



## Features

- Din Rail/ Screw 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
- Output Voltage Monitor Display
- Convection cooled
- Wide input range
- 100% burn-in test
- 1 year Warranty



DIMENSIONS : 102(H) x 75.5(D) x 45(W)mm  
WEIGHTS: 181g

## 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	13mS
Short protection	Autorecovery
Overload protection	Automatic Power Limited

## Detail specifications

### 50 Watts

MODEL	O/P Volt Adj. ± %	Load(Current) <sup>1</sup>			Ripple & Noise <sup>4</sup>	Line REG. <sup>2</sup>	Load REG. <sup>3</sup>	Efficiency <sup>5</sup>	O.V.P
		Min.	Rated	Max.					
MSPS05024D-LED	V1: +24V ±10%	0A	2.1A	2.1A	240mVp-p	±1%	±1%	86% Ref.	31.4 ~ 34.7V

## EMC Standards

EN 55032, EN 55024  
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 62368-1:2014

## Safety Standards



UL 508  
CE Certified

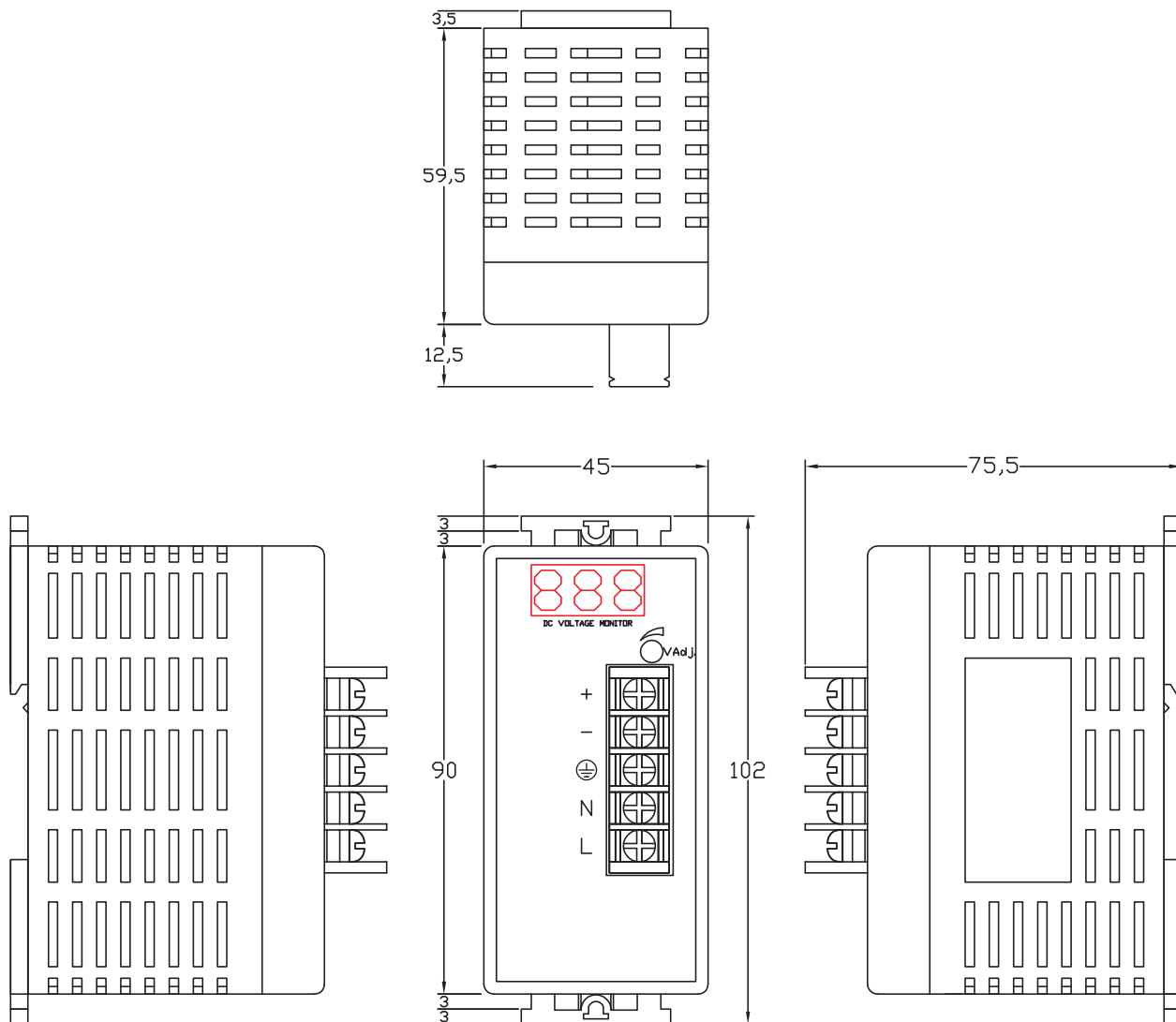
## Environments

Operating Temperature -15 ~ 50°C, Ambient  
Operating Humidity 20 ~ 95% 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 at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor.
  5. Efficiency is measured at rated load and 220VAC input
  6. Hold-up time is measured at rated load and 220VAC input
  7. No Load consumption 1.5W and No Energy Conservation Power Erp Regulation
  8. Output Voltage Adjustable is measured at 5% of rated load

The factory retained the right to modify all specifications without notice

**Mechanical Details**



**Connection Terminal**

Unit : mm  
 Dimension : 102(H)\*75.5(D)\*45(W)  
 Material : Plastic  
 Color : Grey

Signal	Description
L	AC Live Input
N	AC Neutral Input
⊕	Grounding (Earth)
+	DC Positive Output Terminal
-	DC Negative Output Terminal
DC Voltage Monitor	Display Output Voltage
V adj.	Potentiometer For Output Voltage

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