

AC/DC Switching Open Frame



DIMENSIONS : 165(L) x 63(W) x 40(H)mm



ELECTRICAL SPECIFICATIONS

- Input range : 90 ~ 132/180~264VAC (Selectable)
- 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

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

SAFETY STANDARD

-  UL 60950 Meet
- CSA 60950 Meet
-  CE 60950 Marking

EMC STANDARDS

- EN 55022 CLASS B
- EN 61000-3-2 CLASS A
- EN 61000-3-3
- EN 50081-1
- EN 50082-1

DC OUTPUT & FEATURES

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.					
F1100-05NM	V1: +5V ±10%	0A	20A	20A	50mVp-p	±1%	±1%	72% Min.	6 ~ 7.5V
F1100-12NM	V1: +12V ±10%	0A	8.3A	8.3A	100mVp-p	±1%	±1%	74% Min.	14 ~ 17V
F1100-15NM	V1: +15V ±10%	0A	6.6A	6.6A	150mVp-p	±1%	±1%	77% Min.	17 ~ 22V
F1100-24NM	V1: +24V ±10%	0A	4.16A	4.16A	150mVp-p	±1%	±1%	78% Min.	28 ~ 34V
F1100-48NM	V1: +48V ±10%	0A	2A	2A	150mVp-p	±1%	±1%	77% Min.	55 ~ 67V
F110021NM	V1: +5V ±10%	0A	10A	10A	50mVp-p	±1%	±1%	70% Min.	6 ~ 7.5V -----
	V2: +12V-----	0A	4A	4A	100mVp-p	±1%	±4%		
F110022NM	V1: +5V ±10%	0A	5.8A	5.8A	50mVp-p	±1%	±1%	73% Min.	6 ~ 7.5V -----
	V2: +24V-----	0A	3A	3A	150mVp-p	±1%	±4%		
F110023NM	V1: +5V ±10%	0A	10A	10A	50mVp-p	±1%	±1%	73% Min.	6 ~ 7.5V -----
	V2: +36V-----	0A	1.4A	1.4A	360mVp-p	±1%	±4%		
F110031NM	V1: +5V ±10%	0A	7A	7A	50mVp-p	±1%	±1%	73% Min.	6 ~ 7.5V ----- -----
	V2: +12V-----	0A	3.5A	5A	120mVp-p	±1%	±4%		
	V3: +24V-----	0A	1A	1A	240mVp-p	±1%	±7%		
F110032NM	V1: +5V ±10%	0A	8A	8A	50mVp-p	±1%	±1%	73% Min.	6 ~ 7.5V ----- -----
	V2: +15V-----	0A	1.5A	1.5A	150mVp-p	±1%	±4%		
	V3: +36V-----	0A	1A	1A	360mVp-p	±1%	±7%		

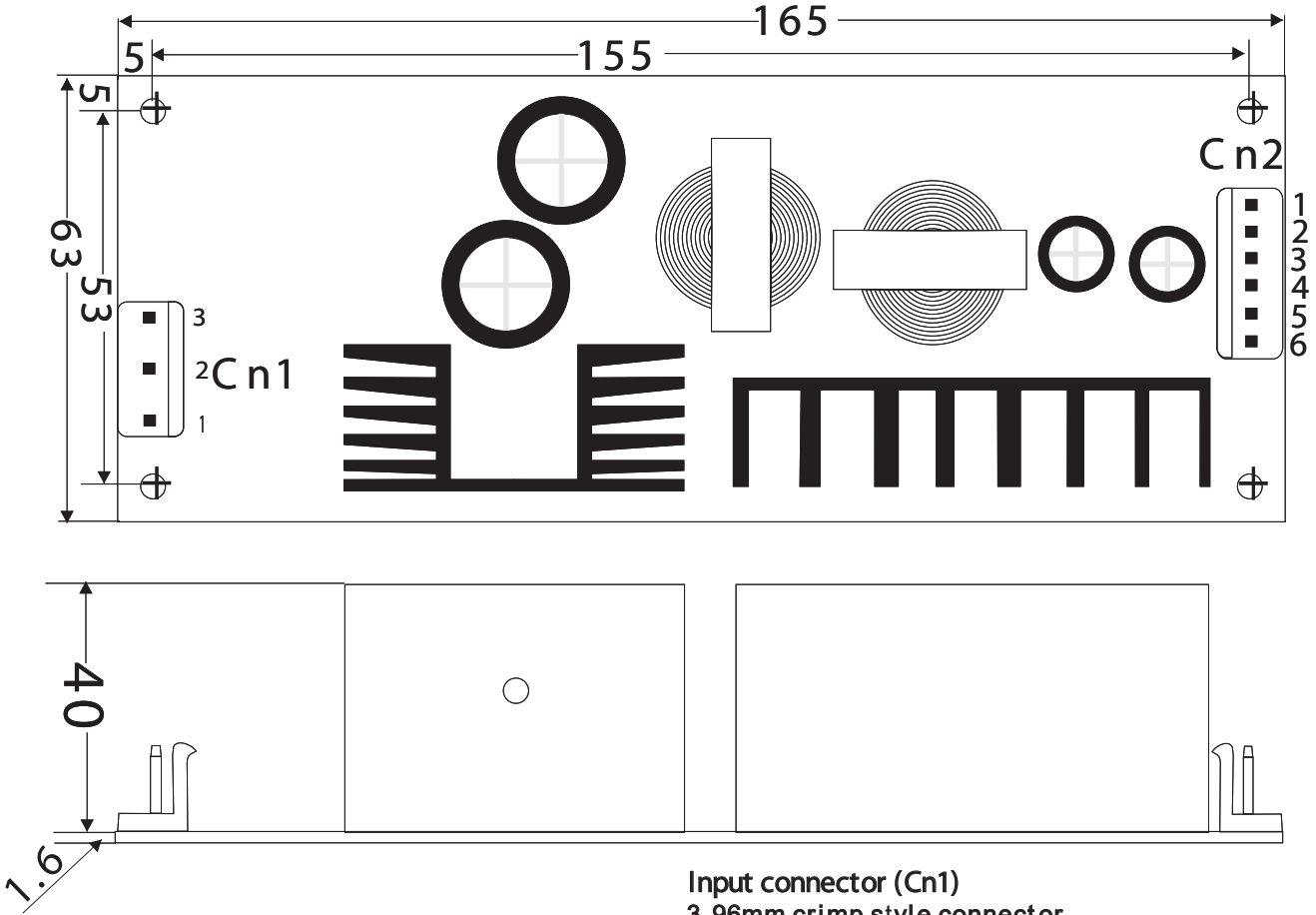
- NOTE:
1. Each output can provide up to maximum load, but total load can not exceed rated output power.
 2. Line regulation is measured from low line to high line at rated load.
 3. Load regulation is measured from 20% to 100% of rated load at 110VAC input.
 4. Ripple & Noise is measured by using a 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.



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MECHANICAL SPECIFICATION



CASE NO: F1100
 UNIT: mm
 DIMENSIONS:
 165(L) x 63(W) x 40(H)mm

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

Pin	Input	Description
1	N	Neutral Terminal of AC Input
2	L	Line Terminal of AC Input
3	G	Gnd

No Polarity At DC Input

DC Output Connector (Cn2)
 3.96mm crimp style connector
 Single output: 6Pin. 3.96mm.
 Dual output: 6Pin. 3.96mm.

Pin	Single	Dual	Description
1	V1	V3	G:DCO utput Ground Terminal Vx:DCO utput Terminal
2	G	V2	
3	G	G	
4	G	G	
5	V1	V1	
6	V1	V1	

