



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

180~264VAC

200~380VDC

Input frequency

47~63Hz

Inrush current (25°C)

80A/220VAC

No Frame Ground Design

OUTPUT

Hold-up time

13ms

Short protection

Autorecovery

Over load protection

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



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

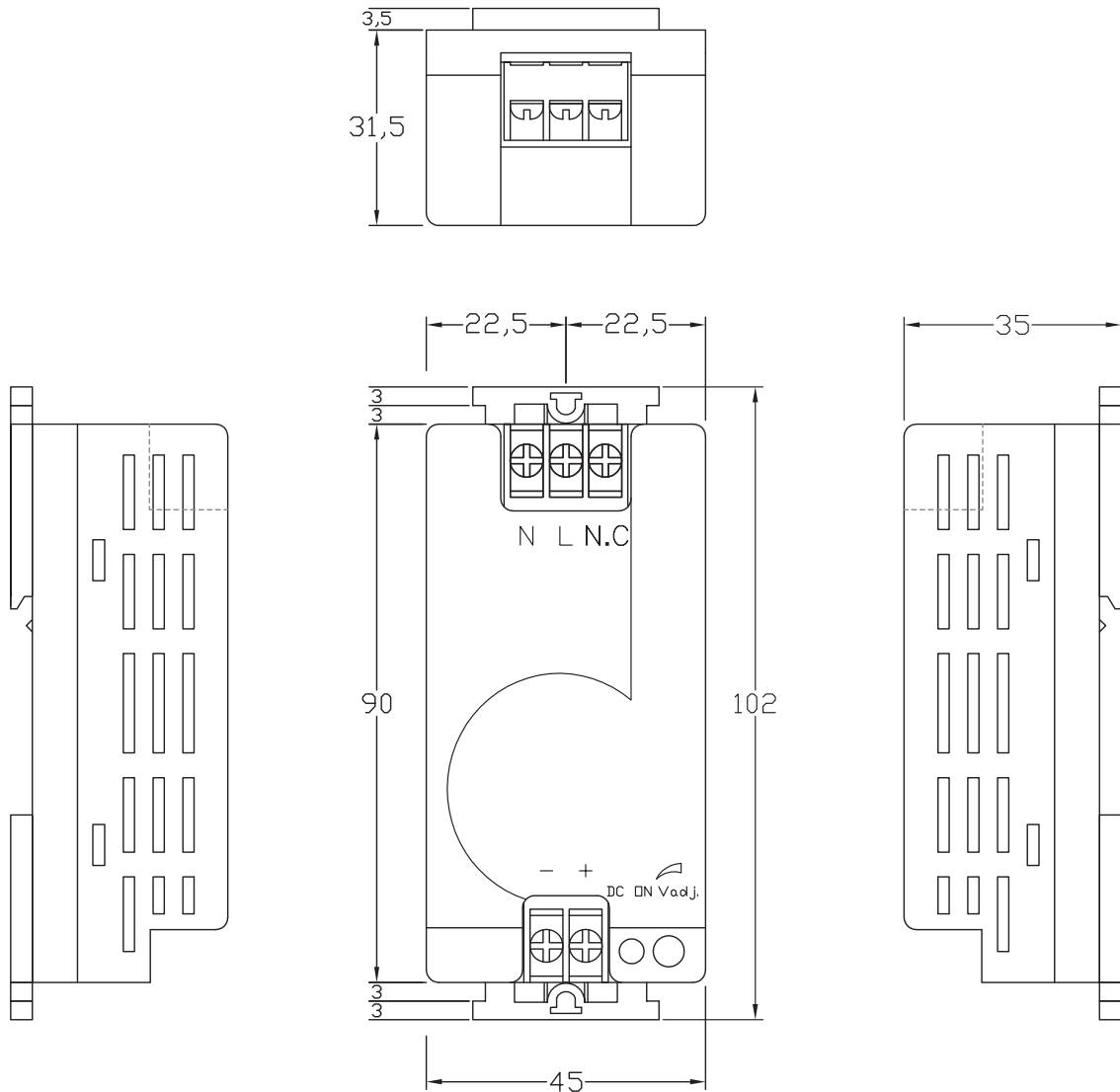
NOTE

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.



All the patents are held accountable counterfeiting.

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 |