

HUA 高性能/高電流/低漏電 三相四線式電源雜訊抑制濾波器(歐規 2π 電路)

EMC-High Current/Low leakage Current Line Filters for for 3-Phase+Neutral+E systems

(EURO 2-Stage Circuit) all-purpose filters to Protection

CE

EN55011 / Class A & CISPR22 CLASS B 0~480VAC 50/60HZ θ a/40°C

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。低漏電特性非常適用於醫療器材及運動健康器材上使用。

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. Low leakage current is ideal for sports, health equipment, medical equipment and use.

Specification:

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

L to L 1500VDC

Insulation Resistance : L to E ≥3000MΩ

L to L ≥2000MΩ



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

θ = operating temperature

濾波器/規格&型號&尺寸

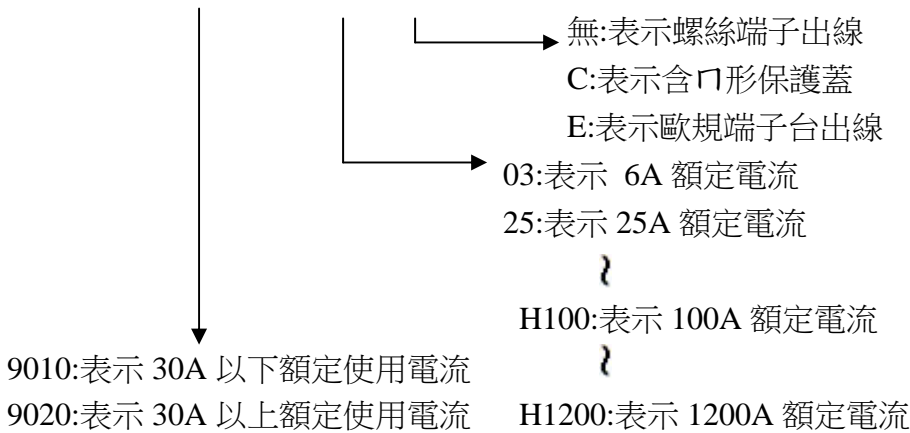
TYPE	In @δa40°C [A]	Umax 50/60Hz [v]	Overload Current	Max. leakage current @480v/60hz In3-phase [mA]	Temperature Rise °C	Temperature Range °C	Fig
HUA-9010-4P- L306	4×6	480	1.2×In 1 min./ per hour	≤3	≤30	-25~+85	A
HUA-9010-4P- L308	4×8				≤30	-25~+85	A
HUA-9010-4P- L316	4×16				≤30	-25~+85	B
HUA-9010-4P- L325	4×25				≤30	-25~+85	B
HUA-9010-4P- L336	4×36				≤30	-25~+85	B
HUA-9020-4P- L350	4×50				≤30	-25~+85	B
HUA-9020-4P- L364	4×64				≤30	-25~+85	C
HUA-9020-4P- L380	4×80				≤30	-25~+85	C
HUA-9020-4P- L3-H110	4×110				≤30	-25~+85	D
HUA-9020-4P- L3-H125	4×125				≤30	-25~+85	D

濾波器/規格&型號&尺寸

TYPE	In @ $\delta a 40^{\circ}C$ [A]	Umax 50/60Hz [v]	Overload Current	Max. leakage current @480v/60hz In3-phase [mA]	Temperature Rise $^{\circ}C$	Temperature Range $^{\circ}C$	Fig
HUA-9020-4P- L3-H150	4×150	480	1.2×In 1 min./ per hour	≤3	≤30	-25~+85	D
HUA-9020-4P- L3-H180	4×180				≤30	-25~+85	D
HUA-9020-4P- L3-H200	4×200				≤30	-25~+85	D
HUA-9020-4P- L3-H250	4×250				≤30	-25~+85	D
HUA-9020-4P- L3-H300	4×300				≤30	-25~+85	D
HUA-9020-4P- L3-H350	4×350				≤30	-25~+85	E
HUA-9020-4P- L3-H400	4×400				≤30	-25~+85	E
HUA-9020-4P- L3-H450	4×450				≤30	-25~+85	E
HUA-9020-4P- L3-H500	4×500				≤30	-25~+85	E
HUA-9020-4P- L3-H550	4×550				≤30	-25~+85	E
HUA-9020-4P- L3-H600	4×600				≤30	-25~+85	E
HUA-9020-4P- L3-H650	4×650				≤30	-25~+85	F
HUA-9020-4P- L3-H700	4×700				≤30	-25~+85	F
HUA-9020-4P- L3-H750	4×750				≤30	-25~+85	F
HUA-9020-4P- L3-H800	4×800				≤30	-25~+85	F
HUA-9020-4P- L3-H850	4×850				≤30	-25~+85	F
HUA-9020-4P- L3-H900	4×900				≤30	-25~+85	F
HUA-9020-4P- L3-H950	4×950				≤30	-25~+85	F
HUA-9020-4P- L3-H1000	4×1000				≤30	-25~+85	F
HUA-9020-4P- L3-H1100	4×1100				≤30	-25~+85	F
HUA-9020-4P- L3-H1200	4×1200	≤30	-25~+85	F			

Order Types (訂購型號說明)

型號:HUA - - 4P-L3- -

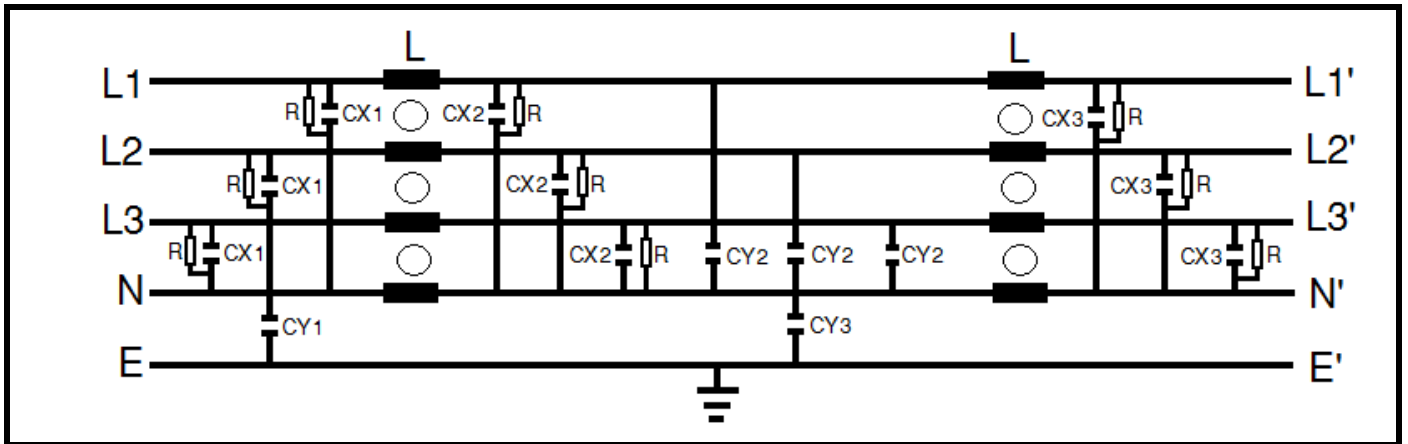


PS:選用濾波器請以變頻器標示全載電流為主要考量

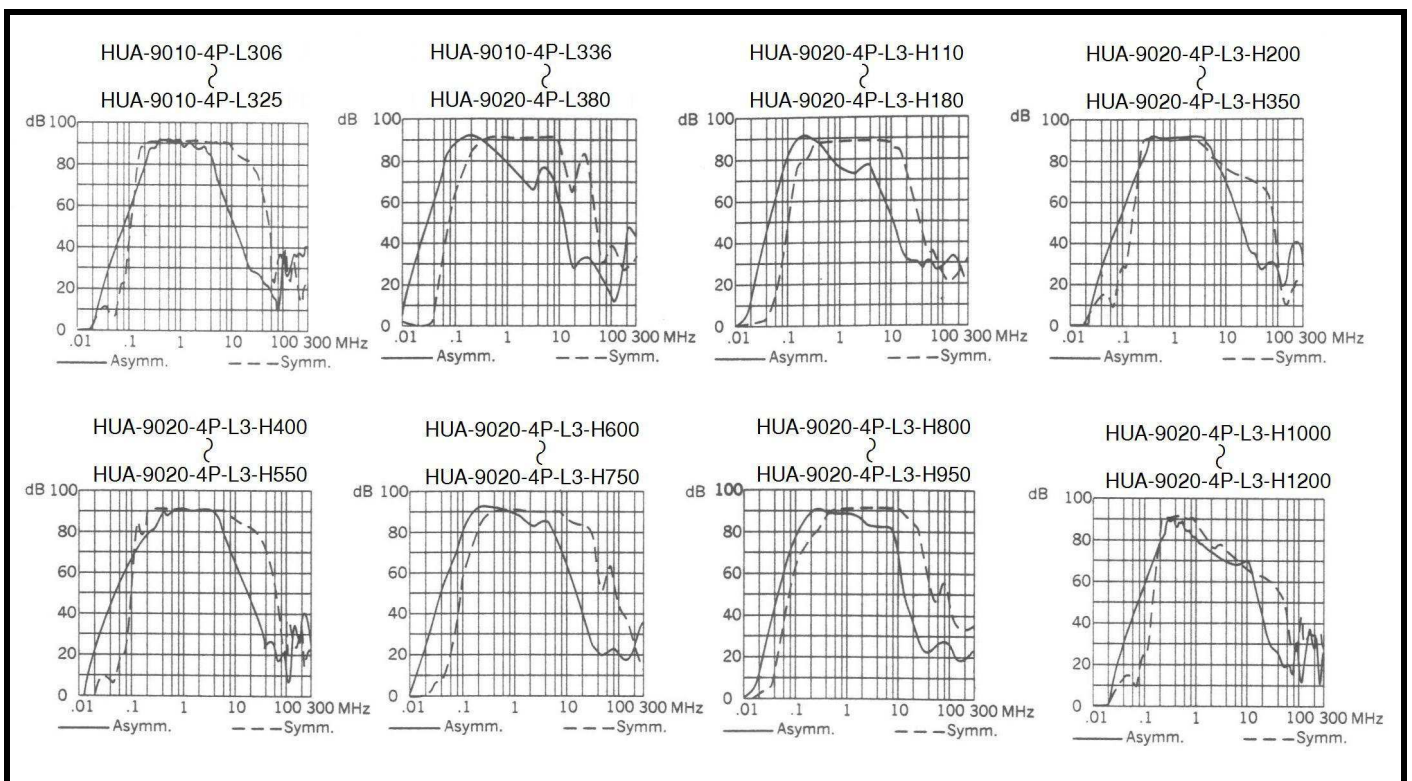
全載電流*1.2~1.5=濾波器安全電流(三相電源請勿除 $\sqrt{3}$ 即可)

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)

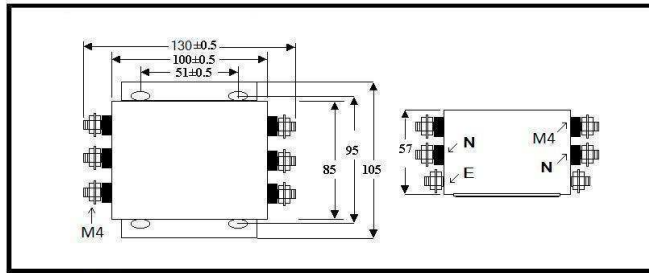
Circuit Diagram (電路圖)



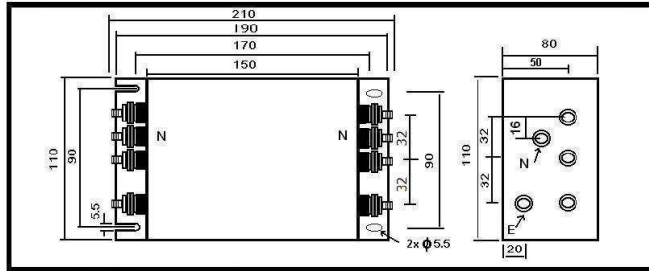
Insertion loss (衰減曲線圖)



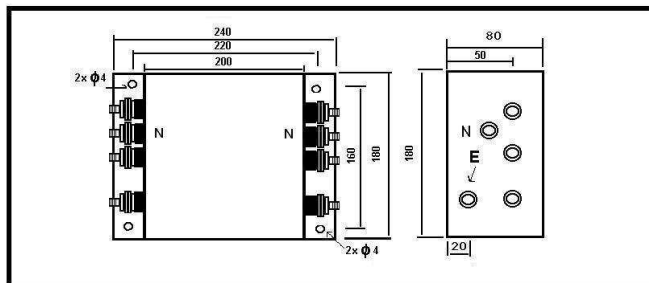
Dimension (外形尺寸圖)



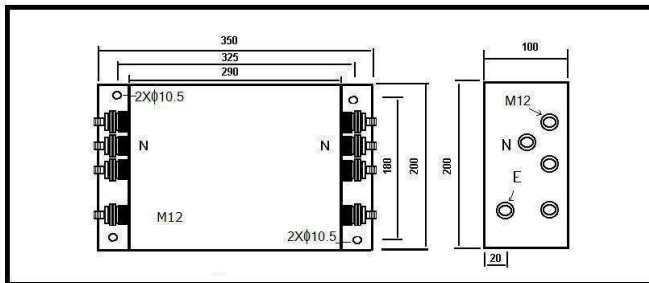
CASE: FIG A 單位:mm



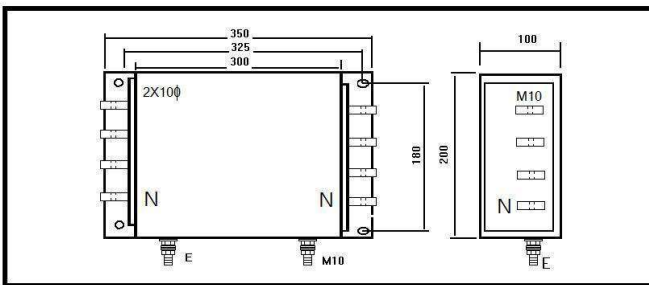
CASE: FIG B 單位:mm



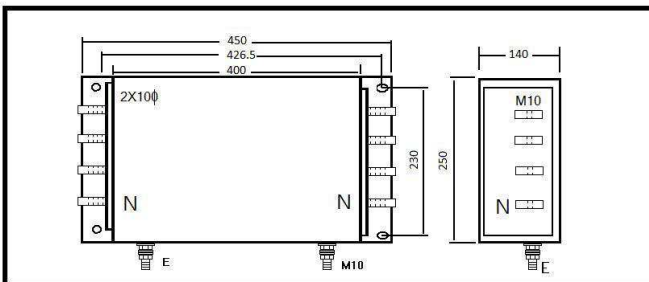
CASE: FIG C 單位:mm



CASE: FIG D 單位:mm



CASE: FIG E 單位:mm



CASE: FIG F 單位:mm