

## AC-DC Switching Power Supply

### Features

- **Standard/Din Rail Mounting Dual Purpose**
- **Convection cooled**
- **Wide input range**
- **100% burn-in test**
- **MOSFET designed**
- **1 year Warranty**
- **Output modify range: 3V~400VDC**

DIMENSIONS : 90(H) x 76(D) x 45(W)mm  
WEIGHTS: 230g



### General specifications

#### INPUT

Input range                      180~264VAC  
    200~380VDC  
 Input frequency                47~63Hz  
 Inrush current (25°C)        40A/220VAC

#### OUTPUT

Hold-up time                      13mS  
 Short protection                Autorecovery

### Detail specifications

#### 40~50 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>
		Min.	Rated	Max.				
FUS-40D-5	V1: +5V ±10%	0A	8.0A	8.0A	50mVp-p	±1%	±1%	78% Min.
FUS-50D-12	V1: +12V ±10%	0A	4.2A	4.2A	100mVp-p	±1%	±1%	81% Min.
FUS-50D-24	V1: +24V ±10%	0A	2.1A	2.1A	240mVp-p	±1%	±1%	81% Min.

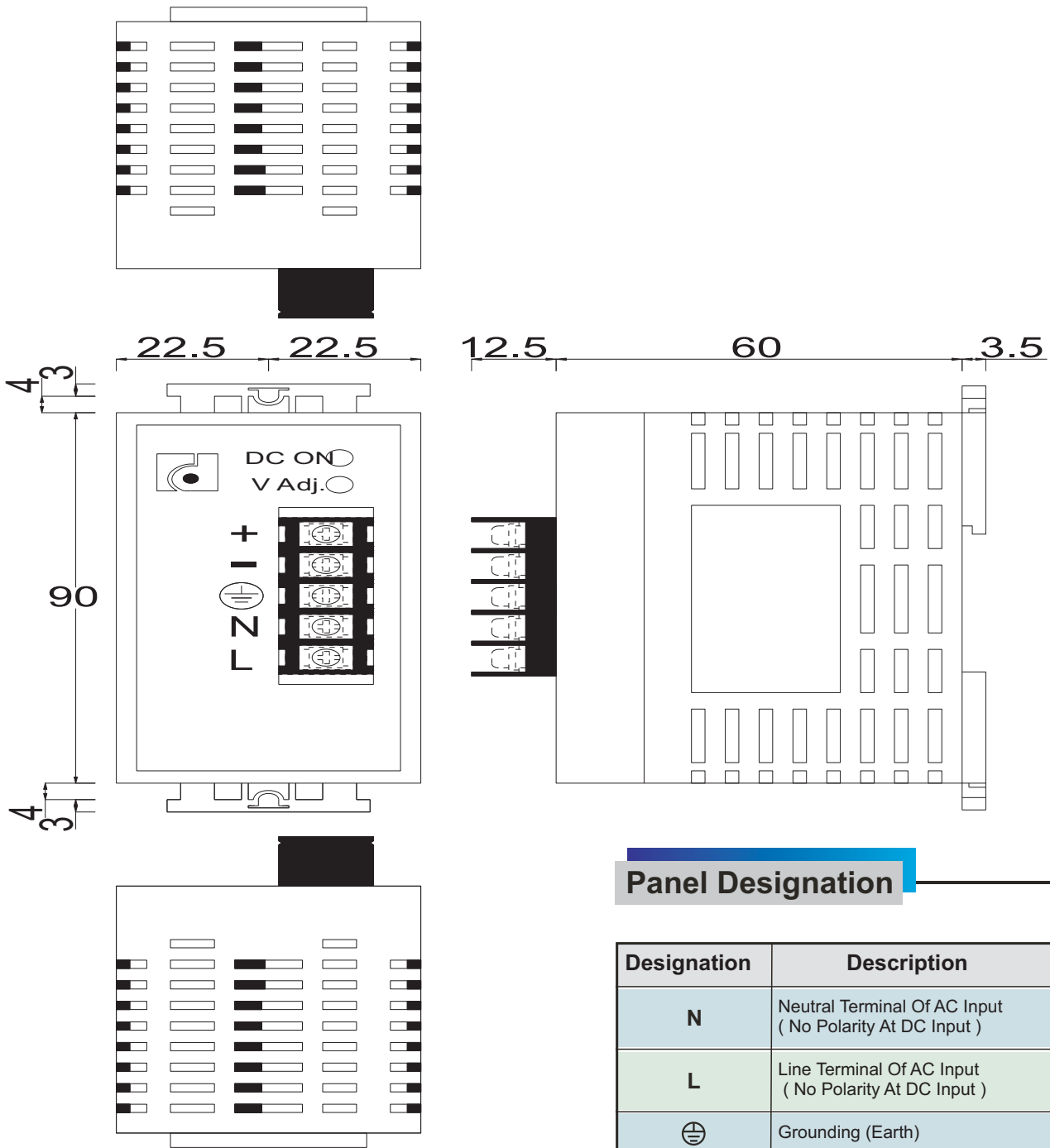
### Environments

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**



UNIT:mm  
CASE NO.:CS024DR  
MATERIAL:PLASTIC  
COLOR:GRAY  
DIMENSIONS:104(H)x76(D)x454(W)mm

**Panel Designation**

Designation	Description
N	Neutral Terminal Of AC Input ( No Polarity At DC Input )
L	Line Terminal Of AC Input ( No Polarity At DC Input )
⊕	Grounding (Earth)
-	DC Negative Output Terminal
+	DC Positive Output Terminal
V ADJ.	Potentiometer For Output Voltage
DC ON	Green LED Indicator