

EMC 歐規三相雙 π 電源雜訊抑制濾波器(變頻器專用)

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



Product Features

- Suppressing the inrush current when equipment power on
- Reducing the harmonic noise generated by VFD
- Bidirectional filtering between power grid and equipment
- Specifically designed for Variable-frequency Drive.
- Rated currents from 1 to 800A

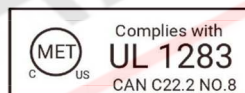
產品特點

- 抑制湧浪電流
- 減少變頻器產生的諧波雜訊
- 電源與電網間雙向濾波
- 特別為變頻器所設計
- 本系列支援最高 800A 的電流

Technical Specifications

Rated voltage	220~480VAC
Rated currents	1 to 800A @ 40°C
Overload current	1.2 × Rated Current (1 min./hour)
Max Leakage current	≤ 30 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

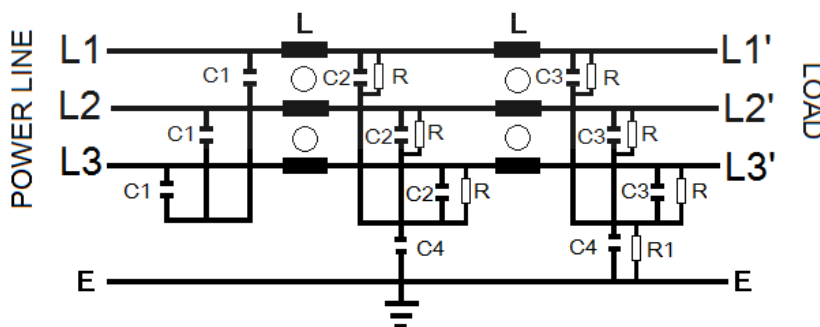
Approvals & Compliances



Applications

- Variable-frequency Drive
- Energy-saving equipment
- Renewable energy
- Precision mechanical equipment
- Servo controller

Typical Electrical Schematic



AC circuit (Two-stage)

AC 電源濾波電路(雙 π 迴路)

Filter Selection Table

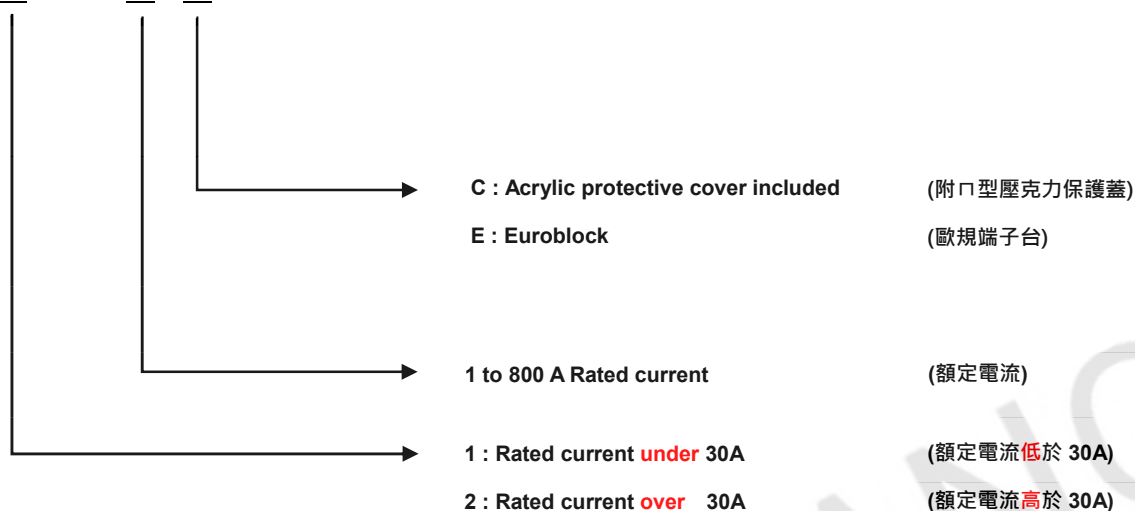
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-I308	8	0~480	57	3.648	A
HUA-9010-I312	12		25	3.6	
HUA-9010-I316	16		21	5.376	
HUA-9010-I325	25		12	7.5	
HUA-9010-I336	36		9.5	12.312	
HUA-9020-I350	50		6	15	
HUA-9020-I364	64		5.8	23.7568	B
HUA-9020-I380	80		5.5	35.2	
HUA-9020-I3-H110	110		2.75	33.275	
HUA-9020-I3-H125	125		2.7	42.1875	
HUA-9020-I3-H150	150		1.6	36	
HUA-9020-I3-H180	180		1.37	44.388	
HUA-9020-I3-H200	200		1.35	54	
HUA-9020-I3-H250	250		0.44	27.5	C
HUA-9020-I3-H300	300		0.22	19.8	
HUA-9020-I3-H350	350		0.12	14.7	D
HUA-9020-I3-H400	400		0.12	19.2	
HUA-9020-I3-H450	450		0.12	24.3	
HUA-9020-I3-H500	500		0.092	23	
HUA-9020-I3-H550	550		0.092	27.83	
HUA-9020-I3-H600	600		0.092	33.12	
HUA-9020-I3-H650	650		0.092	38.87	
HUA-9020-I3-H700	700		0.092	45.08	
HUA-9020-I3-H750	750		0.092	51.75	
HUA-9020-I3-H800	800		0.092	58.88	

* 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 – I3- □ - □



NOTICE:

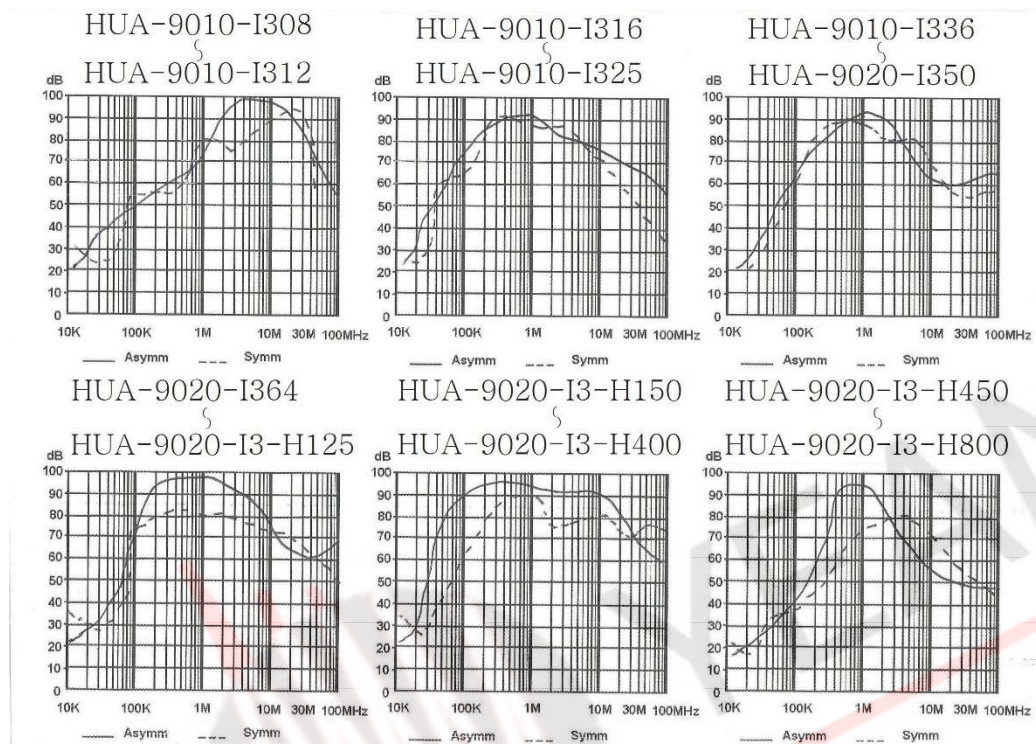
When selecting the filter model, please choose our product based on **1.2 times the full load current** (the filter's safe current range should be 1.2 to 1.5 times the full load current).

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

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)。

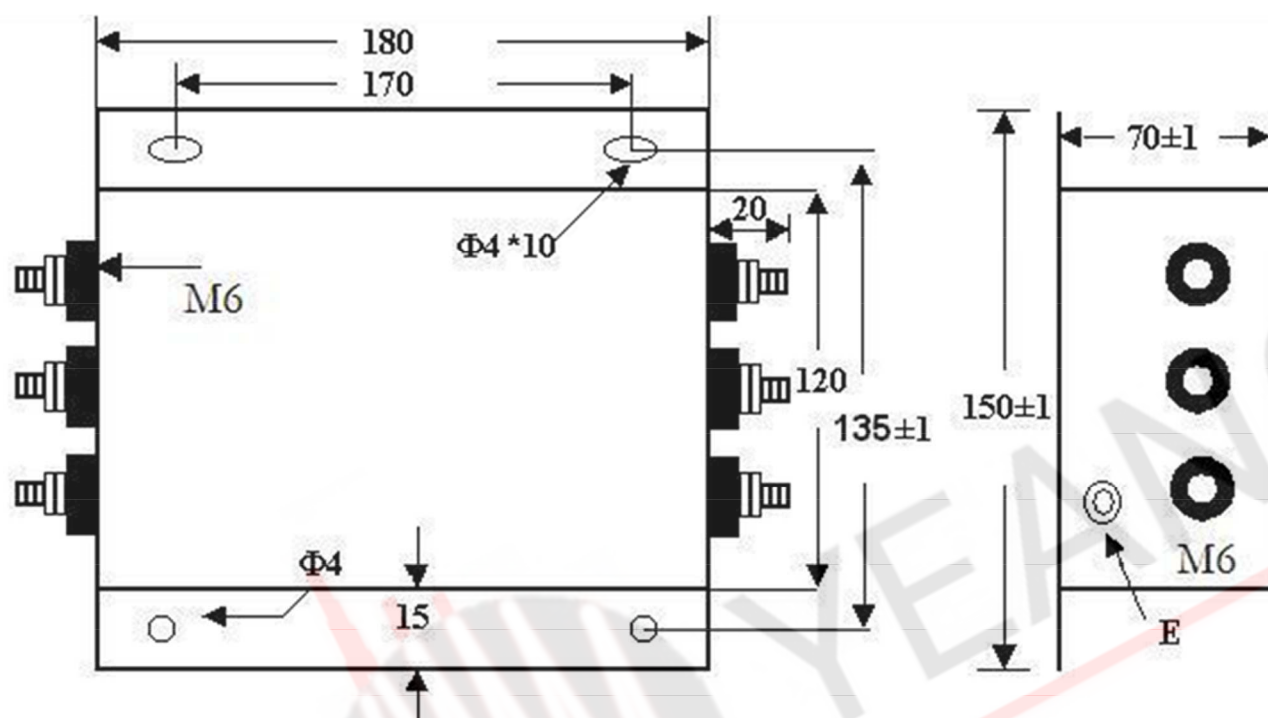
$$\text{變頻器工作電流} = \frac{\text{馬力} \times 746}{\text{工作電壓}}$$

Insertion Loss (衰減值)

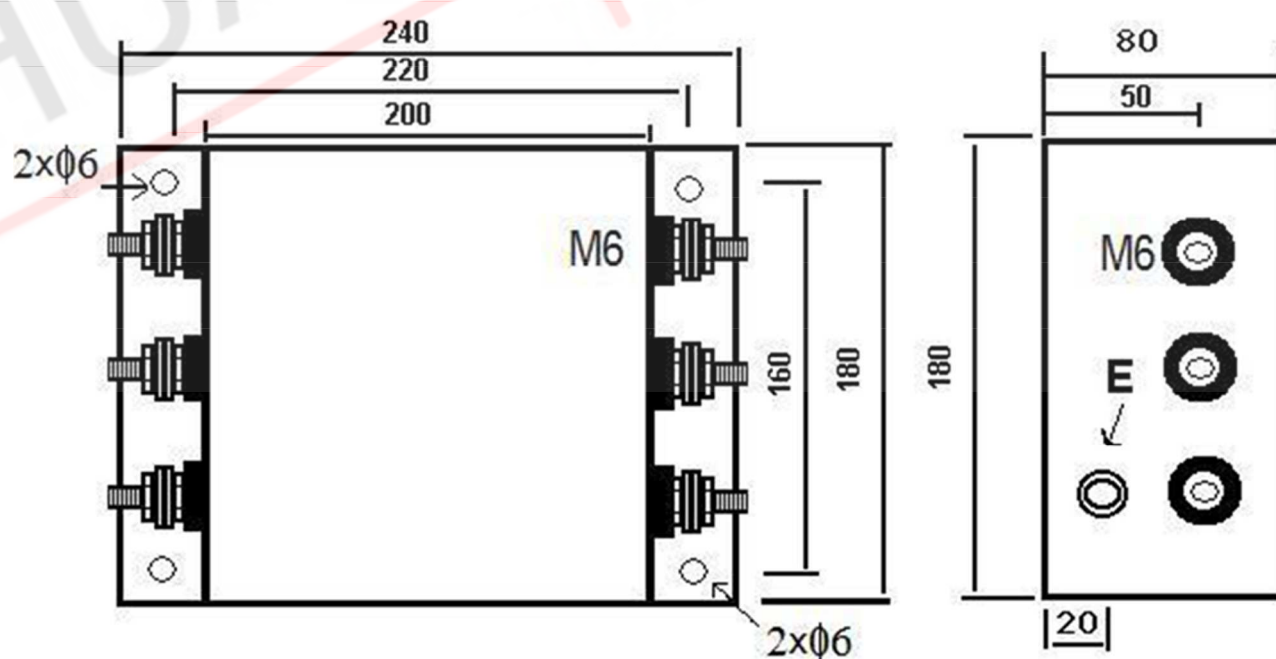


Dimensional Figures (尺寸圖) (Unit : mm)

A

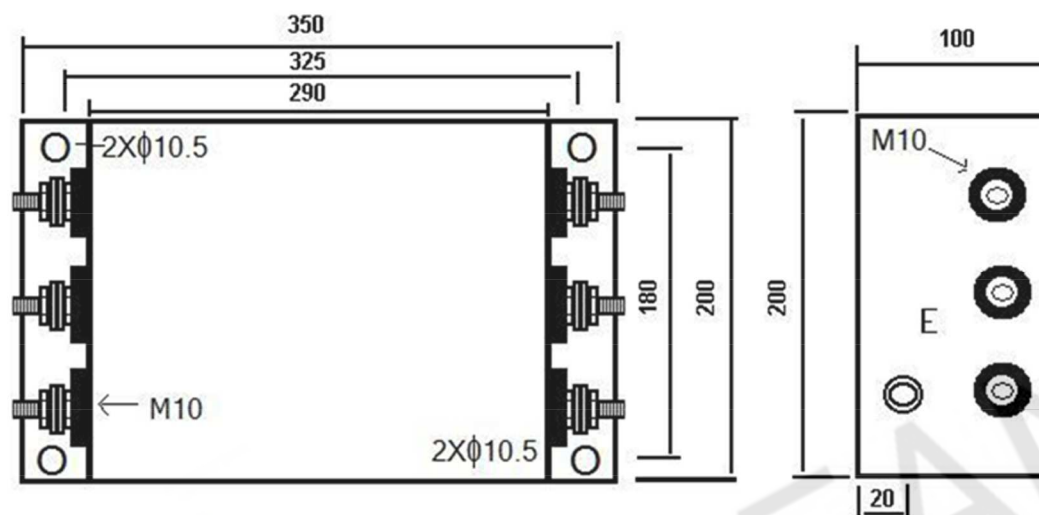


B

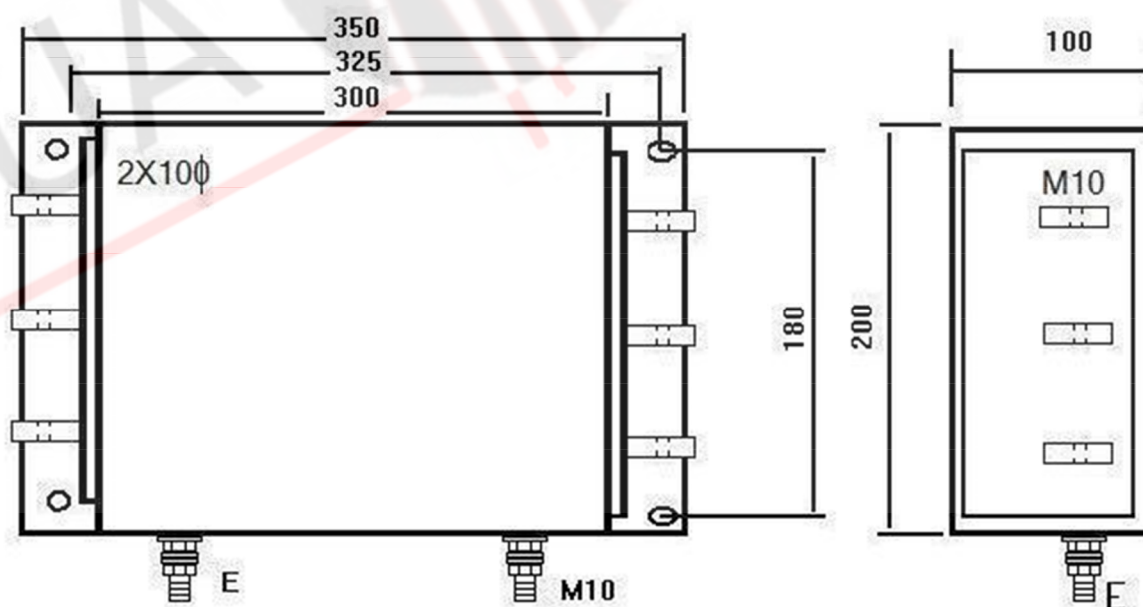


Dimensional Figures (尺寸圖) (Unit : mm)

C



D



Dimensional Figures (尺寸圖) (Unit : mm)

E

