

HUA 低漏電/高電流三相四線式電源雜訊抑制濾波器(日規電路)

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

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

~480VAC 50/60HZ θ_a 40°C EN55011 **CE** (Japan Circuit)

CONFORMS
TO IEC 60 950
UL 1283
EN 133200

本系列高電流三相四線式電源濾波器,符合大多數三相四線配線的需求,尤其有高衰減過濾性能和容易安裝為其特點。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。雜訊的抑制範圍完全符合 EN133200, UL1283, IEC60950 和 VDE 0565。它們非常適合應用於 EN55011 CLASS A 標準要求。

This series of three-phase four-wire high current power supply filters, in line with the majority of three-phase four-wire wiring needs, in particular, with high attenuation filter performance and easy installation of its 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 area in full compliance with EN133200, UL1283, IEC60950, and VDE 0565. They are very suitable for EN55011 CLASS A standards.

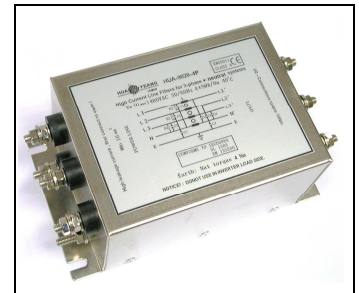
Specification:

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: $I = I_n \sqrt{(85-\theta)/45}$

θ = operating temperature

濾波器/規格&型號&尺寸

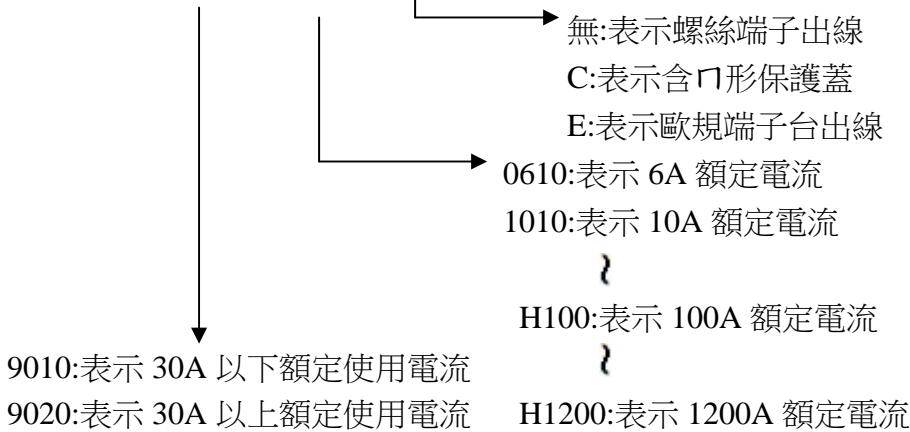
TYPE	In @ $\delta a 40^\circ C$ [A]	Umax 50/60Hz [v]	Overload Current	Resistance L-L' $\pm 15\%$ [m Ω]	Power Dissipation total $\pm 15\%$ [W]	Max. leakage current @480v/60hz In3-phase [mA]	Temperature Rise °C	Temperature Range °C	Fig
HUA-9010-4P-0610-SA	4x6	480	1.2xIn 1 min. per hour	23	0.828	≤ 5	≤ 30	-25~+85	A
HUA-9010-4P-1010-SA	4x10			28	2.8		≤ 30	-25~+85	A
HUA-9010-4P-2010-SA	4x20			11.5	4.6		≤ 30	-25~+85	A
HUA-9010-4P-3010-SA	4x30			4.4	3.96		≤ 30	-25~+85	B
HUA-9020-4P-4010-SA	4x40			3.32	5.32		≤ 30	-25~+85	B
HUA-9020-4P-5010-SA	4x50			1.3	3.25		≤ 30	-25~+85	B
HUA-9020-4P-6410-SA	4x64			1.1	4.5056		≤ 30	-25~+85	B
HUA-9020-4P-8010-SA	4x80			1.17	7.488		≤ 30	-25~+85	B
HUA-9020-4P-H110-SA	4x110			0.75	9.075		≤ 30	-25~+85	C
HUA-9020-4P-H125-SA	4x125			0.75	9.075		≤ 30	-25~+85	C

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 Ω]	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-SA	4x150	480	1.2xIn 1 min. per hour	0.6	13.5	≤ 5	≤ 30	-25~+85	C
HUA-9020-4P-H180-SA	4x180			0.37	11.988		≤ 30	-25~+85	C
HUA-9020-4P-H200-SA	4x200			0.35	14		≤ 30	-25~+85	C
HUA-9020-4P-H250-SA	4x250			0.22	13.75		≤ 30	-25~+85	D
HUA-9020-4P-H300-SA	4x300			0.11	9.9		≤ 30	-25~+85	D
HUA-9020-4P-H350-SA	4x350			0.06	7.35		≤ 30	-25~+85	E
HUA-9020-4P-H400-SA	4x400			0.06	9.6		≤ 30	-25~+85	E
HUA-9020-4P-H450-SA	4x450			0.06	12.15		≤ 30	-25~+85	E
HUA-9020-4P-H500-SA	4x500			0.046	11.5		≤ 30	-25~+85	E
HUA-9020-4P-H550-SA	4x550			0.046	13.915		≤ 30	-25~+85	E
HUA-9020-4P-H600-SA	4x600			0.046	16.56		≤ 30	-25~+85	E
HUA-9020-4P-H650-SA	4x650			0.046	19.435		≤ 30	-25~+85	F
HUA-9020-4P-H700-SA	4x700			0.046	22.54		≤ 30	-25~+85	F
HUA-9020-4P-H750-SA	4x750			0.046	25.875		≤ 30	-25~+85	F
HUA-9020-4P-H800-SA	4x800			0.046	29.44		≤ 30	-25~+85	F
HUA-9020-4P-H850-SA	4x850			0.046	33.235		≤ 30	-25~+85	F
HUA-9020-4P-H900-SA	4x900			0.046	37.26		≤ 30	-25~+85	F
HUA-9020-4P-H950-SA	4x950			0.046	41.515		≤ 30	-25~+85	F
HUA-9020-4P-H1000-SA	4x1000			0.046	46		≤ 30	-25~+85	F
HUA-9020-4P-H1100-SA	4x1100			0.046	55.66		≤ 30	-25~+85	F
HUA-9020-4P-H1200-SA	4x1200	0.046	66.24	≤ 30	-25~+85	F			

Order Types (訂購型號說明)

型號:HUA - - 4P- -SA

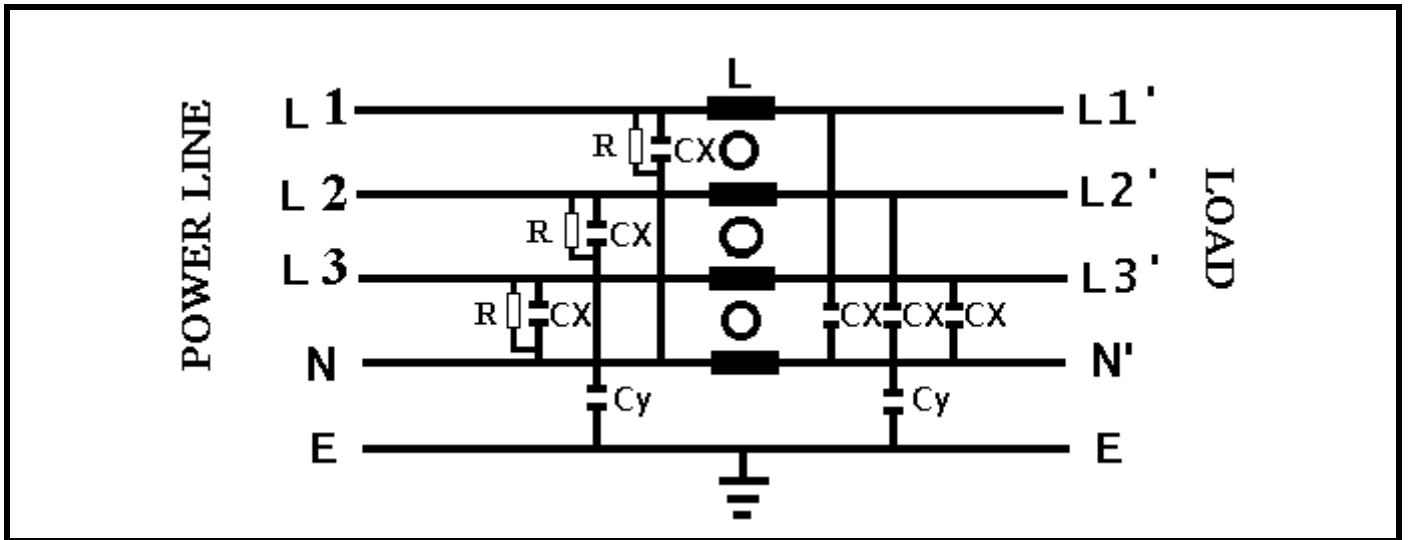


PS:選用濾波器請以變頻器標示全載電流為主要考量

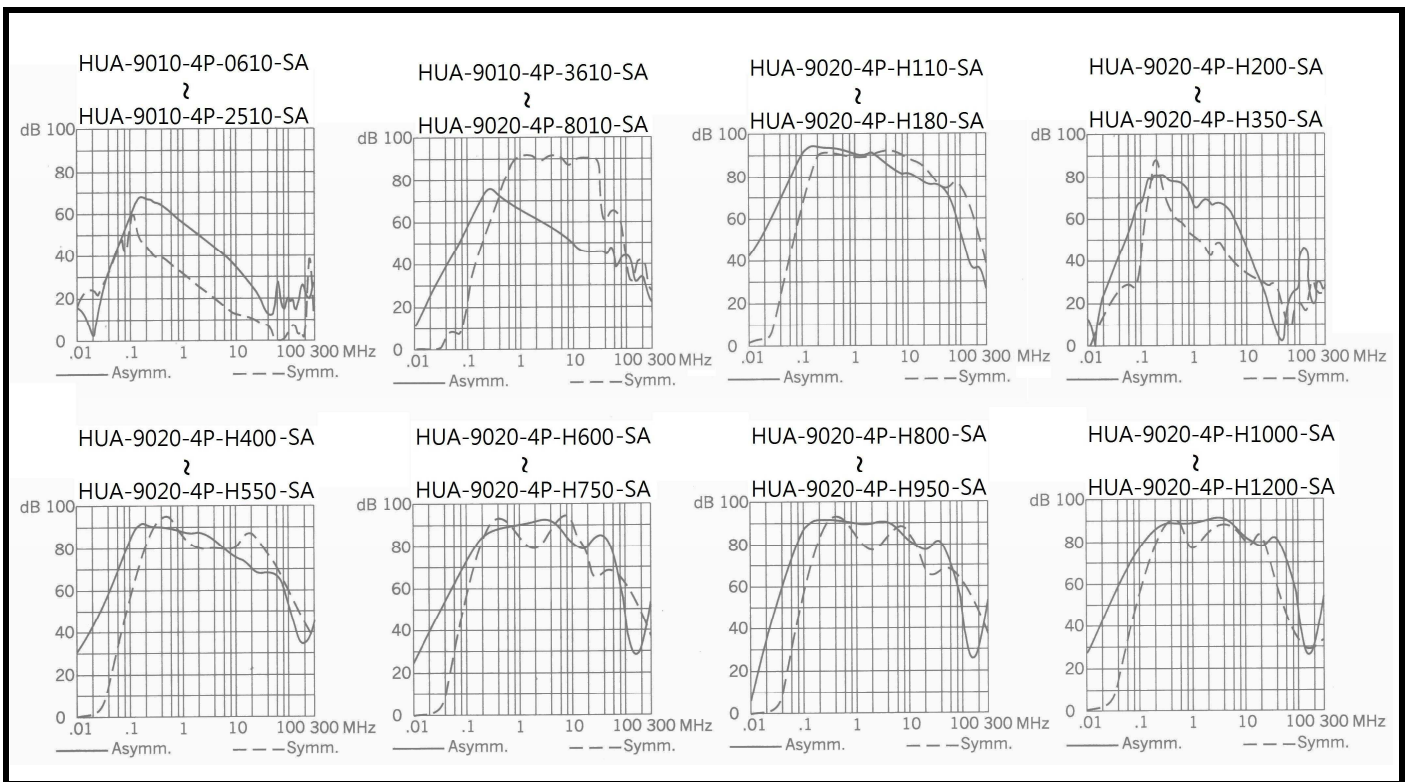
全載電流*1.2~1.5=濾波器安全電流(三相電源請勿除 $\sqrt{3}$ 即可)

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)

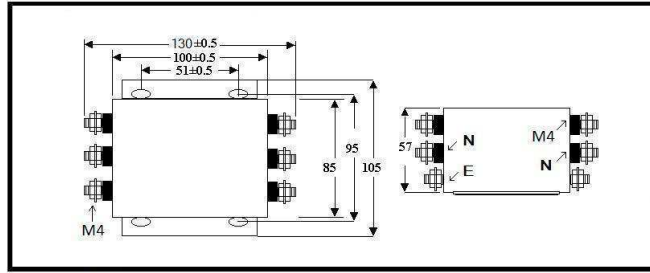
Circuit Diagram (電路圖)



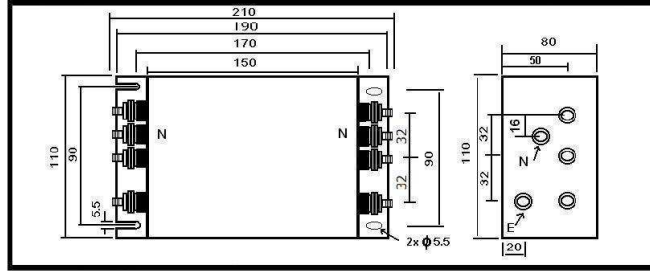
Insertion loss (衰減曲線圖)



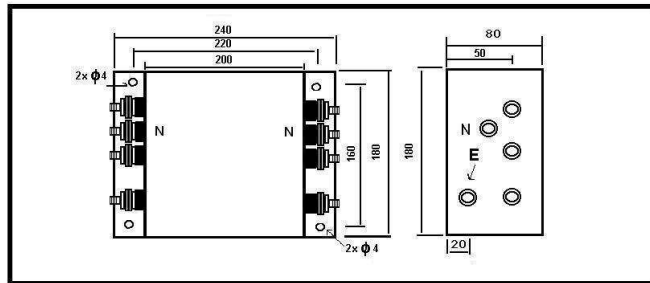
Dimension (外形尺寸圖)



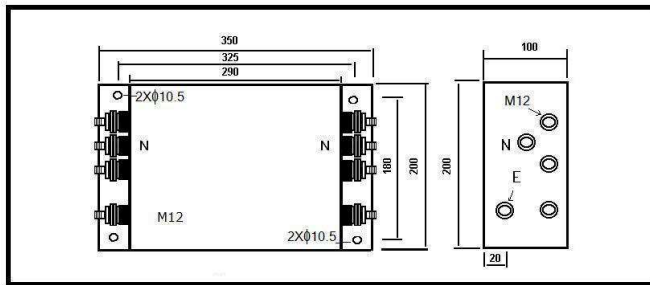
CASE: FIG A 單位:mm



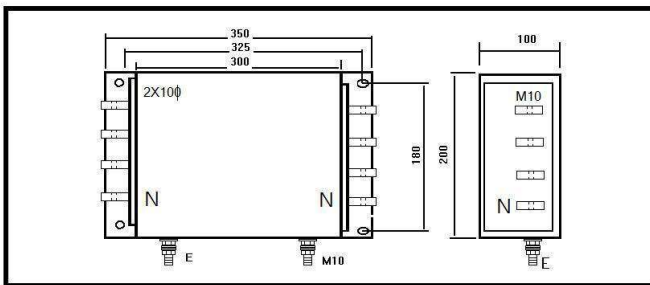
CASE: FIG B 單位:mm



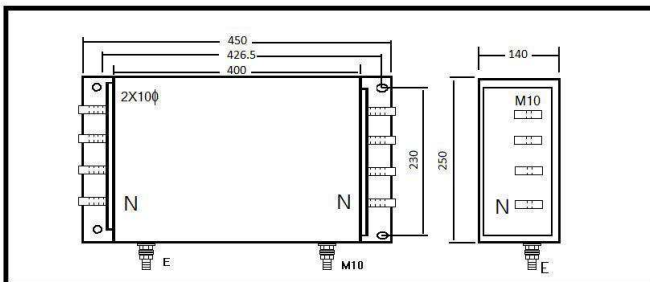
CASE: FIG C 單位:mm



CASE: FIG D 單位:mm



CASE: FIG E 單位:mm



CASE: FIG F 單位:mm