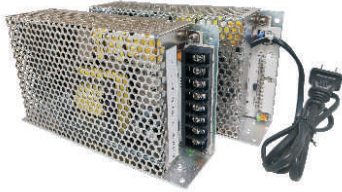




Features



DIMENSIONS: 190(L) x 106(W) x 50(H)mm

- Convection cooled
- 100% burn-in test
- Build-in line filter
- Great reliability
- MOSFET designed
- 120,000 Hrs MTBF per MIL-HDBK-217F
- 2 years Warranty
- **Output modify range: 3.3V~200VDC**

General specifications

INPUT

Input range	100~240VAC
	127~380VDC
Input frequency	47~63Hz
Inrush current (25° C)	20A/110VAC
	40A/220VAC

OUTPUT

Hold-up time	16mS
Short protection	Autorecovery
Overload protection	Automatic power limited
Over voltage protection	Autorecovery

Detail specifications

150 Watts Rated, 387 Watts Peak (3 seconds)

MODEL	O/P Volt Adj. ± %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵
		Min.	Rated	Max.				
RP11501FP	V1: +24V ±10%	0A	6.25A	15A(peak)	240mVp-p	±1%	±1%	83% Min.
RP11502FP	V1: +36V ±10%	0A	4.2A	10.5A(peak)	360mVp-p	±1%	±1%	83% Min.
RP11503FP	V1: +48V ±10%	0A	3.125A	8A(peak)	500mVp-p	±1%	±1%	84% Min.
RP21501FP	V1: +24V ±10%	0A	5.6A	15A(peak)	240mVp-p	±1%	±1%	82% Min.
	V2: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	
RP21502FP	V1: +36V ±10%	0A	3.75A	10A(peak)	360mVp-p	±1%	±1%	83% Min.
	V2: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	
RP21503FP	V1: +48V ±10%	0A	2.8A	7.5A(peak)	500mVp-p	±1%	±1%	83% Min.
	V2: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	
RP31501FP	V1: +24V ±10%	0A	4.1A	13A(peak)	240mVp-p	±1%	±1%	82% Min.
	V2: +12V -----	0A	3A	3A	120mVp-p	±5%	±2%	
	V3: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	
RP31502FP	V1: +36V ±10%	0A	2.7A	9.3A(peak)	360mVp-p	±1%	±1%	81% Min.
	V2: +12V -----	0A	3A	3A	120mVp-p	±5%	±2%	
	V3: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	
RP31503FP	V1: +48V ±10%	0A	2.1A	7A(peak)	500mVp-p	±1%	±1%	84% Min.
	V2: +12V -----	0A	2A	3A	120mVp-p	±5%	±2%	
	V3: +5V -----	0A	3A	3A	70mVp-p	±2%	±1%	






MODEL	O/P Volt Adj. \pm %	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵
		Min.	Rated	Max.				
RP31504FP	V1: +48V \pm 10%	0A	2.2A	7A(peak)	500mVp-p	\pm 1%	\pm 1%	84% Min.
	V2: +12V -----	0A	3A	3A	120mVp-p	\pm 5%	\pm 5%	
	V3: -12V -----	0A	-0.65A	-0.65A	-50mVp-p	\pm 2%	\pm 2%	
RP31505FP	V1: +48V \pm 10%	0A	1.6A	6.3A(peak)	500mVp-p	\pm 1%	\pm 1%	84% Min.
	V2: +24V -----	0A	2.7A	3A	240mVp-p	\pm 5%	\pm 5%	
	V3: -24V -----	0A	-0.4A	-0.4A	-50mVp-p	\pm 2%	\pm 2%	
RP41501FP	V1: +48V \pm 10%	0A	1.5A	5A(peak)	500mVp-p	\pm 1%	\pm 1%	83% Min.
	V2: +24V -----	0A	1.5A	5A(peak)	240mVp-p	\pm 7%	\pm 2%	
	V3: +12V -----	0A	2A	3A	120mVp-p	\pm 5%	\pm 2%	
	V4: +5V -----	0A	3A	3A	70mVp-p	\pm 2%	\pm 1%	
RP41502FP	V1: +48V \pm 10%	0A	1.6A	5A(peak)	500mVp-p	\pm 1%	\pm 1%	83% Min.
	V2: +36V -----	0A	1A	3.6A(peak)	360mVp-p	\pm 1%	\pm 1%	
	V3: +12V -----	0A	1.2A	1.2A	100mVp-p	\pm 2%	\pm 2%	
	V4: +5V -----	0A	1.3A	1.3A	70mVp-p	\pm 2%	\pm 2%	
RP41503FP	V1: +48V \pm 10%	0A	1.5A	4.5A(peak)	500mVp-p	\pm 1%	\pm 1%	84% Min.
	V2: +24V -----	0A	1.5A	5A(peak)	240mVp-p	\pm 5%	\pm 5%	
	V3: +12V -----	0A	2.5A	2.5A	70mVp-p	\pm 2%	\pm 2%	
	V4: -12V -----	0A	-0.65A	-0.65A	-50mVp-p	\pm 2%	\pm 2%	

EMC Standards

EN 55022 CLASS B (Meet),
EN 61000-3-3 (Meet),
EN 50081-1 (Meet),
EN 50082-1 (Meet)

Safety Standards

 UL 60950 (Meet)
 CSA 60950 (Meet)
 CE 60950 (Meet)

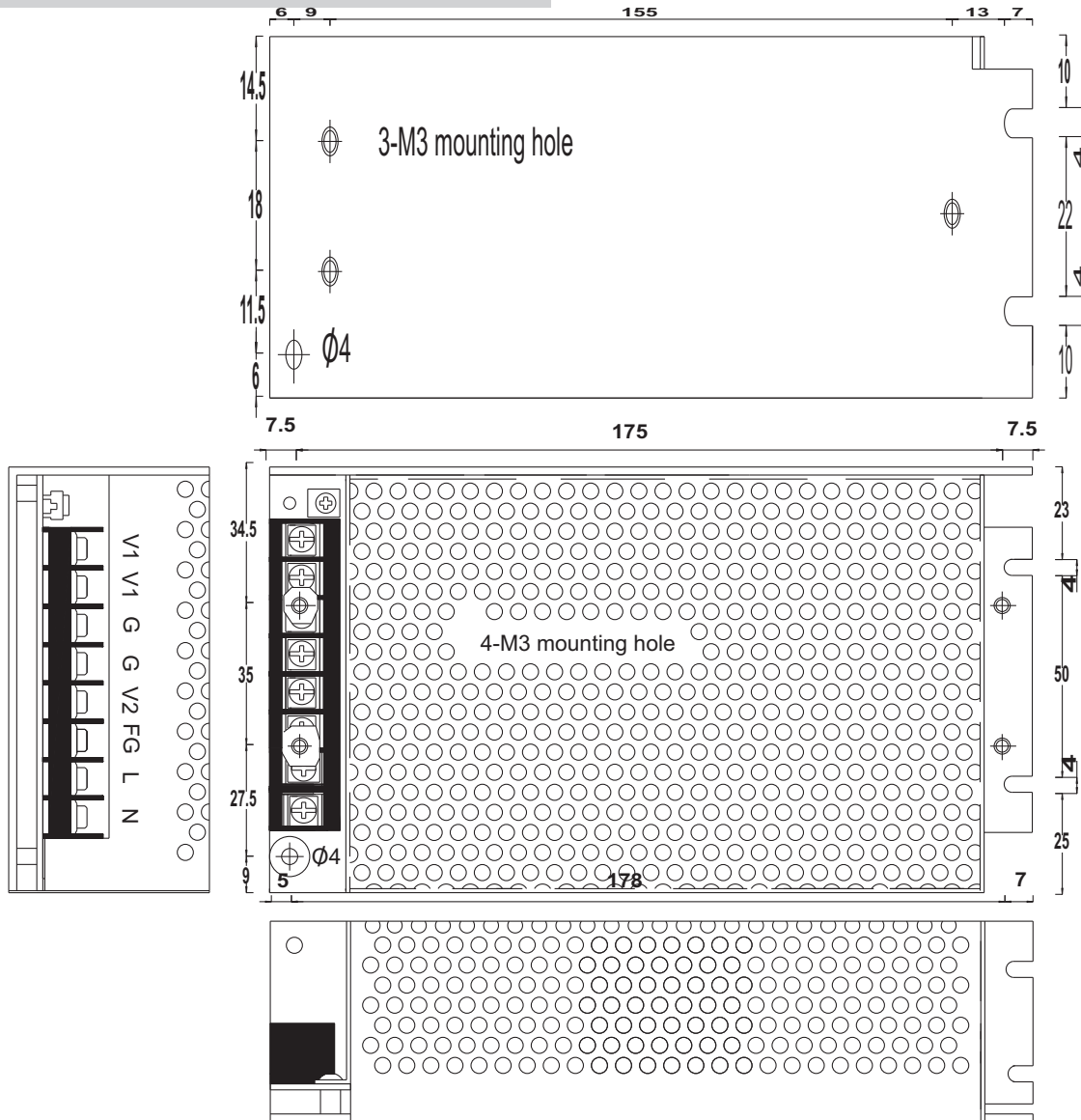
Environments

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:**
- Each output can provide up to maximum load, but total load can not exceed rated output power.
 - Line regulation is measured from low line to high line at rated load.
 - Load regulation is measured from 20% to 100% of rated load at 220VAC input.
 - 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 220VAC input.
 - Efficiency is measured at rated load and 220VAC input.
 - Hold-up time is measured at rated load and 220VAC input.
 - Reign Power reserve the right to change specifications at any time without notice.



Mechanical Details



Panel Designation

PCB Barrier Terminal Block

Pin	Single	Dual	Description
1	L	L	L : Line Terminal of Input
2	N	N	N : Neutral Terminal of Input
3	FG	FG	FG : Ground (Earth) No Polarity At DC Input
4	NC	V2	NC : No connection
5,6	G	G	G : DC Output Ground Terminal
7,8	V1	V1	Vx : DC Output Terminal (Specify at spec.)

CASE NO. : CS150

UNIT : mm

DIMENSIONS : 190(L) x 106(W) x 50(H)