

# HUA 高性能/高電流三相四線式電源雜訊抑制濾波器(歐規電路)

## High Current Line Filters for 3-Phase+Neutral+E systems (EURO Circuit)

HUA Series, all-purpose filters to Protection EN55011 / Class A

~480VAC 50/60HZ  $\theta$  a 40°C EN55011 **CE**

CONFORMS  
TO IEC 60 950  
UL 1283  
EN 133200

本系列三相四線式電源濾波器符合國際認證中心(例如 SGS)目前所要求的高過濾性能的抑制和容易安裝的特點。本系列濾波器安裝設計，特別考慮適用於在線路阻抗中的對稱性負載或不對稱性負載所需要有的高衰減效能。本系列濾波器雜訊抑制的範圍,完全符合 EN133200，UL1283, IEC60950 和 VDE 0565 標準。它們非常適合應用於 EN55011 CLASS A 和 EN55022 CLASS B 環境要求中使用。

This series of three-phase four-wire power supply filter in line with International Certification Center (such as SGS) currently being sought to curb the high filtration performance and easy installation features. This series of filter installation design, special consideration applies to the symmetry of the line impedance load or Asymmetric load required to have a high attenuation performance. Noise suppression filter in this series range in full compliance with EN133200, UL1283, IEC60950 and VDE 0565 standards . They are very suitable for EN55011 CLASS A and EN55022 CLASS B the use of environmental requirements

### Specification:

Test Voltage (1 min) :L to E 1500VAC/2250VDC

L to L 1500VDC

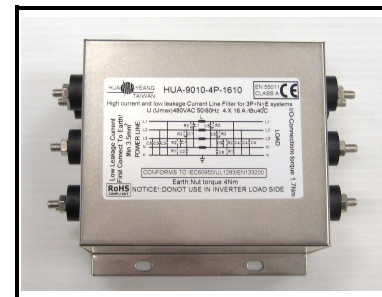
Insulation Resistance : L to E  $\geq 3000M\Omega$

L to L  $\geq 2000M\Omega$

Current reduction above 40°C ambient temperature:  $I=In\sqrt{(85-\theta)/45}$

$\theta$  = operating temperature

濾波器/規格&型號&尺寸



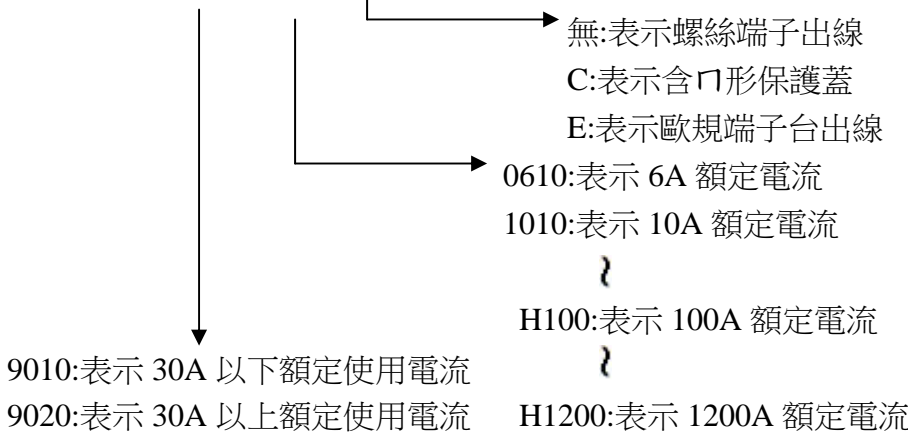
TYPE	In @ $\delta a 40^{\circ}C$ [ A ]	Umax 50/60Hz [ v ]	Overload Current	Resistance L-L' $\pm 15\%$ [ m $\Omega$ ]	Power Dissipation total $\pm 15\%$ [ W ]	Max. leakage current @480v/60hz In3-phase [ mA ]	Temperature Rise $^{\circ}C$	Temperature Range $^{\circ}C$	Fig
HUA-9010-4P-0610	4x6	480	1.2xIn 1 min. per hour	23	0.828	$\leq 125$	$\leq 30$	-25~+85	A
HUA-9010-4P-0810	4x8			28	1.792		$\leq 30$	-25~+85	A
HUA-9010-4P-1610	4x16			11.5	2.944		$\leq 30$	-25~+85	A
HUA-9010-4P-2510	4x25			4.4	2.75		$\leq 30$	-25~+85	A
HUA-9010-4P-3610	4x36			3.32	4.30272		$\leq 30$	-25~+85	B
HUA-9020-4P-5010	4x50			1.3	3.25		$\leq 30$	-25~+85	B
HUA-9020-4P-6410	4x64			1.1	4.5056		$\leq 30$	-25~+85	B
HUA-9020-4P-8010	4x80			1.17	7.488		$\leq 30$	-25~+85	B
HUA-9020-4P-H110	4x110			0.75	9.075		$\leq 30$	-25~+85	C
HUA-9020-4P-H125	4x125			0.75	9.075		$\leq 30$	-25~+85	C

濾波器/規格&型號&尺寸

TYPE	In @ $\delta a 40^{\circ}C$ [ A ]	U <sub>max</sub> 50/60Hz [ v ]	Overload Current	Resistance L-L' $\pm 15\%$ [ m $\Omega$ ]	Power Dissipation total $\pm 15\%$ [ W ]	Max. leakage current @480v/60hz In3-phase [ mA ]	Temperature Rise $^{\circ}C$	Temperature Range $^{\circ}C$	Fig
HUA-9020-4P-H150	4×150	480	1.2×In 1 min. per hour	0.6	13.5	≤125	≤30	-25~+85	C
HUA-9020-4P-H180	4×180			0.37	11.988		≤30	-25~+85	C
HUA-9020-4P-H200	4×200			0.35	14		≤30	-25~+85	C
HUA-9020-4P-H250	4×250			0.22	13.75		≤30	-25~+85	D
HUA-9020-4P-H300	4×300			0.11	9.9		≤30	-25~+85	D
HUA-9020-4P-H350	4×350			0.06	7.35		≤30	-25~+85	E
HUA-9020-4P-H400	4×400			0.06	9.6		≤30	-25~+85	E
HUA-9020-4P-H450	4×450			0.06	12.15		≤30	-25~+85	E
HUA-9020-4P-H500	4×500			0.056	14		≤30	-25~+85	E
HUA-9020-4P-H550	4×550			0.056	16.94		≤30	-25~+85	E
HUA-9020-4P-H600	4×600			0.056	20.16		≤30	-25~+85	E
HUA-9020-4P-H650	4×650			0.046	19.435		≤30	-25~+85	F
HUA-9020-4P-H700	4×700			0.046	22.54		≤30	-25~+85	F
HUA-9020-4P-H750	4×750			0.046	25.875		≤30	-25~+85	F
HUA-9020-4P-H800	4×800			0.046	29.44		≤30	-25~+85	F
HUA-9020-4P-H850	4×850			0.046	33.235		≤30	-25~+85	F
HUA-9020-4P-H900	4×900			0.046	37.26		≤30	-25~+85	F
HUA-9020-4P-H950	4×950			0.046	41.515		≤30	-25~+85	F
HUA-9020-4P-H1000	4×1000			0.046	46		≤30	-25~+85	F
HUA-9020-4P-H1100	4×1100			0.046	55.66		≤30	-25~+85	F
HUA-9020-4P-H1200	4×1200	0.046	66.24	≤30	-25~+85	F			

Order Types (訂購型號說明)

型號:HUA - □ - 4P □ - □

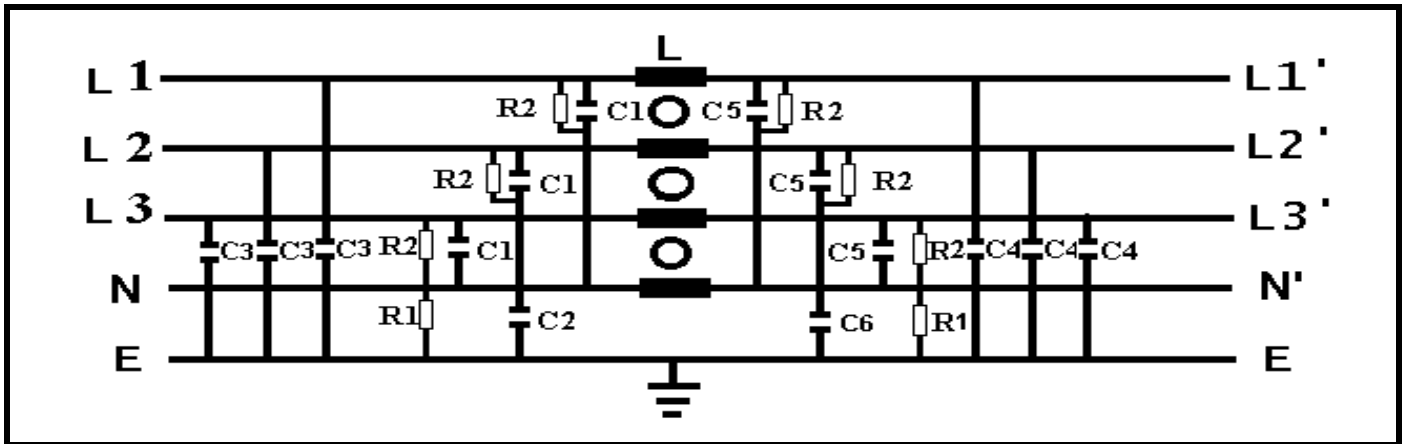


PS:選用濾波器請以變頻器標示全載電流為主要考量

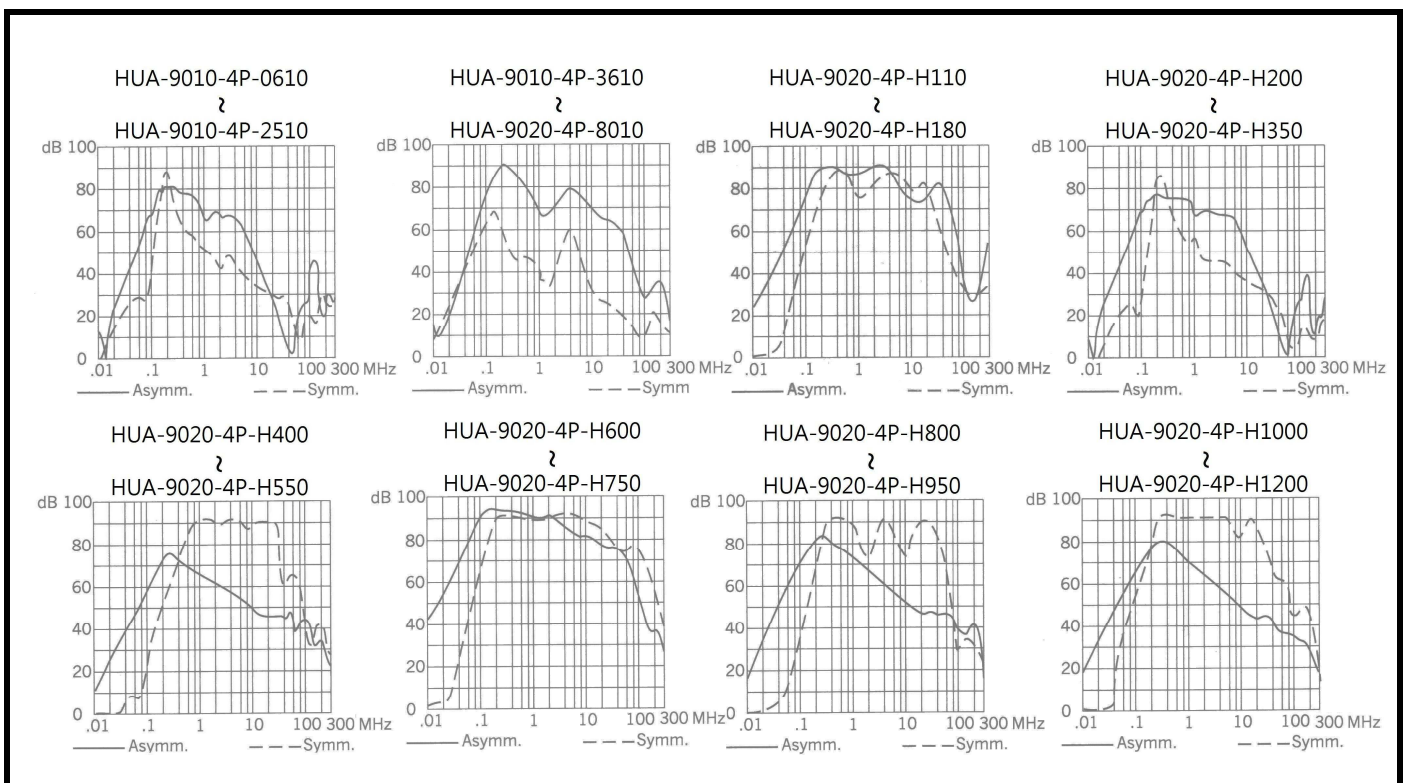
全載電流\*1.2~1.5=濾波器安全電流(三相電源請勿除  $\sqrt{3}$  即可)

變頻器(伺服馬達)馬力 X 746 / 工作電壓 = 工作電流 EX: (INV(HP) X 746(W) / V = A)

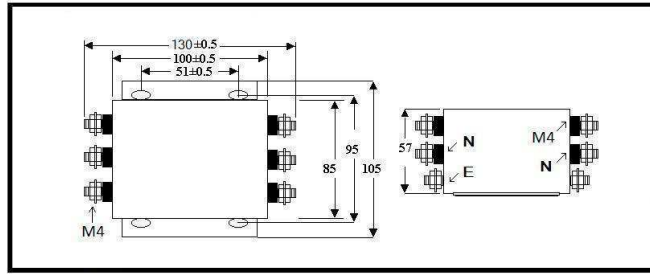
### Circuit Diagram (電路圖)



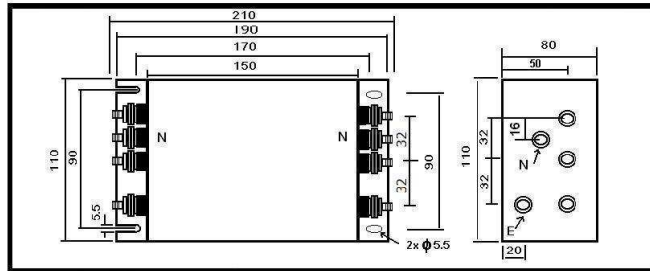
### Insertion loss (衰減曲線圖)



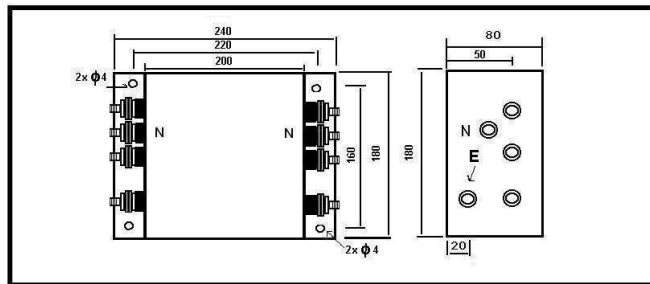
Dimension (外形尺寸圖)



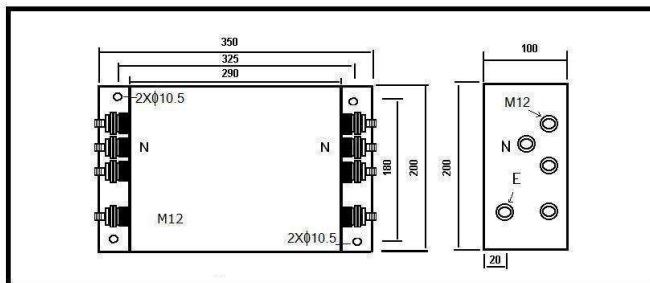
CASE: FIG A 單位:mm



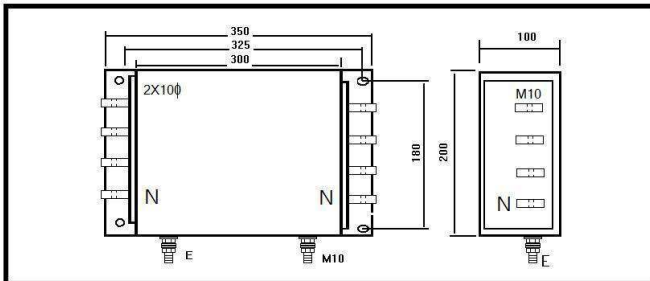
CASE: FIG B 單位:mm



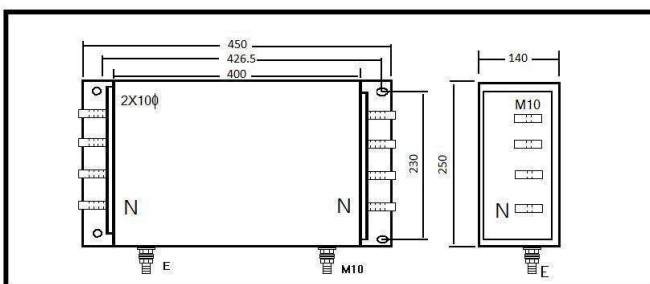
CASE: FIG C 單位:mm



CASE: FIG D 單位:mm



CASE: FIG E 單位:mm



CASE: FIG F 單位:mm