



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:102(H)*35(D)*45(W)mm WEIGHTS: 117g

General specifications

INPUT

Input range
 Input frequency
 Max. I/P current / Inrush current (25°C)
 No Frame Ground Design

180~264VAC
 200~380VDC
 47~63Hz
 0.6A/80A@220VAC

OUTPUT

Hold-up time
 Short protection
 Over load protection

13ms
 Autorecovery
 Automatic power limited

Detail specifications

40~50 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.					
NL1040D-12	V : +12V ±10%	0A	3.33A	3.33A	120mV	±1%	±1%	85% Ref.	17.1 ~ 18.9V
NL1050D-24	V : +24V ±10%	0A	2.1A	2.1A	240mV	±1%	±1%	87% Ref.	31.4 ~ 34.7V

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 508 APPROVAL
 LISTED IND. CONT. EQ. 526B E225775
 CE Marking
 Double Insulated

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

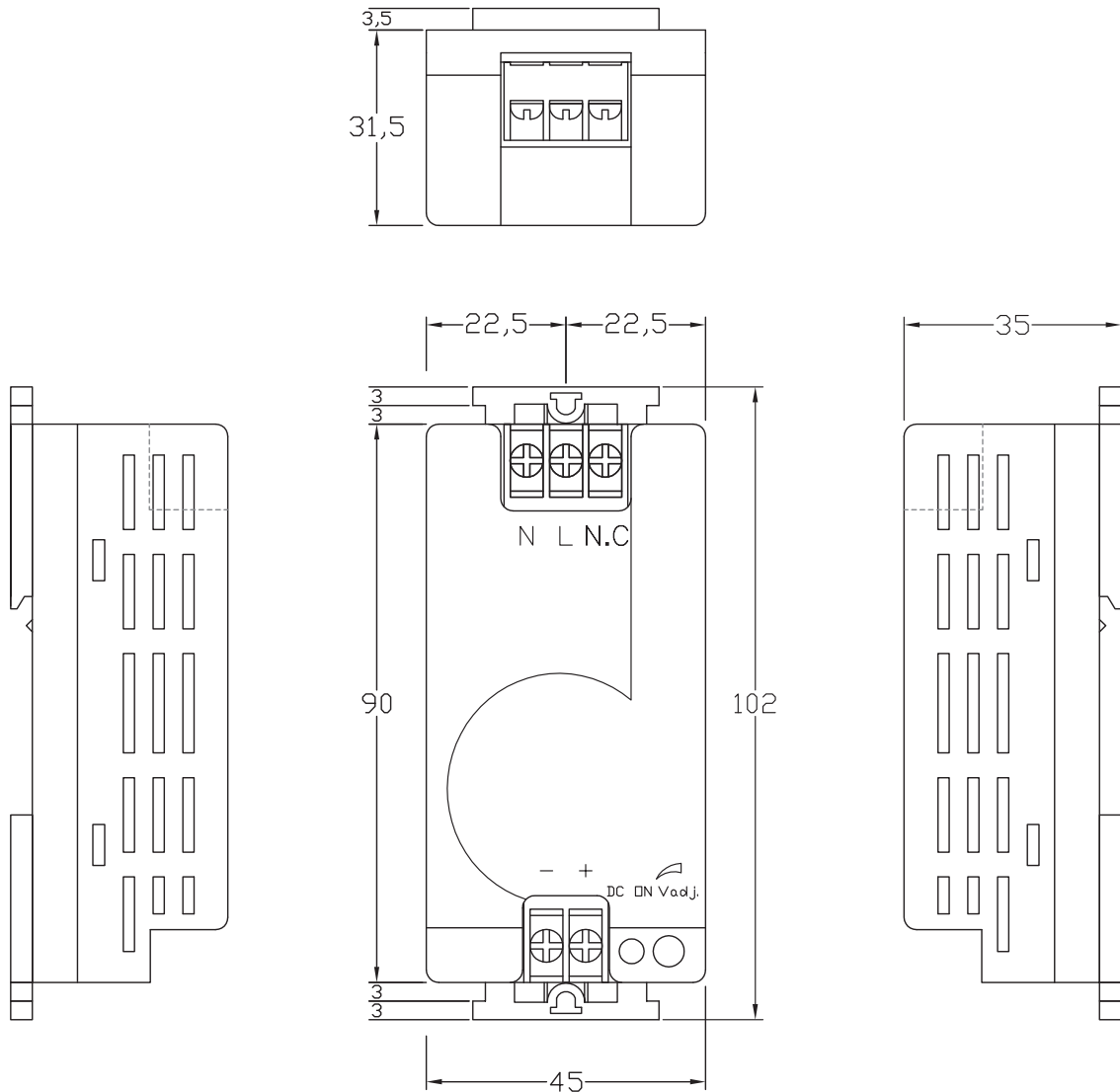
NOTE

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. With ● are CE approved but are NOT UL approved.
8. Output Voltage Adjustable is measured on 5% of rated load.
9. Reign Power reserve the right to change specifications at any time without notice.



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Mechanical Details



Panel Designation

CASE NO. : CS025D
 UNIT : mm
 DIMENSION : 102(H)*35(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)
N.C	No connection
-	DC Negative Output Terminal
+	DC Positive Output Terminal
DC ON	Blue LED Indicator
V adj.	Potentiometer For Output Voltage