



Features

- Dual Purpose Standard Screw or Din Rail Mounting
- No-Load Consumption is lower than 0.3W
- Comply with High Efficiency power 80Plus Criterion
- Comply with 2010 Energy Conservation Power Erp Regulation
- High reliability convection cooled
- 100% burn-in test
- 1 year warranty



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

General specifications

INPUT

Input range 180~264VAC  
200~380VDC  
Input frequency 47~63Hz  
Inrush current (25°C) 80A/220VAC

OUTPUT

Hold-up time 13mS  
Short protection Autorecovery  
Over load 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.					
MSE5024D	V1: +24V ±10%	0A	2.1A	2.1A	240mVp-p	±1%	±1%	87% 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

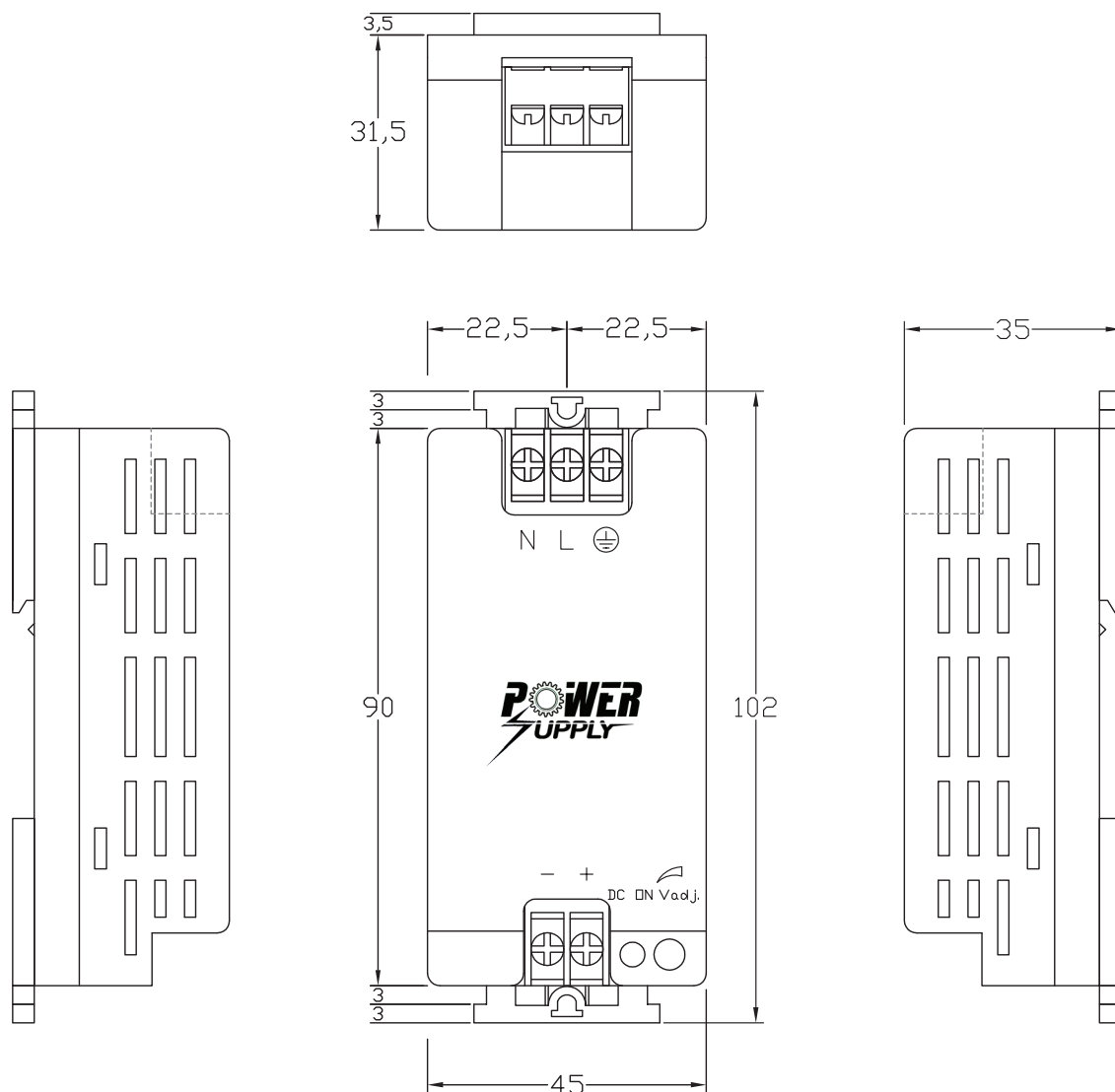
UL 508  
 CE Certified

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. Output Voltage Adjustable is measured at 5% of rated load

The factory retained the right to change or modify all specifications without notice

**Mechanical Details**

**Connection Terminal**

Unit : mm  
 Dimension : 102(H)\*35(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 ON	Blue LED Power On Indicator
V adj.	Potentiometer For Output Voltage

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