

### AC-DC Switching Power Supply

#### Features

- **Standard/Din Rail Mounting Dual Purpose**
- **Convection Cooled**
- **100% burn-in test**
- **MOSFET designed**
- **1 year Warranty**
- **Output modify range: 3V~200VDC**



DIMENSIONS : 104(H) x 35(D) x 45(W)mm



#### General specifications

##### INPUT

Input range	90~264VAC
Input frequency	47~63Hz
Inrush current (25°C)	40A/220VAC

##### OUTPUT

Hold-up time	13mS
Short protection	Autorecovery

#### Detail specifications

##### 20~25 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.					
FUS-20D-5	V1: +5V ±10%	0A	4A	4A	50mVp-p	±1%	±1%	70% Min.	6 ~ 7.5V
FUS-25D-12	V1: +12V ±10%	0A	2A	2A	120mVp-p	±1%	±1%	75% Min.	14 ~ 17V
FUS-25D-24	V1: +24V ±10%	0A	1A	1A	150mVp-p	±1%	±1%	76% Min.	28 ~ 34V

#### EMC Standards

EN55022 CLASS A  
 EN61000-3-2, EN61000-3-3  
 EN55024(IEC61000-4-2,  
 IEC61000-4-3, IEC61000-4-4  
 IEC61000-4-5, IEC61000-4-6  
 IEC61000-4-8, IEC61000-4-11)

#### Safety Standards

UL/CSA 60950 Meet  
 CE 60950 Marking

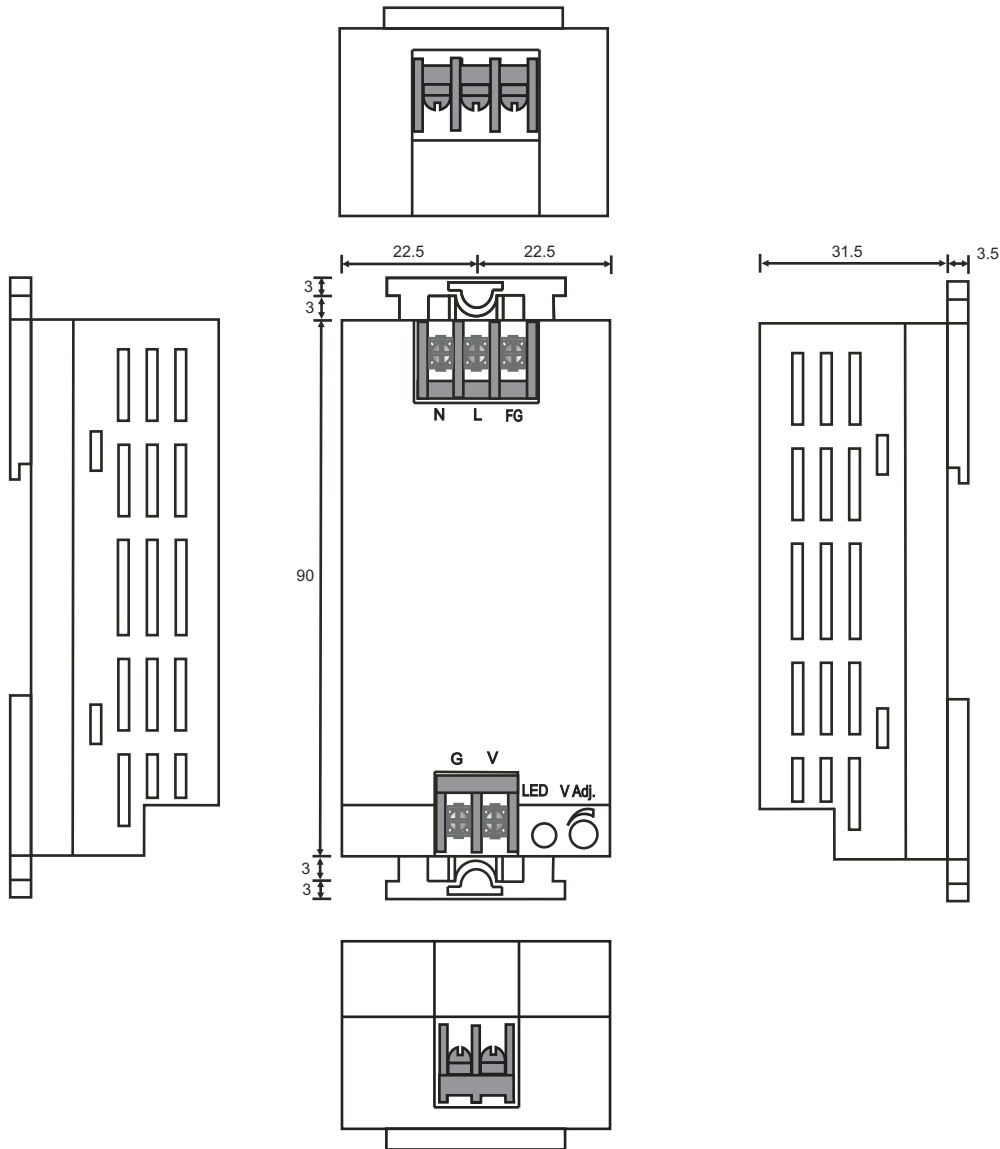
#### Environments

**Operating Temperature** -15 ~ 50°C, Ambient  
**Operating Humidity** 5 ~ 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 110VAC input.
  4. Ripple & Noise is measured by using a 0.1uF/630V metalized capacitor & a 47uF electrolytic capacitor parallel on the test point, at rated load and 110VAC input.
  5. Efficiency is measured at rated load and 110VAC input.
  6. Hold-up time is measured at rated load and 110VAC input.

**All Specifications be retained the right to modify by fullwat®**

**Mechanical Details**



**Panel Designation**

CASE NO.:CS025

UNIT:mm

DIMENSIONS:104(H)\*35(D)\*45(W)

Single	Description
L	L:Line Terminal of Input
N	N:Neutral Terminal of Input
FG	FG:Ground(Earth)
G	G:DC Output Ground Terminal
V	Vx:DC Output Terminal

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