



# MEAN WELL

SWITCHING POWER SUPPLY  
ISO-9001 CERTIFIED MANUFACTURER

## PLF-2000 SERIES

### ■ 特點 Feature

- Low cost solution for CE regulation EN61000-3-2 / IEC-1000-3-2 class D harmonic current requirement
- Improve EMI condition
- High reliability, low cost
- Built-in type for electronic information, communication, and control, medical equipment use



### ■ 簡介 Instruction

PLF-2000 系列是基於環保意識而發展出來的，可有效解決電子產品所產生之電磁干擾和諧波電流問題，在能源有限的今天，做出最有效率的應用。

有了 PLF-2000，您的產品可符合 CE 對諧波電流規範 (IEC1000-3-2 / EN61000-3-2) 的要求，亦可大幅改善 EMC (IEC1000-4 / EN61000-4)。

PLF-2000 is developed on the basis of environment protection. It can efficiently solve EMC & harmonic current problems of electronic products, so to contribute the best appliance in our energy-limited world nowadays.

With PLF-2000, your products will meet harmonic current regulation (IEC1000-3-2 / EN61000-3-2) and also improve EMC (IEC1000-4 / EN61000-4) greatly.

### ■ 規格 Specifications

MODEL	PLF-2001	PLF-2002
SPECIFICATION		
INPUT VOLTAGE	1ø90~132VAC	1ø190~265VAC
RATED CURRENT	3A	1.2A
MAX. INPUT POWER	200W	
TEST VOLTAGE	1500VAC 1min. (INPUT & OUTPUT - FG)	
LEAKAGE CURRENT	0.27mA (132VAC/60Hz)	0.5mA (250VAC/60Hz)
DC RESISTANCE	1Ω max.	1.5Ω max.
HARMONIC CORRECTOR	MEETS TO IEC1000-3-2 & EN61000-3-2	
ATTENUATION	-20dB (FREQUENCY:0.15~30MHz, MEASUREMENT CONDITION:CISPR PUB.17 50Ω/50Ω)	
OPERATING TEMPERATURE	-25℃~85℃ AMBIENT:DERATE OUTPUT AT 2.5% PER DEGREE FROM 50℃~85℃	
OPERATING HUMIDITY	30~95%RH (NO DEWDROP)	
SAFETY STANDARDS	CONFORMS TO TUV EN133200	
DIMENSION	132x60x46mm	
WEIGHT	550gs	

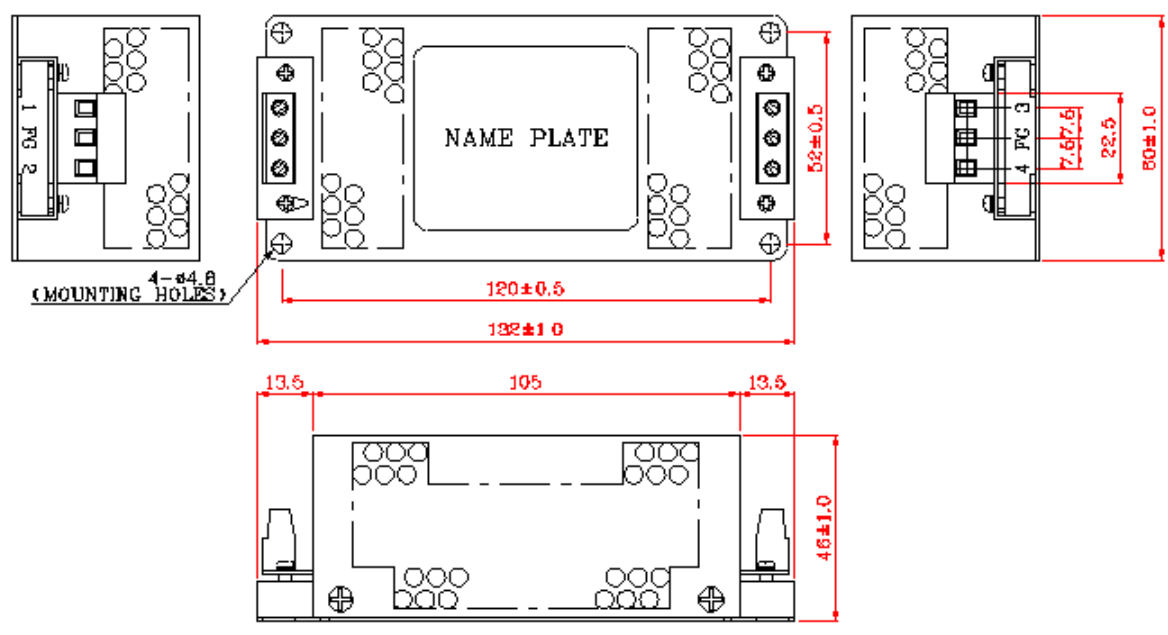
[NEXT \(MECHANICAL INFO\)](#)



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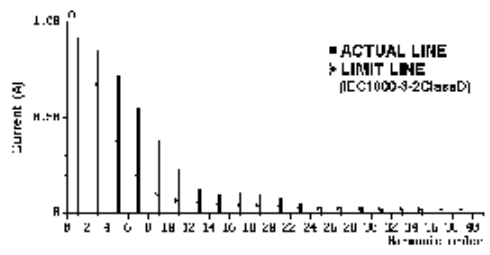
**PLF-2000  
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■ 外觀圖 Outline



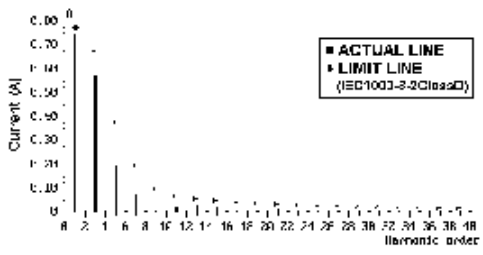
■ 諧波電流抑制範例 Characteristic of Harmonic Corrector  
 (測試條件 / Conditions:  $V_{in}=230VAC$ ,  $W_{in}=200W$ ,  $T_a=25^{\circ}C$ )

HARMONIC CURRENT



(對策前 / Before countermeasure)

HARMONIC CURRENT



(對策後 / After countermeasure)