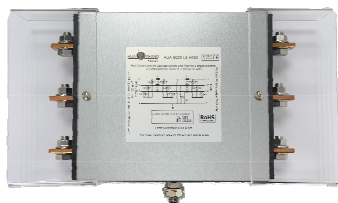


EMC 歐規三相 AC 雙 π 電源雜訊抑制濾波器

AC Power Three-Phase Two-Stage EMI Filter (Euro type)



Product Features

- Suppressing the inrush current when equipment power on
- Increase equipment tolerance to voltage transients
- Bidirectional filtering between power grid and equipment
- Especially suitable for servo controllers
- Rated currents from 1 to 1200A

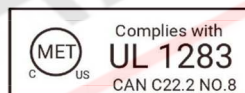
產品特點

- 抑制湧浪電流
- 增強對電壓瞬變的耐受程度
- 電源與電網間雙向濾波
- 特別適合伺服控制器安裝
- 本系列支援最高 1200A 的電流

Technical Specifications

Rated voltage	220~480VAC
Rated currents	1 to 1200A @ 40°C
Overload current	1.2 × Rated Current (1 min./hour)
Max Leakage current	≤ 20 mA @ 250v/60Hz
Temperature range	-25 to +85 °C
Temperature rise	≤ 30°C
High potential test voltage	L → E 2000 VAC / 2250 VDC L → N 2500 VDC
Insulation Resistance	L → E ≥ 3000MΩ L → N ≥ 2000MΩ
Certified to	UL 1283, EN55011, EN55022, CISPR 16-2-3, EN/IEC 60950, 61000

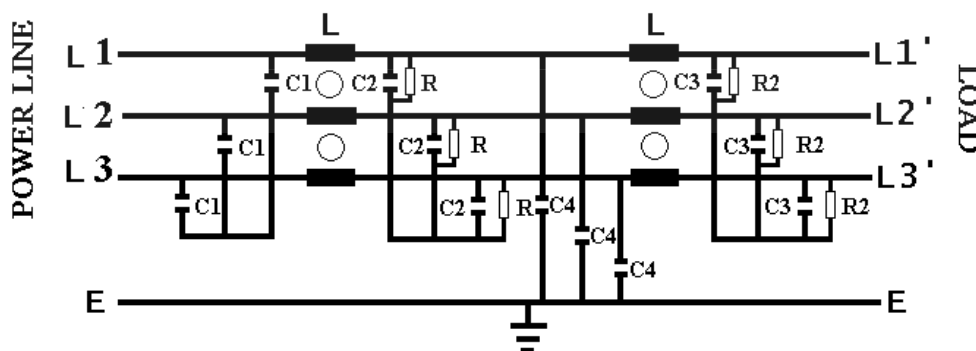
Approvals & Compliances



Applications

- Servo controller
- Energy-saving equipment
- Variable-frequency drive
- Precision mechanical equipment
- Electrical and electronic equipment

Typical Electrical Schematic



AC circuit (Two-stage)

AC 電源濾波電路(雙 π 迴路)

Filter Selection Table

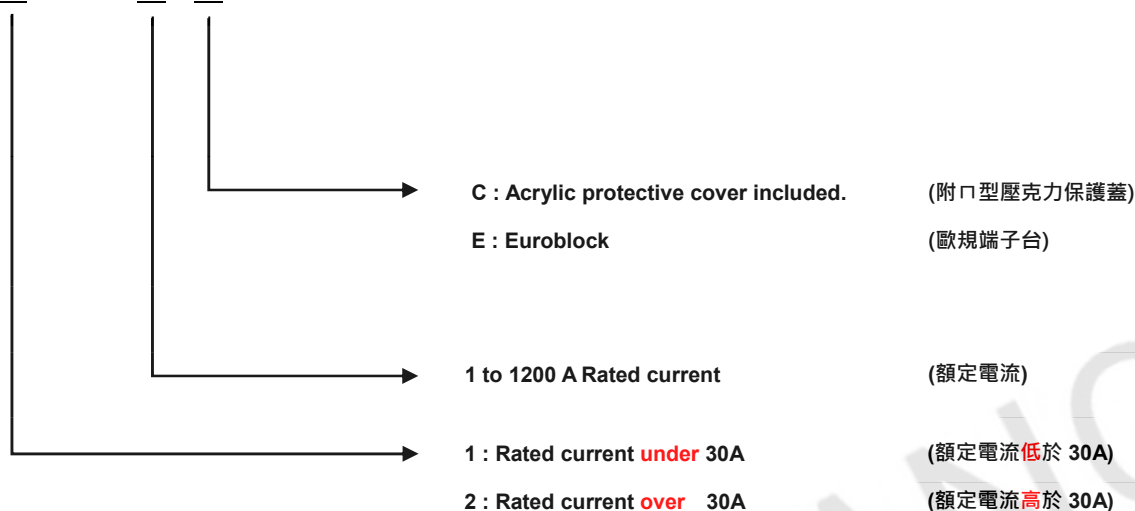
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-L308	8	0~480	23	0.828	A
HUA-9010-L312	12		28	1.792	
HUA-9010-L316	16		11.5	2.944	
HUA-9010-L325	25		4.4	2.75	
HUA-9010-L336	36		3.32	4.30272	
HUA-9020-L350	50		1.3	3.25	B
HUA-9020-L364	64		1.1	4.5056	
HUA-9020-L380	80		1.17	7.488	
HUA-9020-L3-H110	110		0.75	9.075	
HUA-9020-L3-H125	125		0.7	10.9375	
HUA-9020-L3-H150	150		0.6	13.5	C
HUA-9020-L3-H180	180		0.37	11.988	
HUA-9020-L3-H200	200		0.35	14	
HUA-9020-L3-H250	250		0.22	13.75	
HUA-9020-L3-H300	300		0.11	9.9	
HUA-9020-L3-H350	350		0.06	7.35	D
HUA-9020-L3-H400	400		0.06	9.6	
HUA-9020-L3-H450	450		0.06	12.15	
HUA-9020-L3-H500	500		0.046	11.5	
HUA-9020-L3-H550	550		0.046	13.915	
HUA-9020-L3-H600	600		0.046	16.56	
HUA-9020-L3-H650	650		0.046	19.435	
HUA-9020-L3-H700	700		0.046	22.54	
HUA-9020-L3-H750	750		0.046	25.875	
HUA-9020-L3-H800	800		0.046	29.44	

* For requirements over 800 amperes, please contact us directly.

* 如果您的電流需求 > 800A，請直接聯繫我們。

Product Selector

HUA – 90□0 – L3- □ - □



NOTICE:

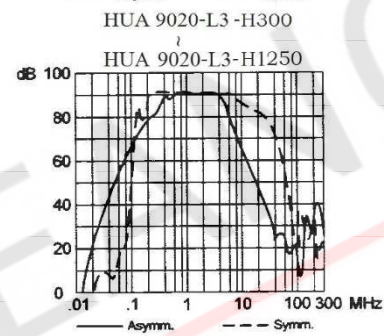
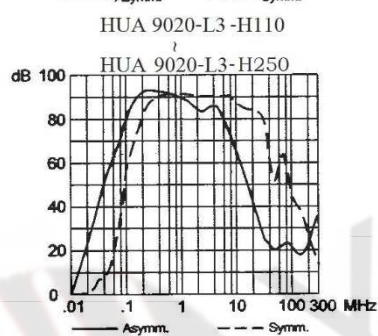
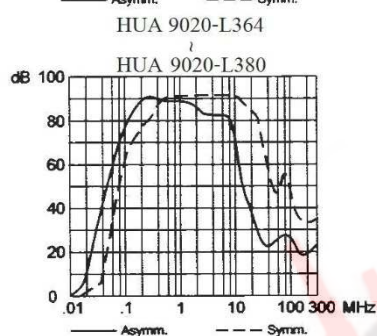
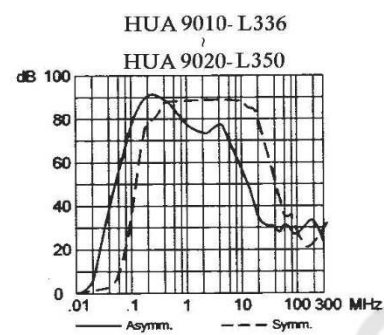
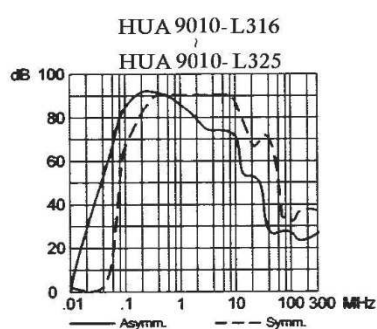
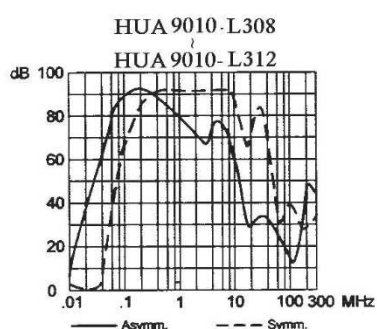
When selecting the filter model, please choose our product based on **1.2 times the full load current** (the filter's safe current range should be 1.2 to 1.5 times the full load current).

$$\text{Inverter operating current} = \frac{\text{Horsepower} \times 746}{\text{Operating voltage}}$$

選擇濾波器型號時，請根據**全載電流的 1.2 倍**來選擇我們的產品
(濾波器的安全電流範圍應為全載電流的 1.2 至 1.5 倍)。

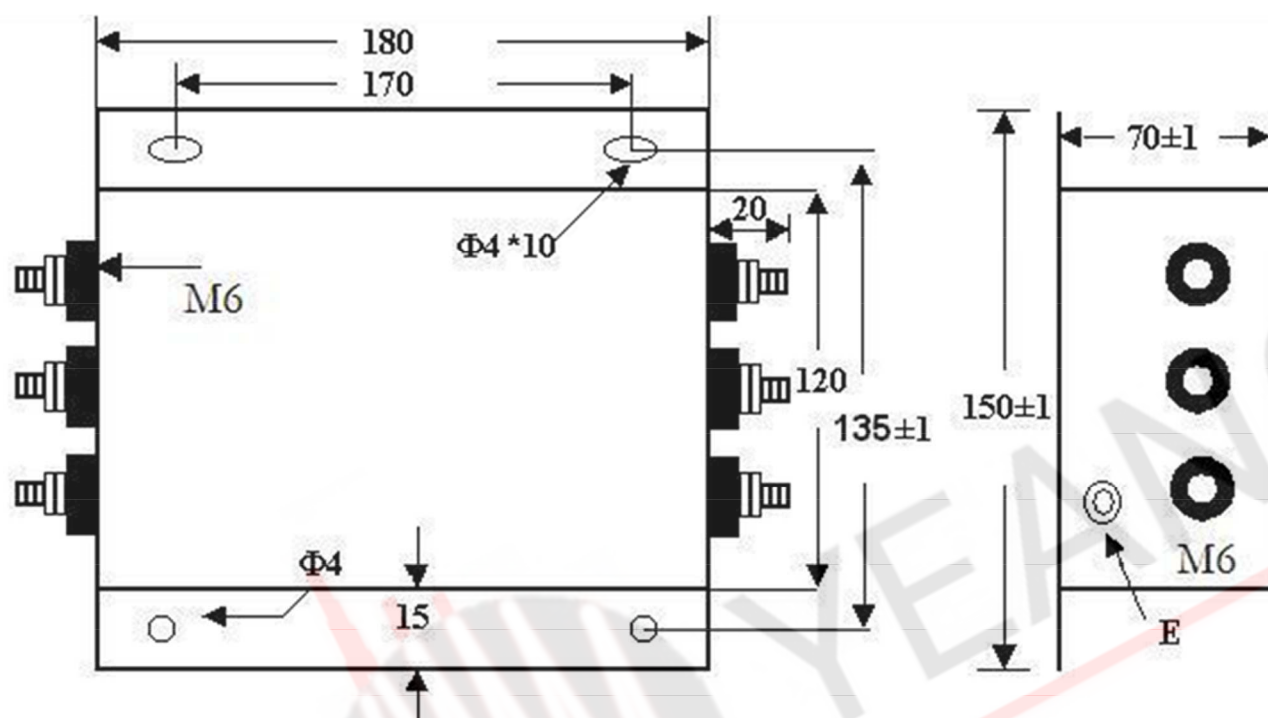
$$\text{變頻器工作電流} = \frac{\text{馬力} \times 746}{\text{工作電壓}}$$

Insertion Loss (衰減值)

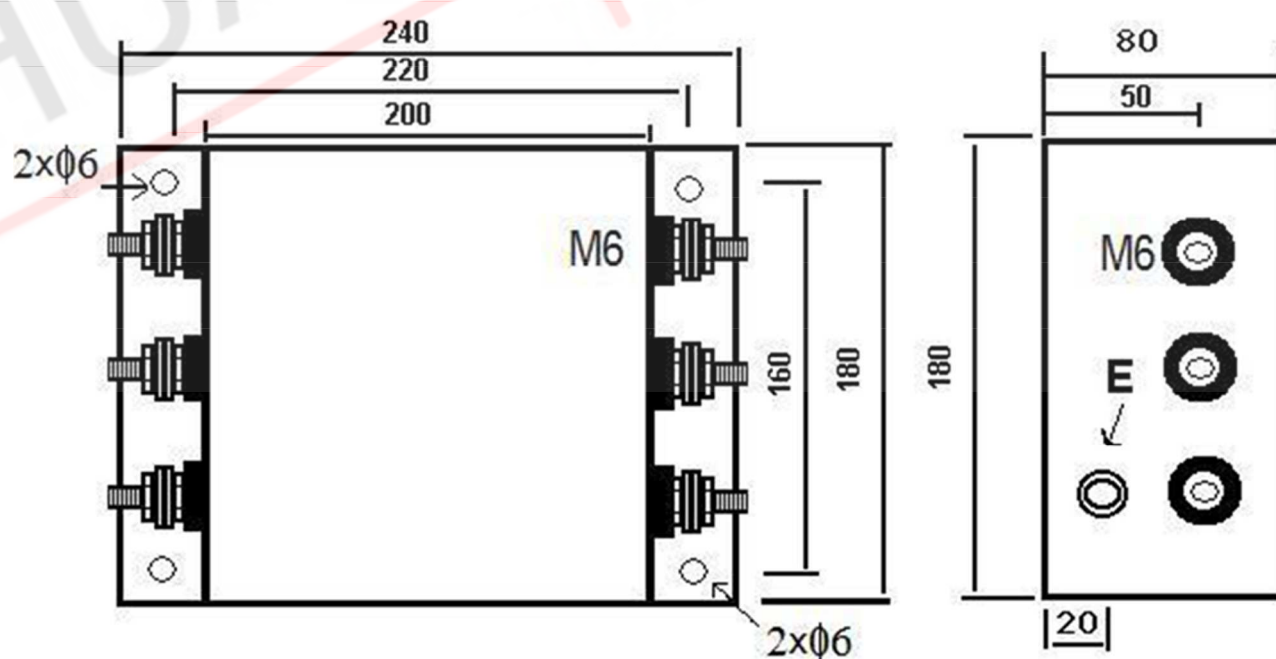


Dimensional Figures (尺寸圖) (Unit : mm)

A

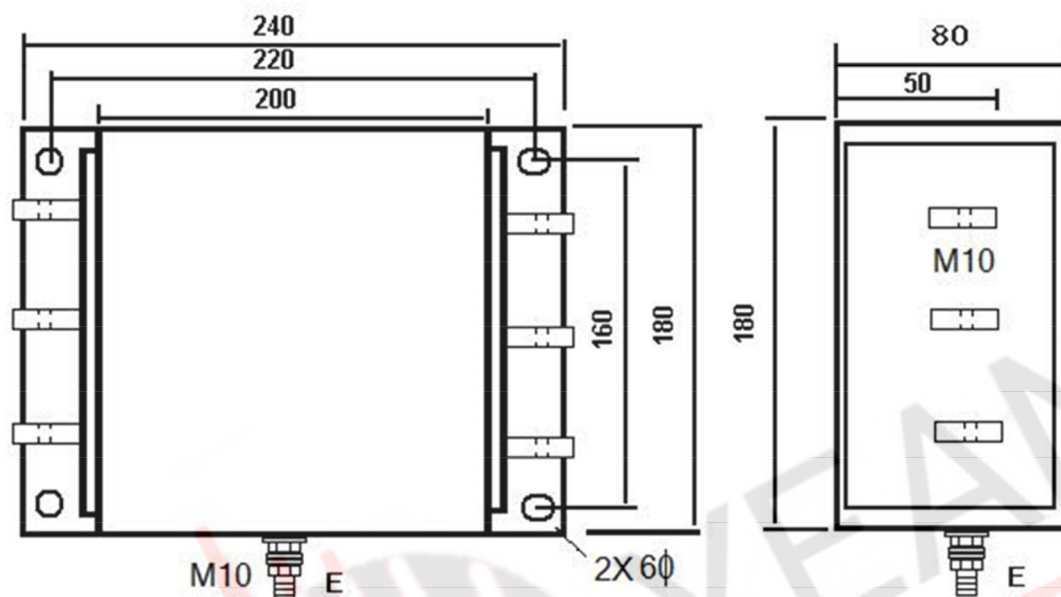


B

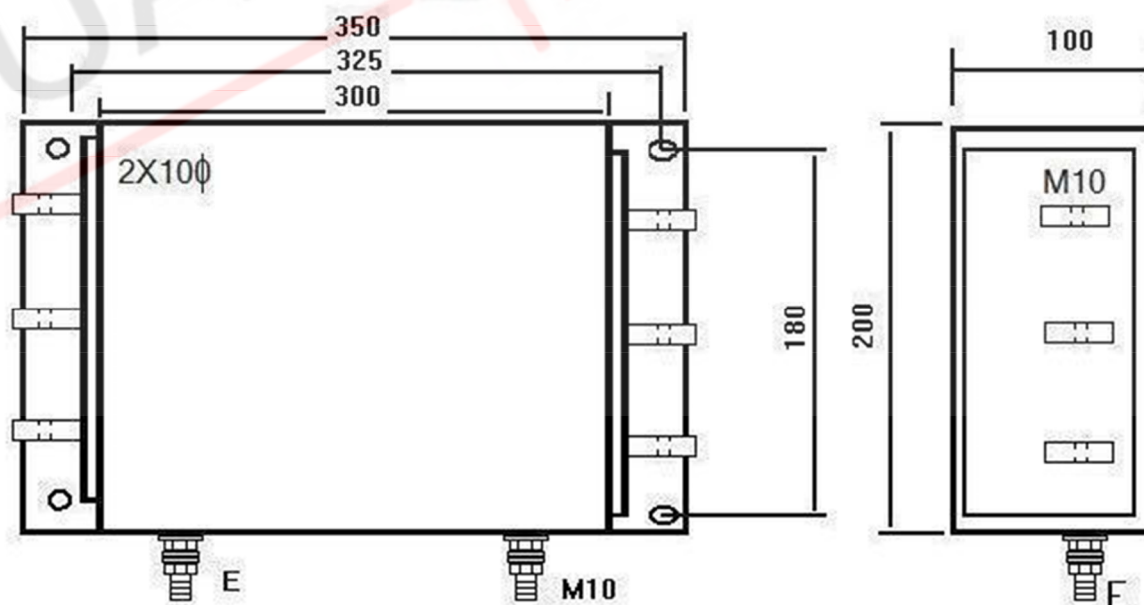


Dimensional Figures (尺寸圖) (Unit : mm)

C



D



Dimensional Figures (尺寸圖) (Unit : mm)

E

