

# DRP-120D

# DIN Rail

# 120W

Operating Temperature : -15 ~ 50° C

Dimension : 100 x 90 x 110 mm

Approvals / Marks : UL, CSA, CE



### Features:

Single Output with Universal input 100~240 VAC and Power Factor Correction

Installable on DIN rail TS35 / 7.5 or 15

Overload & over voltage protection

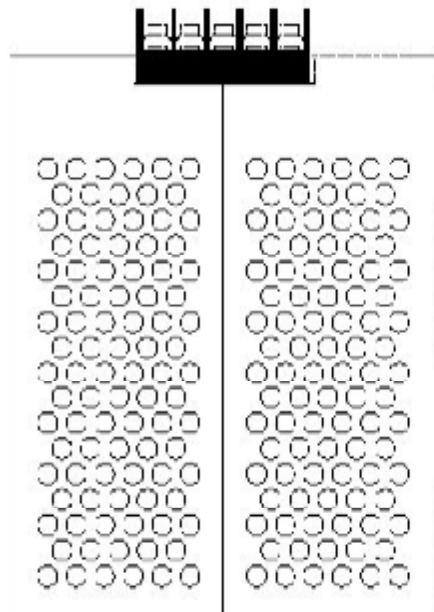
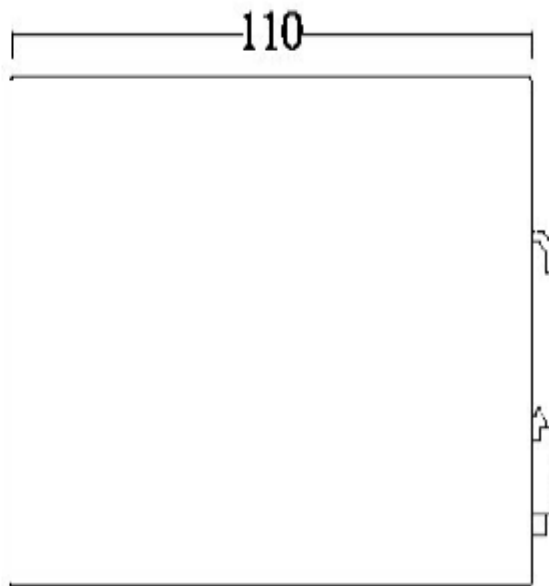
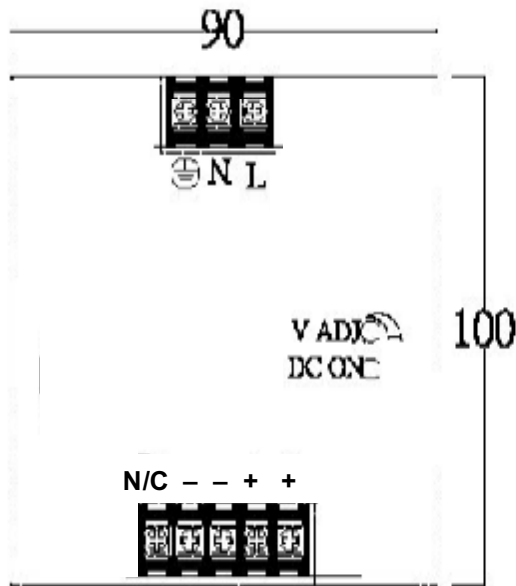
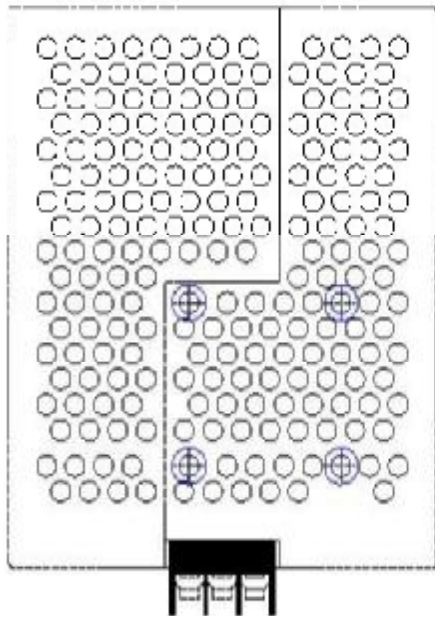
Short circuit shutdown & auto recovery

100% burn-in tested

1 year warranty

### Specification:

MODEL		DRP-120D-12CTN	DRP-120D-24CTN	DRP-120D-48CTN
	Voltage (VDC)	12V	24V	48V
	min. Load	0A	0A	0A
	Rated Load	10A	5A	2.5A
	max. Load	10A	5A	2.5A
	Tolerance	± 1%	± 1%	± 1%
	Ripple & Noise (max)	100mV	150mV	250mV
	Efficiency (min)	79%	81%	82%
Max. Output Power		120W		
Output Voltage adjustment range		± 10%		
INPUT	Voltage	Universal input 100~240 VAC or 127~380VDC		
	Frequency	47 ~ 63 Hz		
	Current	3A max.		
	Inrush Current	<40A@220VAC / <20A@110VAC @ 25°C		
	P.F.C.	> 0.95		
Country of Origin		China		
PROTECTION	Overload	auto power limiting		
	Over Voltage	15 ~ 18VDC	27.6 ~ 31VDC	52 ~ 58VDC
	Over Temp.	-		
	Short Circuit	Shutdown, auto recovery after fault has been removed		
OTHERS	Holdup time	> 16ms @ 110VAC		
	Cooling	Free air convection		
	Vibration	2G, 10~500Hz, 3 axes		
	Country of Origin	China		
Environment	Temperature	Operating: -15 ~ 50°C / Storage: -20 ~ 85°C		
	Humidity	Operating: 5% ~ 95% RH (non condensing)		
M.T.B.F.	> 210K hours (according to MIL-HDBK-217F at 25°C environment)			
SAFETY	Approved:	UL 60950 / CSA 60950 / CE		
EMC	EMI	EN55022 Class B / EN 61000-3-2, 3		
	EMS	EN55024 / EN61000-4-2,3,4,5,6,8,11		
WEIGHT	N.W. : 800g			



SYMBOL	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)
C/N	Not Connected
-	DC Negative Output Terminal
+	DC Positive Output Terminal
V Adj.	Potentiometer for Output Voltage
DC On	Green LED Power Indicator