



AC → DC SWITCHING POWER SUPPLY

NL1072D SERIES

All the patents are held accountable counterfeiting.

Features



Green Power

- Standard/Din Rail Mounting Dual Purpose
- No-load Consumption is lower than 0.3W
- Comply with High Efficiency Power 80Plus Criterion
- Comply with 2010. Energy Conservation Power Erp Regulation
- Convection cooled high reliability
- 100% burn-in test
- 2 years warranty
- Output modify range: 3V~200VDC

DIMENSIONS: 103(H)*74(D)*45(W)mm

WEIGHTS: 181g

General specifications

INPUT

Input range
Input frequency
Inrush current (25°C)

180~264VAC
200~380VDC
47~63Hz
40A/220VAC

OUTPUT

Hold-up time
Short protection
Over load protection

13ms
Autorecovery
Automatic power limited

Detail specifications

60~72 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.					
NL1060D-12	V : +12V ±10%	0A	5A	5A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
NL1072D-24	V : +24V ±10%	0A	3A	3A	240mV	±1%	±1%	85% Ref.	31.4 ~ 34.7V
NL1072D-48	V : +48V ±10%	0A	1.5A	1.5A	480mV	±1%	±1%	85% Ref.	64.7 ~ 71.4V

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 508 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.
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.

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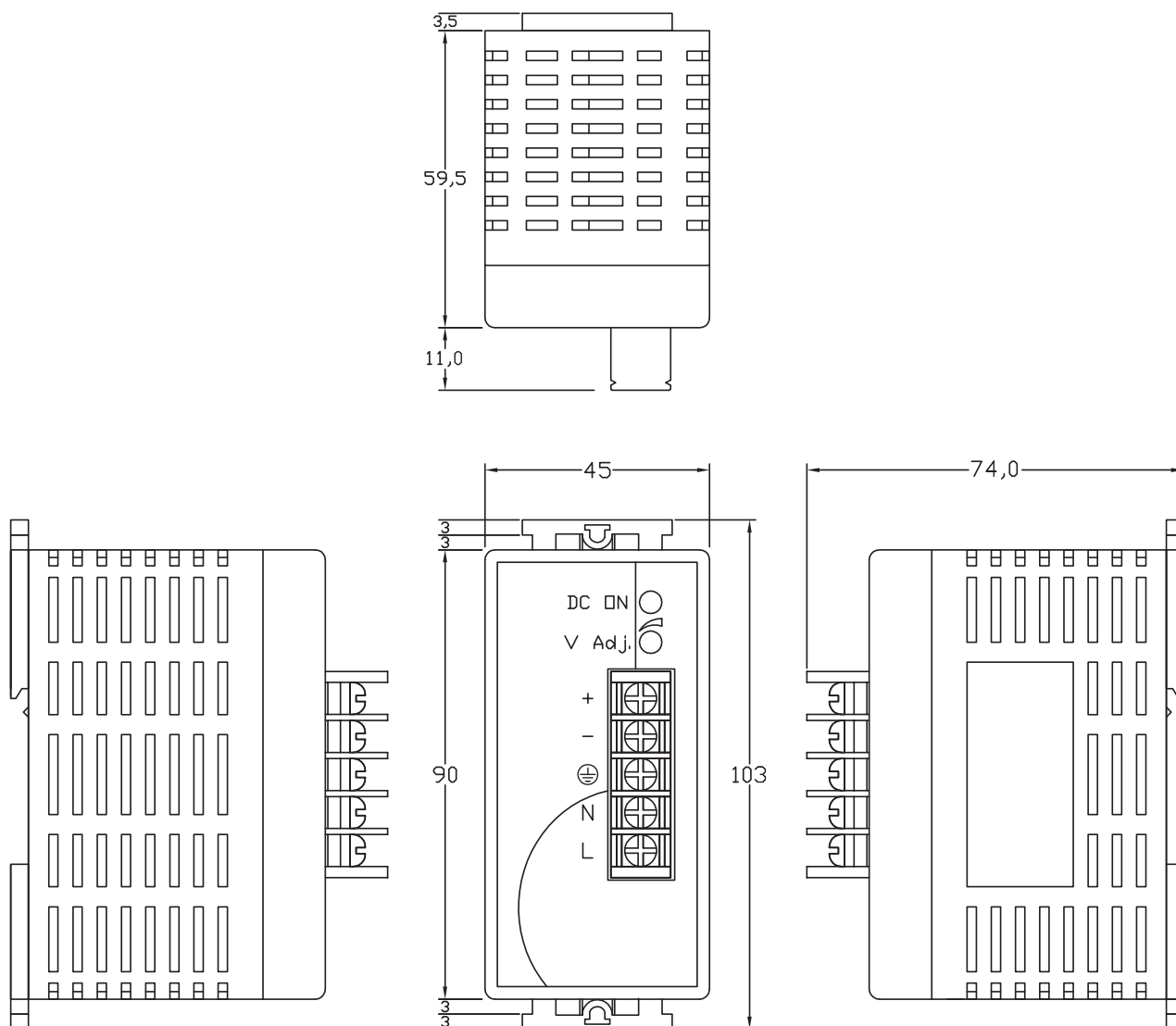


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Mechanical Details



Panel Designation

CASE NO. : CS024DR

UNIT : mm

DIMENSION : 103(H)*74(D)*45(W)

MATERIAL : PLASTIC

COLOR : GRAY

Symbol	Description
N	Neutral Terminal Of AC Input (No Polarity At DC Input)
L	Line Terminal Of AC Input (No Polarity At DC Input)
⊕	Grounding (Earth)
-	DC Negative Output Terminal
+	DC Positive Output Terminal
DC ON	Blue LED Indicator
V adj.	Potentiometer For Output Voltage