

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) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	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

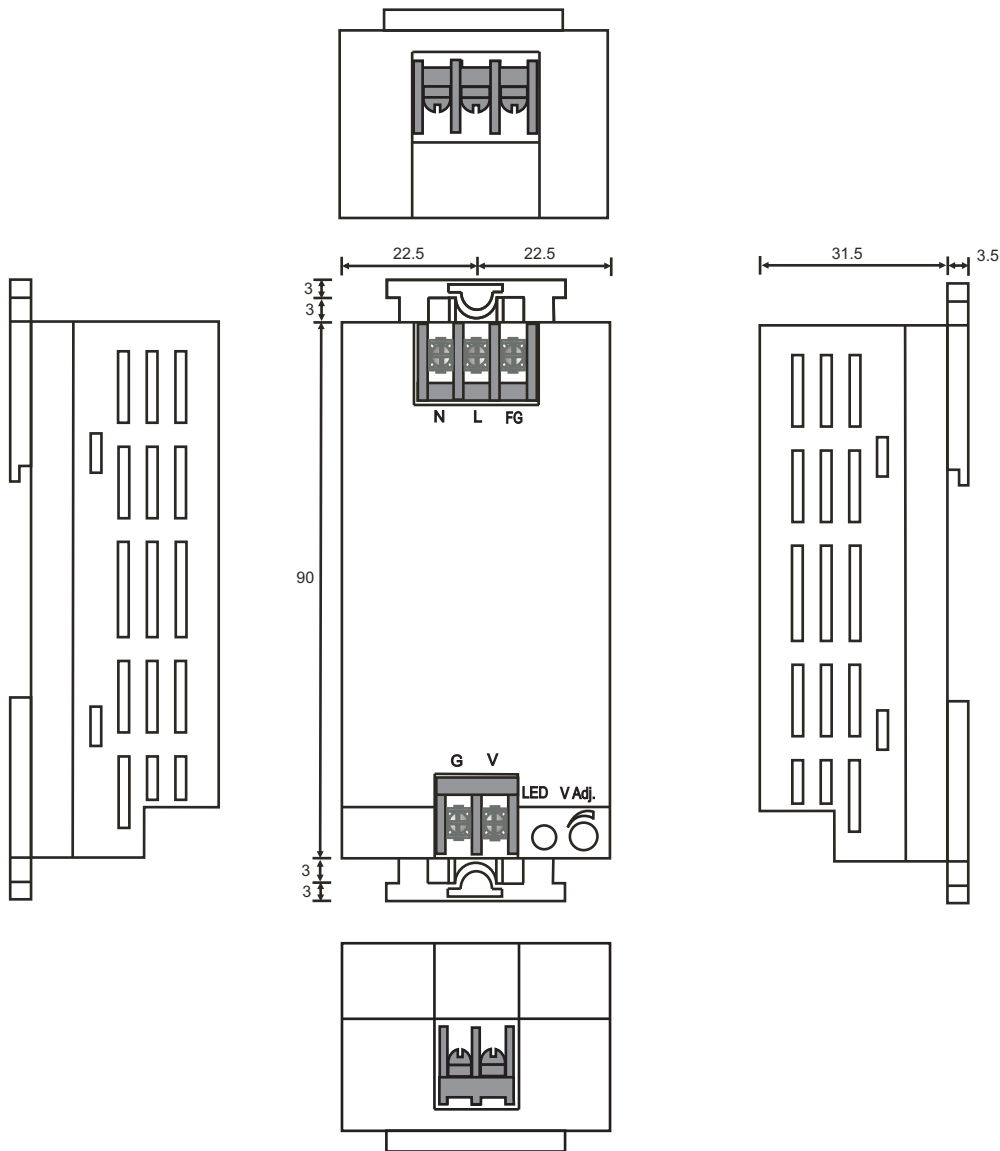
Operating Temperature -15 ~ 50°C, Ambient
Operating Humidity 5 ~ 95% RH, No Condensing
Storage Temperature -20 ~ 85°C, Ambient
Vibration 2G, 10~500Hz, 3 axes

- 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®

<http://www.ukai.com-ukai@ukai.com>

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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