

EMC 歐規三相四線 AC 雙 π 電源濾波器

AC Power 3-Phase 4-Wire 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

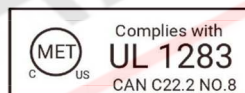
產品特點

- 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	≤ 5 mA @ 40v/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

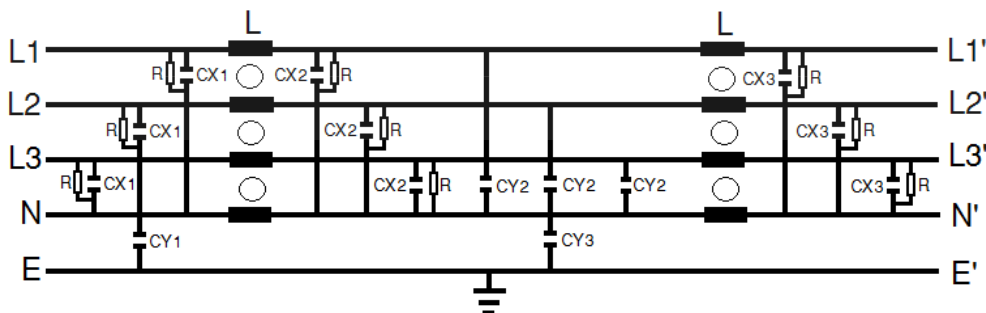
Approvals & Compliances



Applications

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

Typical Electrical Schematic



AC circuit (Two-stage)

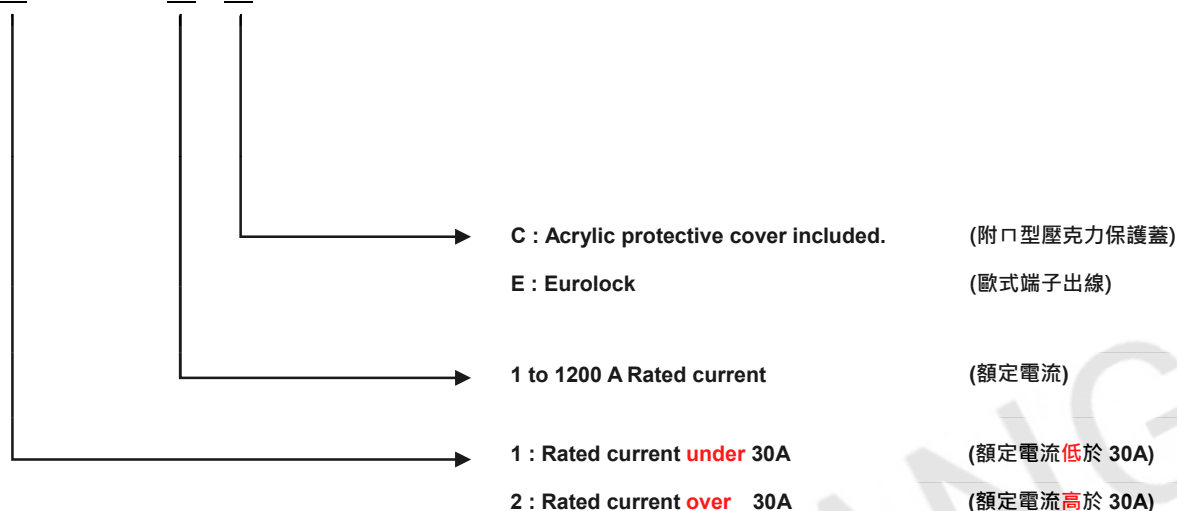
AC 電源濾波電路(雙 π 迴路)

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-9010-4P-L306	6	0~480	25	0.9	A
HUA-9010-4P-L308	8		30	1.92	
HUA-9010-4P-L316	16		16	4.096	B
HUA-9010-4P-L325	25		12	7.5	
HUA-9010-4P-L336	36		11.52	14.92992	
HUA-9020-4P-L350	50		5.6	14	C
HUA-9020-4P-L364	64		5.6	22.9376	
HUA-9020-4P-L380	80		2.1	13.44	
HUA-9020-4P-L3-H110	110		1.25	15.125	D
HUA-9020-4P-L3-H125	125		1.19	18.59375	
HUA-9020-4P-L3-H150	150	0~480	1.19	26.775	
HUA-9020-4P-L3-H180	180		1.19	38.556	
HUA-9020-4P-L3-H200	200		1.15	46	
HUA-9020-4P-L3-H250	250		0.76	47.5	
HUA-9020-4P-L3-H300	300		0.76	68.4	
HUA-9020-4P-L3-H350	350		0.55	67.375	
HUA-9020-4P-L3-H400	400		0.49	78.4	
HUA-9020-4P-L3-H450	450		0.31	62.775	
HUA-9020-4P-L3-H500	500		0.215	53.75	E
HUA-9020-4P-L3-H550	550		0.215	65.0375	
HUA-9020-4P-L3-H600	600		0.215	77.4	
HUA-9020-4P-L3-H650	650	0~480	0.11	46.475	F
HUA-9020-4P-L3-H700	700		0.11	53.9	
HUA-9020-4P-L3-H750	750		0.11	61.875	
HUA-9020-4P-L3-H800	800		0.11	70.4	
HUA-9020-4P-L3-H850	850		0.085	61.4125	
HUA-9020-4P-L3-H900	900		0.085	68.85	
HUA-9020-4P-L3-H950	950		0.046	41.515	
HUA-9020-4P-L3-H1000	1000		0.046	46	
HUA-9020-4P-L3-H1100	1100		0.046	55.66	
HUA-9020-4P-L3-H1200	1200		0.046	66.24	

Product Selector

HUA – 90□0 –4P-L3 □ - □



NOTICE:

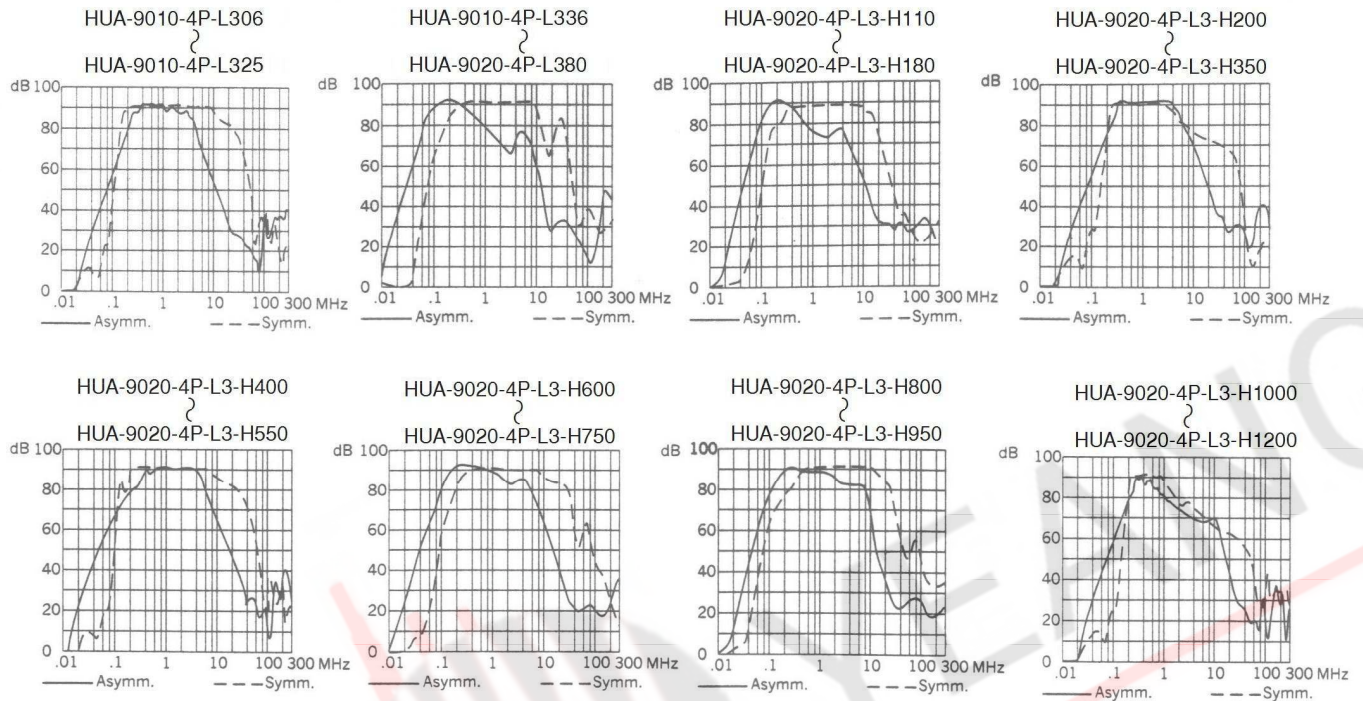
When selecting the filter model, please choose our product based on **1.2 times the full load current** (the filter's safe current range should be 1.2 to 1.5 times the full load current).

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

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)。

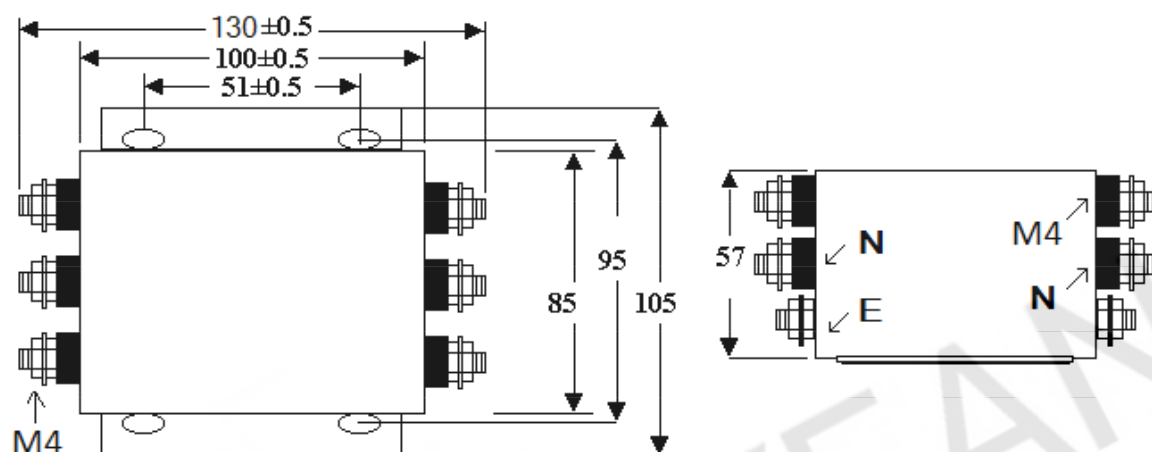
$$\text{變頻器工作電流} = \frac{\text{馬力} \times 746}{\text{工作電壓}}$$

Insertion Loss (衰減值)

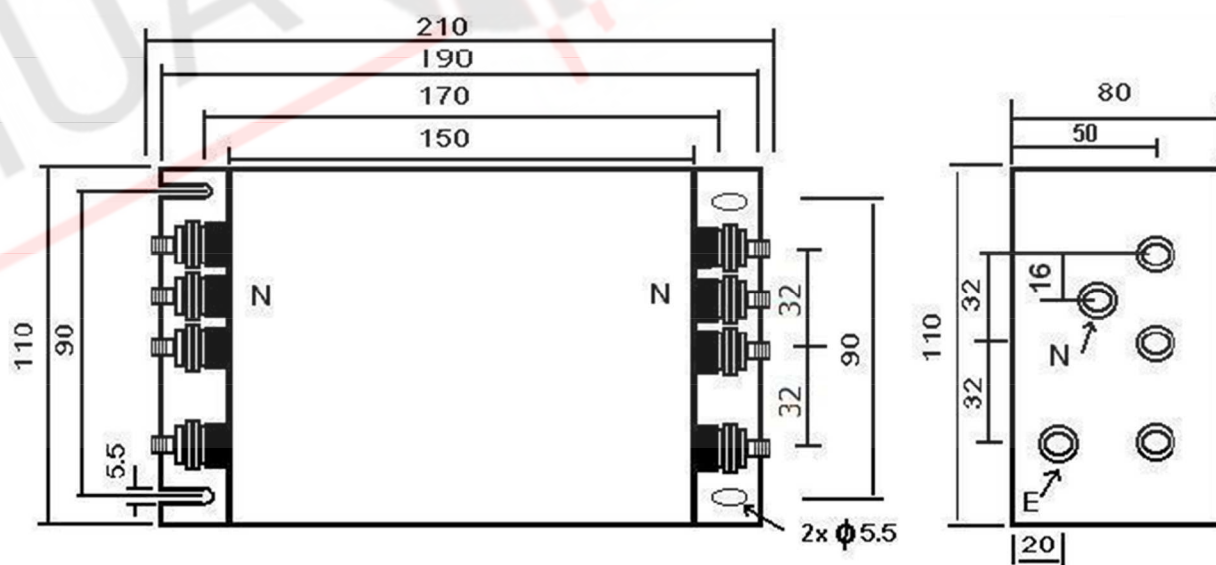


Dimensional Figures (尺寸圖) (Unit : mm)

A

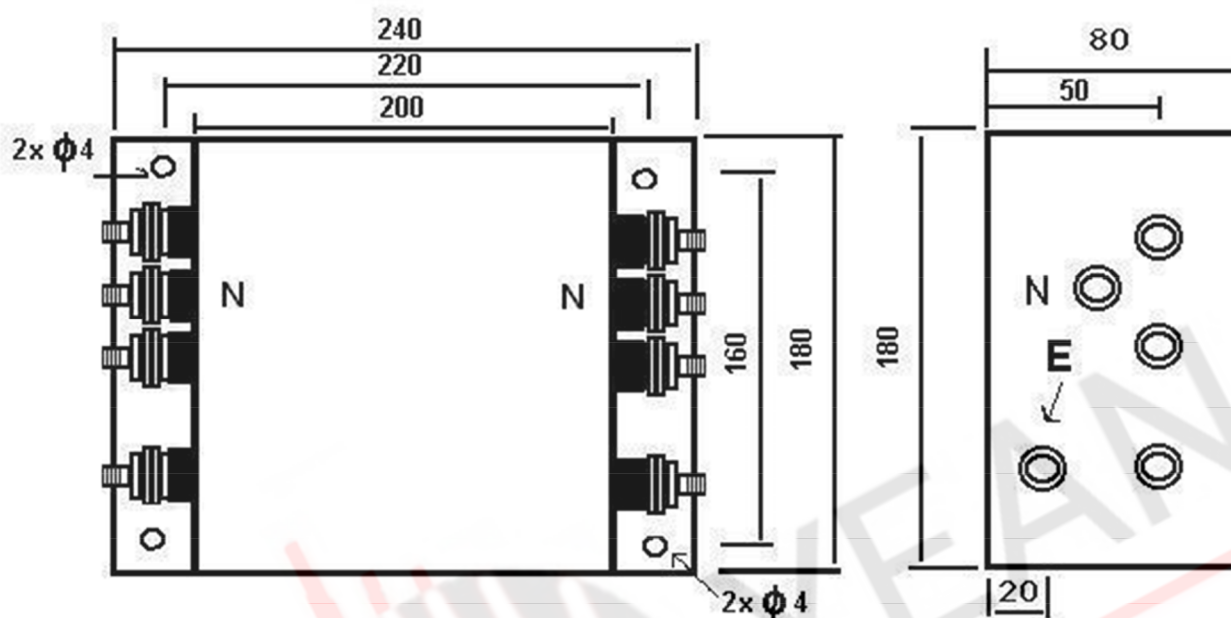


B

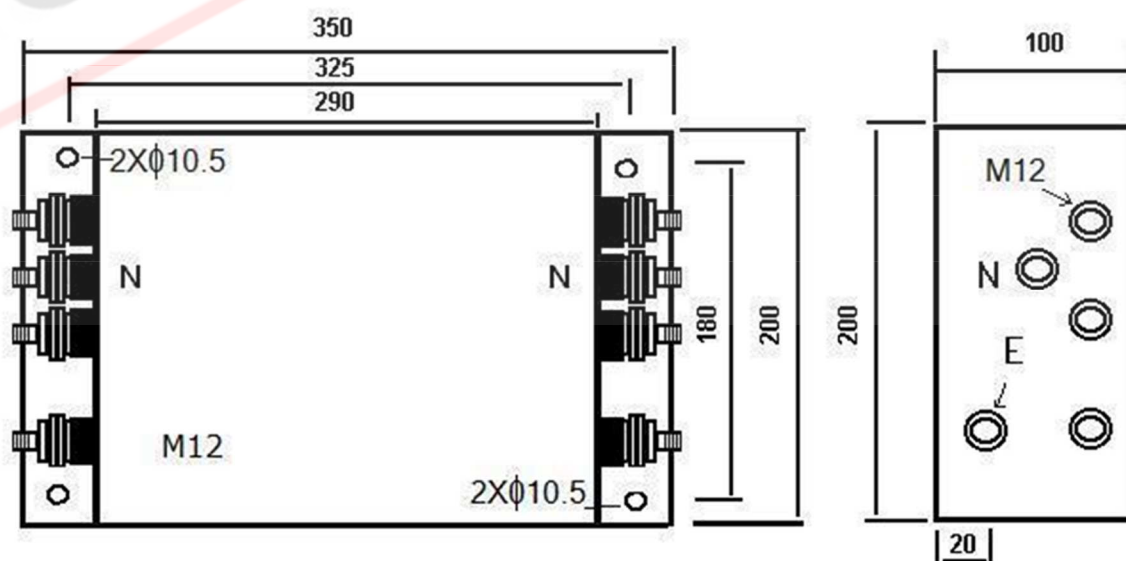


Dimensional Figures (尺寸圖) (Unit : mm)

C

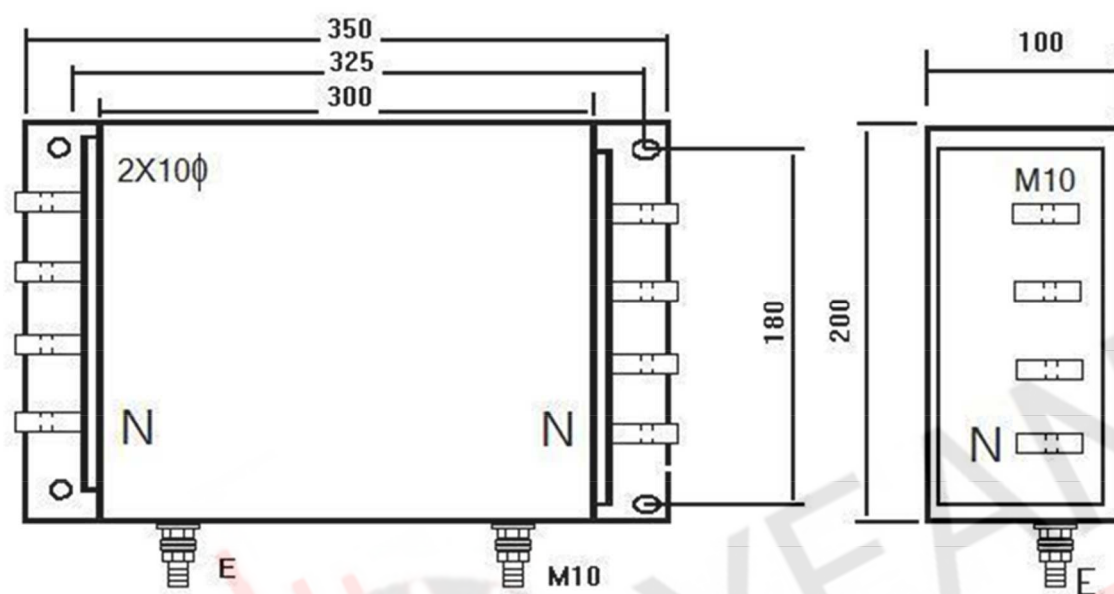


D



Dimensional Figures (尺寸圖) (Unit : mm)

E



F

