EN 55032, EN 55035,
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 APPROVAL
 CE Marking

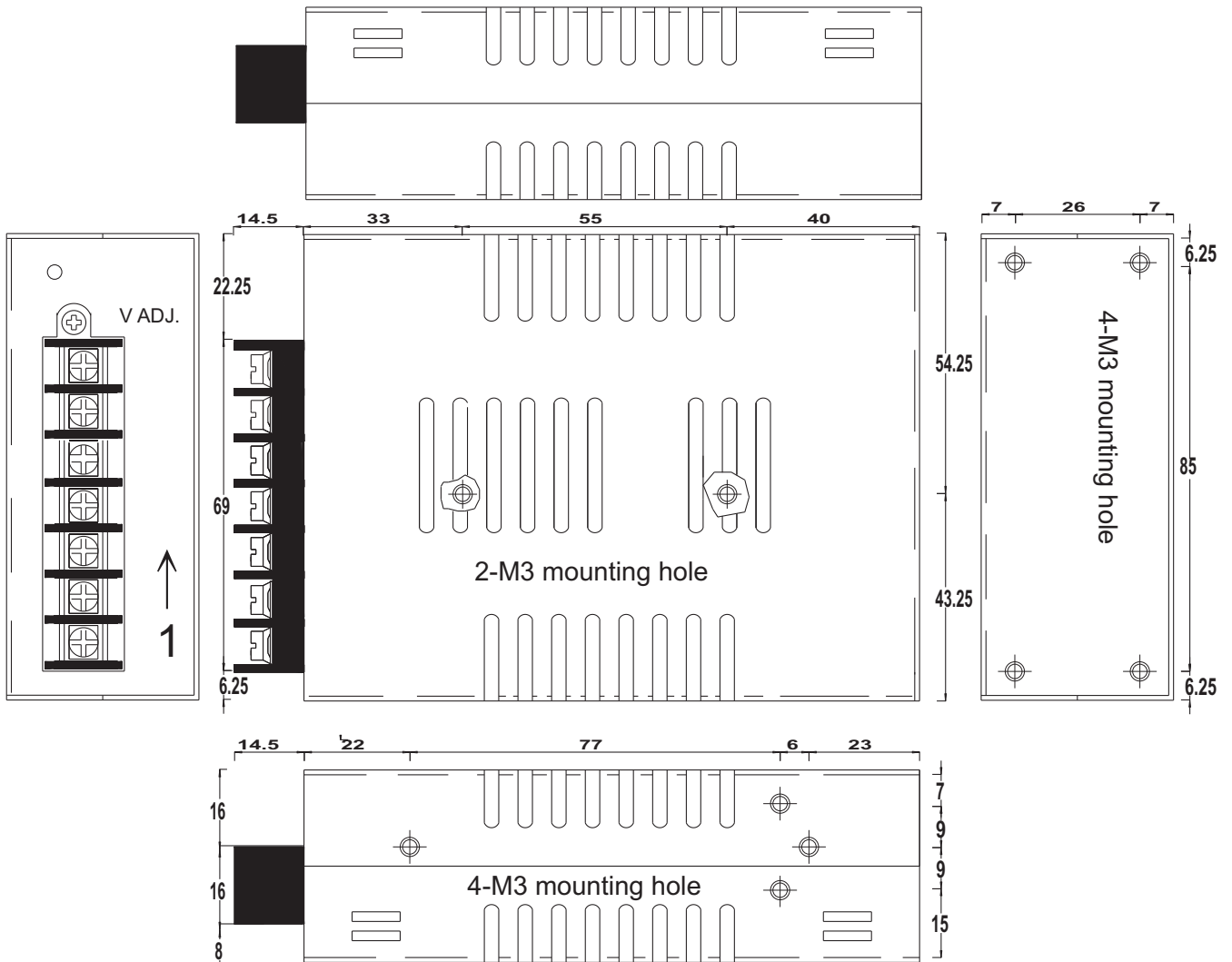
Environments

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.
 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. Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



CASE NO. : CS072

UNIT : mm

DIMENSIONS : 142.5(L) x 97.5(W) x 40(H)

Panel Designation

PCB Barrier Terminal Block

Pin	Output	Description
1	L	Line Terminal of Input
2	N	Neutral Terminal of Input
5	FG	Input Ground (Earth)
3,4	Short 110V 220V Open	110/220 VAC Selectable Terminal
6	G	DC Output Ground Terminal
7	V1	DC Output Terminal