

HUA 低漏電三相電源雜訊抑制濾波器 CE 認證 EN55011 / CLASS A

EMC-High Current/Low leakage Current Line Filters for 3-phase systems SA serial
 one-stage all-purpose filters to protection Class A , with high symmetrical and asymmetrical insertion loss and low leakage current , conform to EN133200 ,UL 1283 and IEC 60950. 0~480VAC 50/60HZ θ_a 40°C . IP 54
 EMC 高電流/低洩漏電流電源濾波器使用於 3 相系統 SA 系列，CE 認證通過 CLASS A 級保護，高抑制對稱與不對稱的插入損耗和低洩漏電流，根據 EN133200，美國 UL 1283 和 IEC 60950。製造，全電壓範圍 0 ~ 480VAC 50/60HZ 工作溫度 θ_a 40 °C。保護等級 IP 54。

6A to 1,200A current ratings

6~1200A 額定電流

Exceptional attenuation from 10 kHz to 300 MHz.

衰減從 10 千赫至 300 兆赫

• Apply

應用範圍：

all Power supply.

所有電源

all frequency converter / servo controller.

所有變頻器/伺服控制器

all power electronic devices.

所有的電力電子器件

**CONFORMS
TO IEC 60950
UL 1283
EN 133200**

SPECIFICATION (測試規格)

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:

$$I=I_n\sqrt{(85-\theta)/45} \quad \theta = \text{operating temperature}$$

濾波器/規格&型號&尺寸



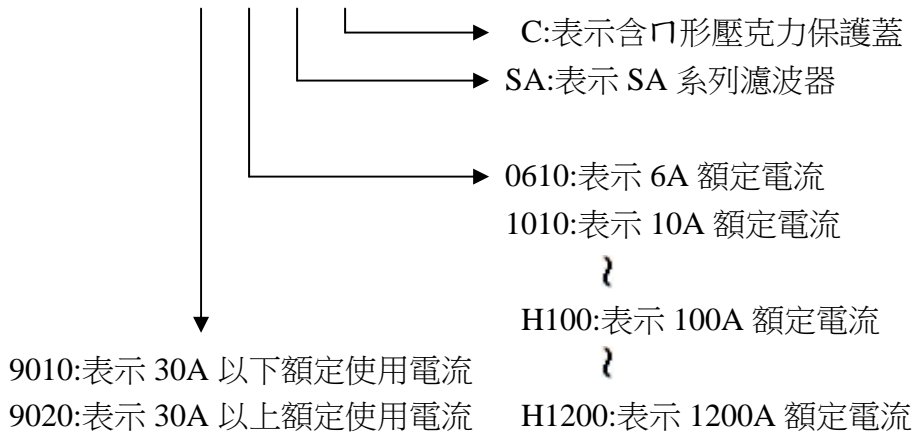
| TYPE | In [A] @ θ_a 40°C | Umax [V] 50/60Hz | Overload Current | Max. leakage current @250V/50/60Hz | Temperature Rise / °C | Operating Temp. Range/ °C | Fig |
|------------------|-------------------------------|-----------------------|------------------------------|---------------------------------------|--------------------------|------------------------------|-----|
| HUA-9010-0610-SA | 3×6 | 0~480 | 1.2×In 1 min. per hour | In3-phase system $\leq 5mA$ | ≤ 30 | -25~+85 | A |
| HUA-9010-1010-SA | 3×10 | | | | ≤ 30 | -25~+85 | A |
| HUA-9010-1610-SA | 3×16 | | | | ≤ 30 | -25~+85 | A |
| HUA-9010-2010-SA | 3×20 | | | | ≤ 30 | -25~+85 | A |
| HUA-9010-3010-SA | 3×30 | | | | ≤ 30 | -25~+85 | A |
| HUA-9020-4010-SA | 3×40 | | | | ≤ 30 | -25~+85 | A |
| HUA-9020-5010-SA | 3×50 | | | | ≤ 30 | -25~+85 | A |
| HUA-9020-6410-SA | 3×64 | | | | ≤ 30 | -25~+85 | B |
| HUA-9020-8010-SA | 3×80 | | | | ≤ 30 | -25~+85 | B |
| HUA-9020-H100-SA | 3×100 | | | | ≤ 30 | -25~+85 | C |
| HUA-9020-H125-SA | 3×125 | | | | ≤ 30 | -25~+85 | C |
| HUA-9020-H150-SA | 3×150 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H180-SA | 3×180 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H200-SA | 3×200 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H225-SA | 3×225 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H250-SA | 3×250 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H300-SA | 3×300 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H350-SA | 3×350 | | | | ≤ 30 | -25~+85 | D |
| HUA-9020-H400-SA | 3×400 | | | | ≤ 30 | -25~+85 | D |

濾波器/規格&型號&尺寸

| TYPE | In [A] @0a40°C | Umax [V] 50/60Hz | Overload Current | Max. leakage current @250V/50/60Hz | Temperature Rise / °C | Operating Temp. Range/ °C | Fig |
|------------------|---------------------|-----------------------|------------------------------|---------------------------------------|--------------------------|------------------------------|-----|
| HUA-9020-H450-SA | 3×450 | 0~480 | 1.2×In 1 min. per hour | In3-phase system ≤5mA | ≤30 | -25~+85 | D |
| HUA-9020-H500-SA | 3×500 | | | | ≤30 | -25~+85 | D |
| HUA-9020-H550-SA | 3×550 | | | | ≤30 | -25~+85 | D |
| HUA-9020-H600-SA | 3×600 | | | | ≤30 | -25~+85 | D |
| HUA-9020-H650-SA | 3×650 | | | | ≤30 | -25~+85 | E |
| HUA-9020-H700-SA | 3×700 | | | | ≤30 | -25~+85 | E |
| HUA-9020-H750-SA | 3×750 | | | | ≤30 | -25~+85 | E |
| HUA-9020-H800-SA | 3×800 | | | | ≤30 | -25~+85 | E |

Order Types (訂購型號說明)

型號:HUA - □ - □ -SA□

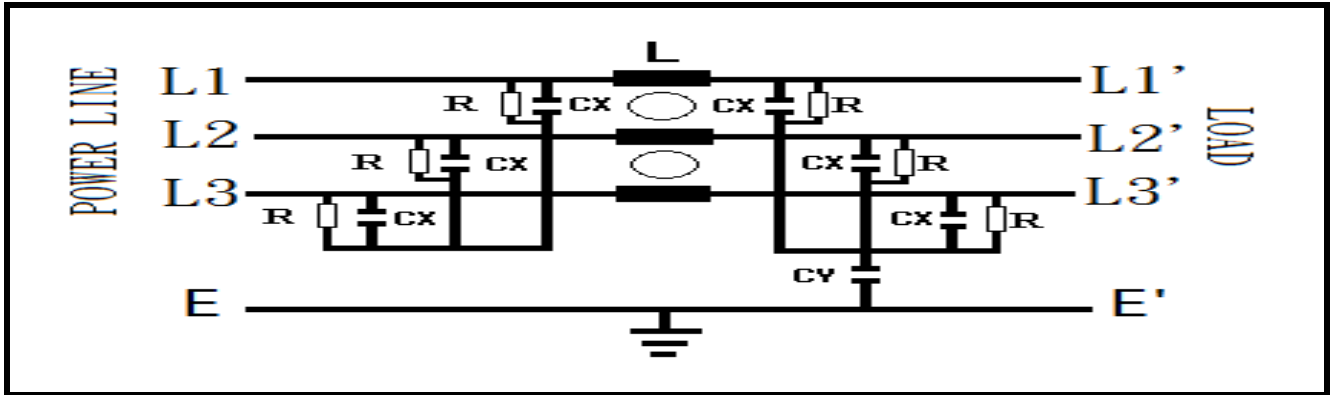


PS:選用濾波器請以變頻器標示全載電流為主要考量

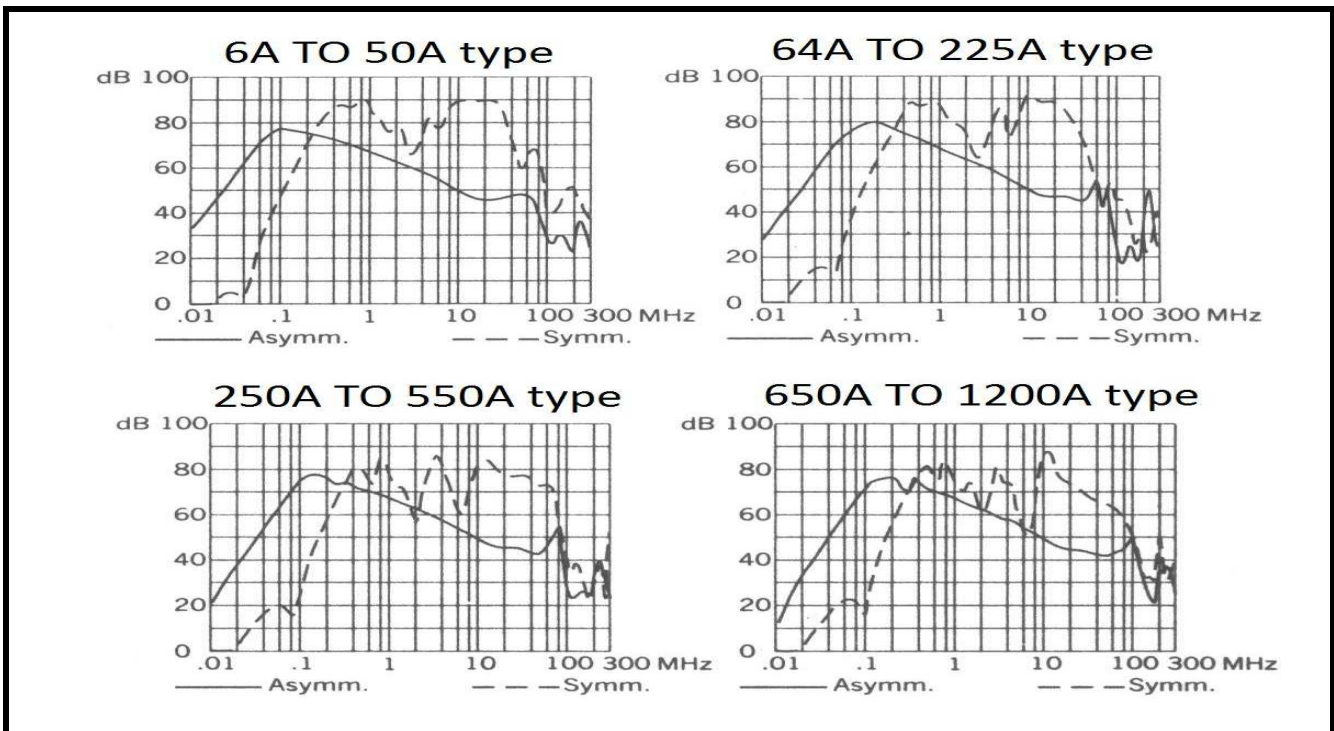
全載電流*1.2~1.5=濾波器安全電流(三相電源請勿除 $\sqrt{3}$ 即可)

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)

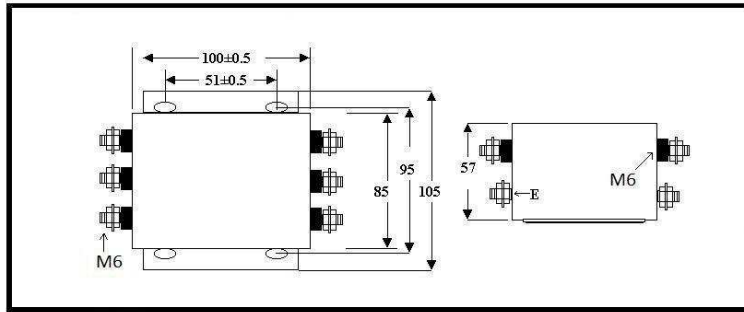
Circuit Diagram (電路圖)



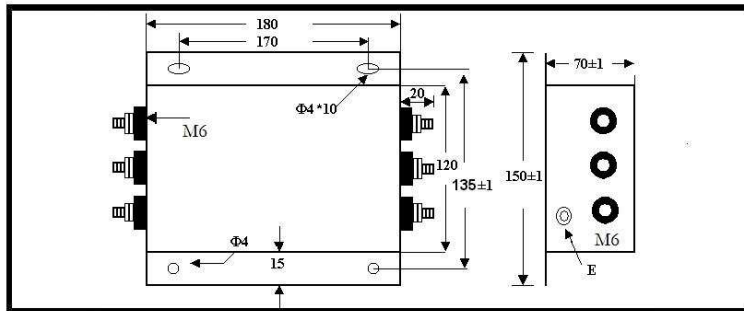
Insertion loss (衰減曲線圖)



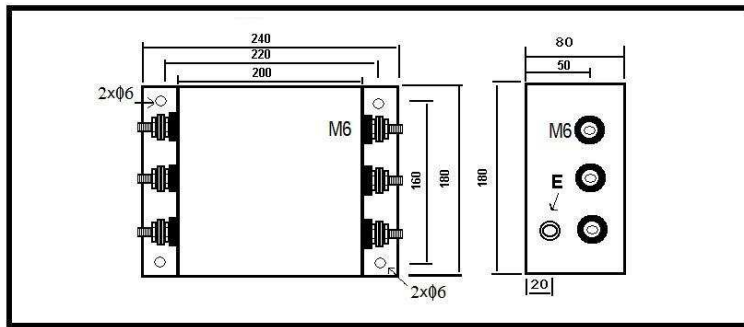
Dimension (外形尺寸圖)



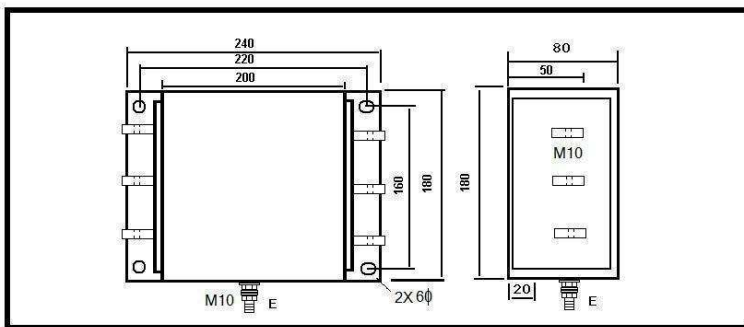
CASE: FIG A 單位:mm



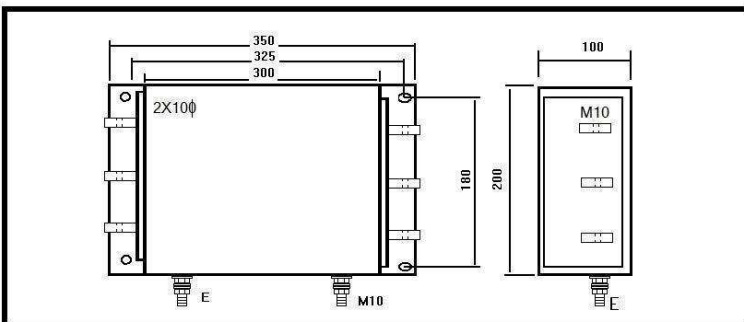
CASE: FIG B 單位:mm



CASE: FIG C 單位:mm



CASE: FIG D 單位:mm



CASE: FIG E 單位:mm