

AC/DC Switching Open Frame

ELECTRICAL SPECIFICATIONS

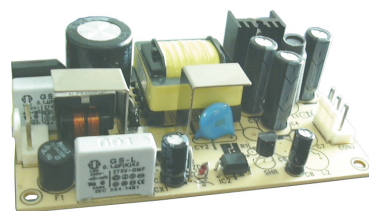
- Input range : 90 ~ 264 VAC / 127 ~ 380 VDC
- Input Frequency : 47 - 440Hz
- Inrush Current (25°C) 20A @ 110VAC; 40A @ 220VAC MAX

OUTPUT

- Short Protection: Autorecovery
- Overload Protection: Automatic Power Limited
- Over Voltage Protection: Autorecovery
- Hold-up time : 16ms
- Outputs Can Be Modified From 3V~200VDC

SAFETY STANDARDS

	UL	60950	Meet
	CSA	60950	Meet
	CE	Marking	



DIMENSIONS : 94(L) x 49(W) x 23(H)mm

EMI STANDARDS

EN 55022 CLASS B
 EN 61000 -3-2 CLASS A
 EN 61000 -3-3, EN 55024
 (IEC 61000 -4-2, IEC 61000 -4-3
 IEC 61000 -4-4, IEC 61000 -4-5
 IEC 61000 -4-6, IEC 61000 -4-8
 IEC 61000 -4-11)

ENVIRONMENTAL

- 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

DC OUTPUT & FEATURES

MODEL	O/P Volt	Load(Current) ¹			Ripple & Noise ⁴	Line REG. ²	Load REG. ³	Efficiency ⁵	O.V.P
		Min.	Rated	Max.					
F115 - 05	V1: +5V	0A	3.5A	3.5A	50mVp-p	±2%	±2%	72% Min.	6 ~ 7.5V
F115 - 12	V1: +12V	0A	1.66A	1.66A	100mVp-p	±2%	±2%	74% Min.	14 ~ 17V
F115 - 15	V1: +15V	0A	1.33A	1.33A	150mVp-p	±2%	±2%	77% Min.	17 ~ 22V
F115 - 24	V1: +24V	0A	0.83A	0.83A	150mVp-p	±2%	±2%	78% Min.	28 ~ 34V
F215 - 1S	V1: +5V	0A	1.5A	3A	50mVp-p	±2%	±2%	70% Min.	6 ~ 7.5V -----
	V2: +12V	0A	0.62A	0.62A	100mVp-p	±2%	±4%		
F215 - 2S	V1: +5V	0A	0.89A	-----	50mVp-p	±2%	±2%	73% Min.	6 ~ 7.5V -----
	V2: +24V	0A	0.44A	-----	150mVp-p	±2%	±4%		

- 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 110VAC 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 110VAC input.
 - Efficiency is measured at rated load and 110VAC input.
 - Hold-up time is measured at rated load and 110VAC input.



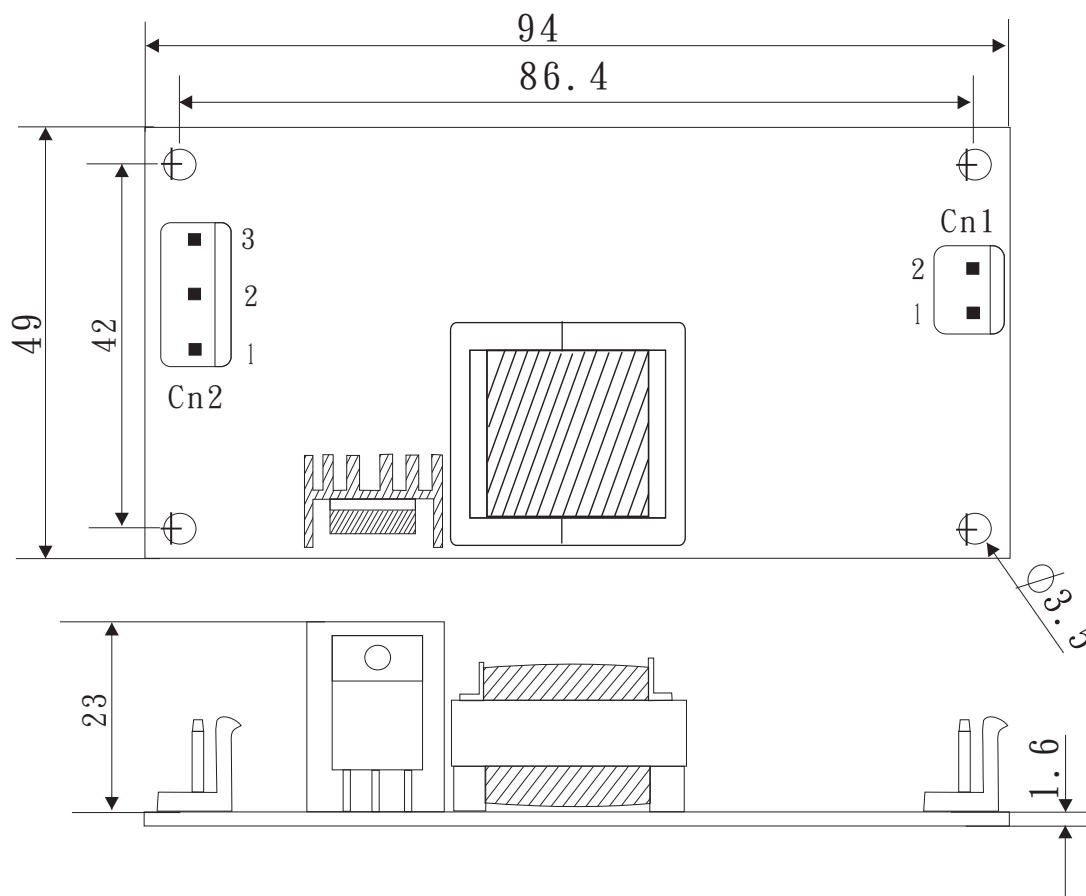
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AC/DC Switching Open Frame
MECHANICAL SPECIFICATION


Input connector (Cn1)
3.96mm crimp style connector
3Pin 3.96mm.

Pin	Input	Description
1	N	Neut r al T er m i n a l o f A C I n p u t
2	L	L i n e T e r m i n a l o f A C I n p u t

No Polarity At DC Input

CASENO: F115-20
UNIT: mm
DIMENSIONS:
94(L)*49(W)*23(H)mm

DC Output Connector (Cn2)

3.96mm crimp style connector
Single output: 2Pin. 3.96mm.
Dual output: 3Pin. 3.96mm.

Pin	Single	Dual	Description
1	V1	V1	G D C O u t p u t G r o u n d T e r m i n a l
2	G	G	Vx: D C O u t p u t T e r m i n a l
3		V2	(S p e c i f y a t s p e c .)