



AC → DC SWITCHING POWER SUPPLY

RP1072D F SERIES

All the patents are held accountable counterfeiting.

Features



DIMENSIONS: 100(H)*110(D)*60(W)mm
WEIGHTS: 500g

- Convection cooled
- 100% full load burn-in test
- **Din Rail/ Screw Mounting Dual Purpose**
- Easy mounting (one-step installation)
- Separation of AC and DC, Excellent of
- Anti-Electromagnetic interference
- Strictly RoHS & EMI test 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	47~63Hz
Inrush current (25° C)	20A/110VAC 40A/220VAC

OUTPUT

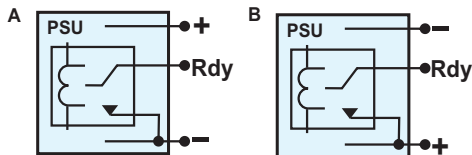
Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Optional
Power Ready Signal (Optional)	
Redundant function (Optional)	

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.					
RP1072D-24F	V1: +24V ±10%	0A	3.0A	3.0A	150mVp-p	±1%	±1%	80% Min.	28 ~ 34V

Rdy Connection



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

Order Model: RP1072D-24F ☐ DA

Optional Function:

Terminal Block: "T" : PCB Barrier Terminal Block

"E" : Mini Terminal Block

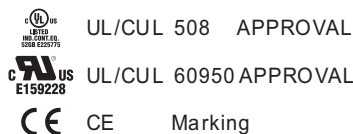
Without Function: "N"

Power Ready Signal and Redundant

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



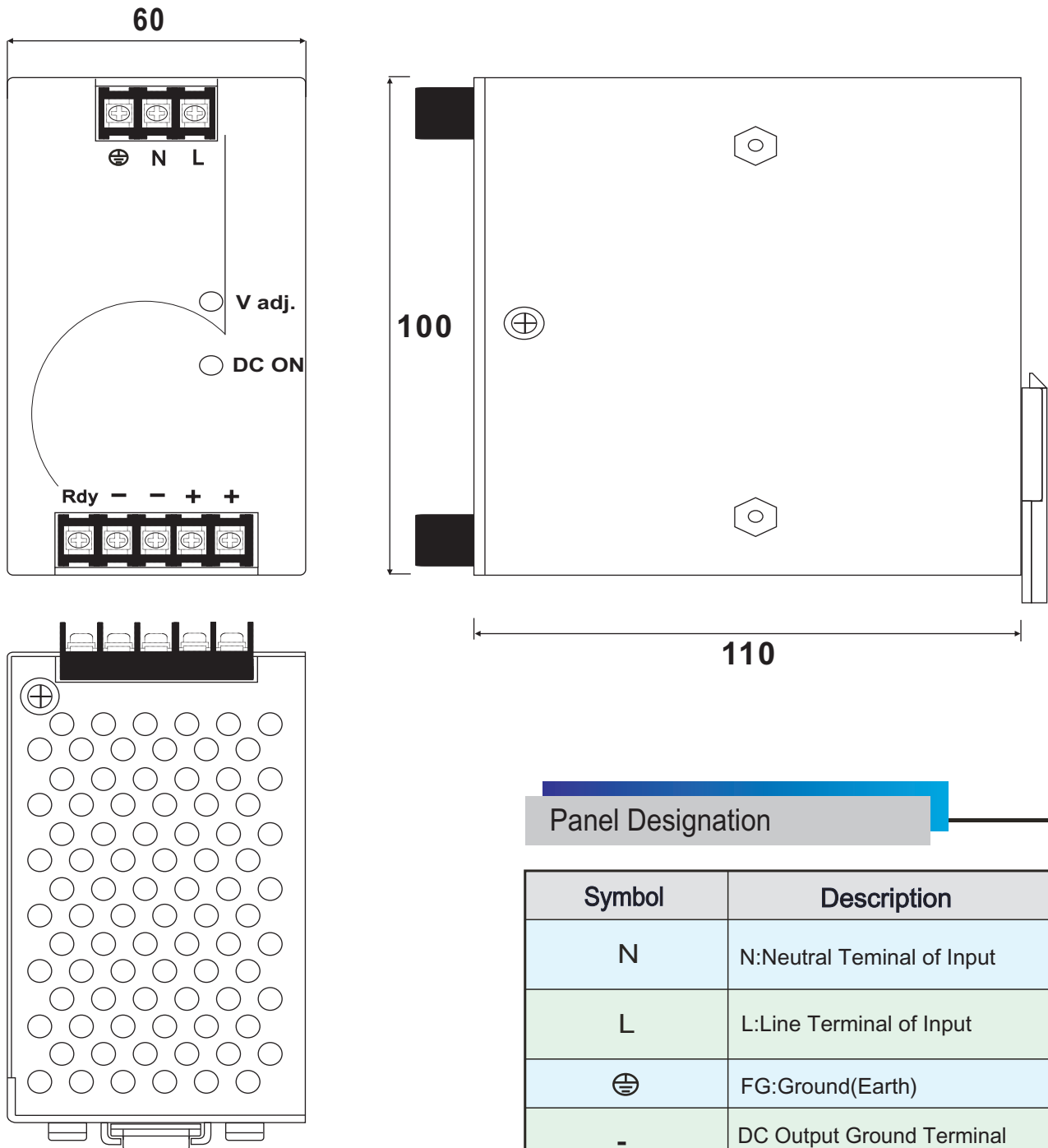
Environments

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:**
- Each output can provide up to maximum load, but total load can not exceed rated output power.
 - Line regulation is measured from low line to high line at rated load.
 - Load regulation is measured from 20% to 100% of rated load at 220VAC input. (Redundant function Sepc. 0.6V Add.)
 - 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.
 - Efficiency is measured at rated load and 220VAC input.
 - Hold-up time is measured at rated load and 220VAC input.
 - Output Voltage Adjustable is measured on 5% of rated load.
 - 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.
 - Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



CASE NO.:CS060DR
UNIT:mm
DIMENSIONS:100(L)*110(W)*60(H)

Panel Designation

Symbol	Description
N	N:Neutral Teminal of Input
L	L:Line Terminal of Input
⊕	FG:Ground(Earth)
-	DC Output Ground Terminal
+	DC Output Terminal
V adj.	O/P volt Adj.
DC ON	LED indicator