



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	100-132VAC	100-265VAC
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	1 Ω max.	1.5 Ω max.
HARMONIC CORRECTOR	MEETS TO IEC1000-3-2 & EN61000-3-2	
ATTENUATION	-20dB (FREQUENCY:0.15-30MHz, MEASUREMENT CONDITION:CISPR PUB.17 50 /50 Ω)	
OPERATING TEMPERATURE	-25 ~85 AMBIENT:DERATE OUTPUT AT 2.5% PER DEGREE FROM 50 $^{\circ}$ C-85 $^{\circ}$ C	
OPERATING HUMIDITY	30-95%RH (NO DEWDROP)	
SAFETY STANDARDS	CONFORMS TO TUV EN133200	
DIMENSION	132 x 60 x 46mm	
WEIGHT	550gs	

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

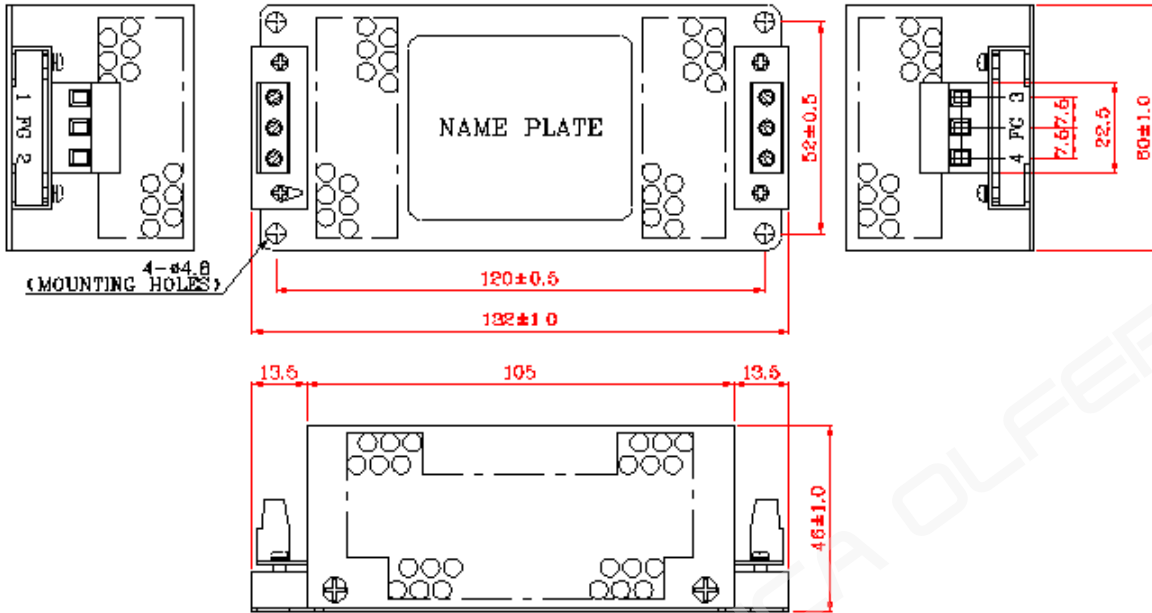


MEAN WELL

SWITCHING POWER SUPPLY
ISO-9001 CERTIFIED MANUFACTURER

PLF-2000 SERIES

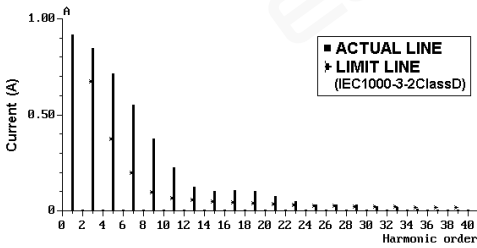
外觀圖 Outline



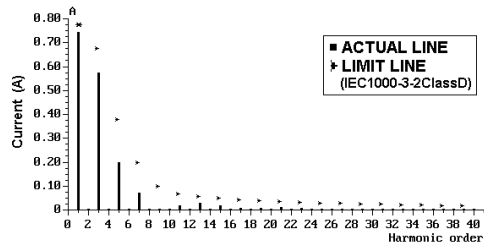
諧波電流抑制範例 Characteristic of Harmonic Corrector
(測試條件 / Conditions: $V_{in}=230VAC$, $W_{in}=200W$, $T_a=25$)

HARMONIC CURRENT

HARMONIC CURRENT



(對策前 / Before countermeasure)



(對策後 / After countermeasure)