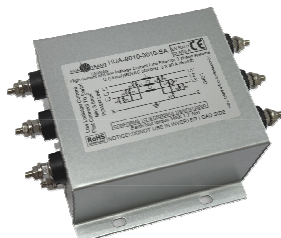


EMC 日規三相 AC 單 π 電源雜訊抑制濾波器

AC Power Three-Phase One-Stage EMI Filter (Japan type)



Product Features

- Suppressing the inrush current when equipment power on
- Increase equipment tolerance to voltage transients
- Bidirectional filtering between power grid and equipment
- High differential and common-mode attenuation
- Rated currents from 1 to 1200A

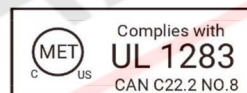
產品特點

- 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
- 優異的共模及差模的雜訊抑制效果
- 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 @ 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

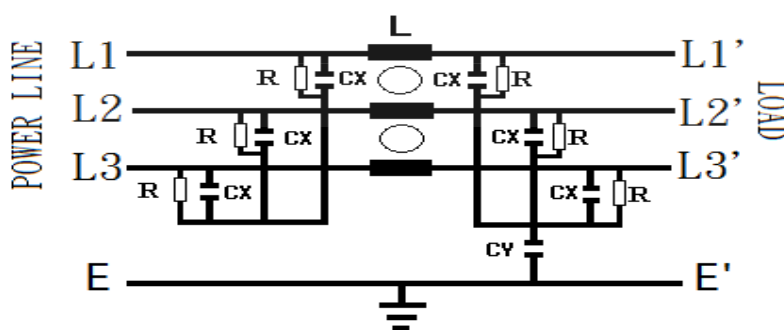
Approvals & Compliances



Applications

- Electrical and electronic equipment
- Power supply
- Variable-frequency Drive
- Servo controller
- Medical equipment (OEM)

Typical Electrical Schematic



AC circuit (One-stage)

AC 電源濾波電路(單 π 迴路)

Filter Selection Table

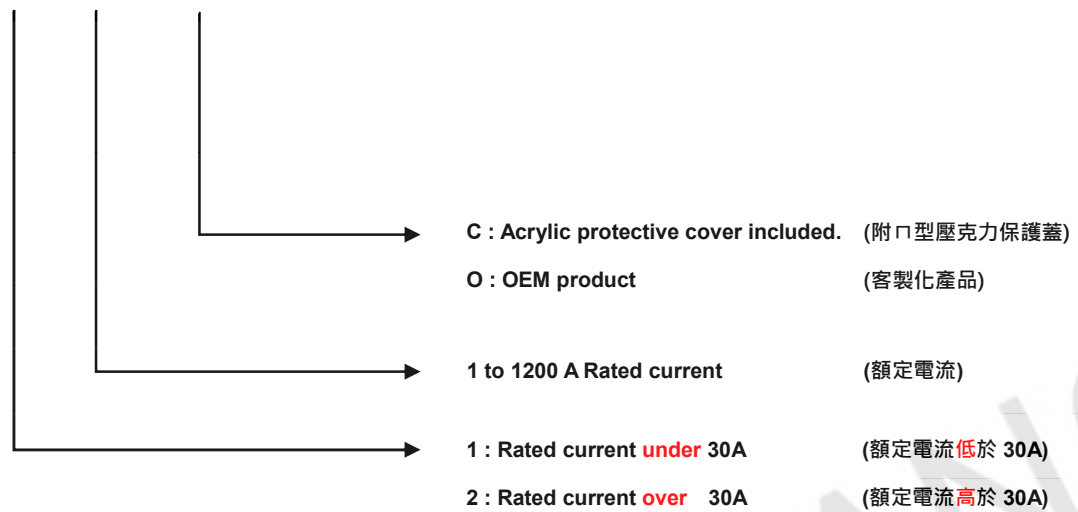
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-0610-SA□	6	0~480	28	1.008	A
HUA-9010-1010-SA□	10		21	2.1	
HUA-9010-1610-SA□	16		11.5	2.944	
HUA-9010-2010-SA□	20		6	2.4	
HUA-9010-3010-SA□	30		2.5	2.25	
HUA-9020-4010-SA□	40		2.3	3.68	
HUA-9020-5010-SA□	50		2.2	5.5	B
HUA-9020-6410-SA□	64		1.17	6.96	
HUA-9020-8010-SA□	80		1.1	7.04	C
HUA-9020-H100-SA□	100		0.75	7.5	
HUA-9020-H110-SA□	110		0.73	8.833	
HUA-9020-H125-SA□	125		0.7	10.9	D
HUA-9020-H150-SA□	150		0.6	13.5	
HUA-9020-H180-SA□	180		0.5	16.2	
HUA-9020-H200-SA□	200		0.4	16	
HUA-9020-H225-SA□	225		0.37	18.7	
HUA-9020-H250-SA□	250		0.37	23.125	
HUA-9020-H300-SA□	300		0.37	33.3	
HUA-9020-H350-SA□	350		0.37	45.3	
HUA-9020-H400-SA□	400		0.32	51.2	
HUA-9020-H450-SA□	450		0.32	64.8	
HUA-9020-H500-SA□	500		0.32	80	
HUA-9020-H550-SA□	550		0.27	81.675	
HUA-9020-H600-SA□	600		0.27	97.2	E
HUA-9020-H650-SA□	650		0.27	114	
HUA-9020-H700-SA□	700		0.27	132.2	
HUA-9020-H750-SA□	750		0.23	129.3	
HUA-9020-H800-SA□	800		0.23	147.2	
HUA-9020-H900-SA□	900		0.23	218.7	
HUA-9020-H1000-SA□	1000		0.23	270	
HUA-9020-H1100-SA□	1100		0.19	229.9	
HUA-9020-H1200-SA□	1200		0.19	388.8	

* For requirements involving medical equipment, please contact us directly.

* 如果您有使用在醫療設備上的需求，請直接聯繫我們。

Product Selector

HUA – 90□0 – □ - SA□



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).

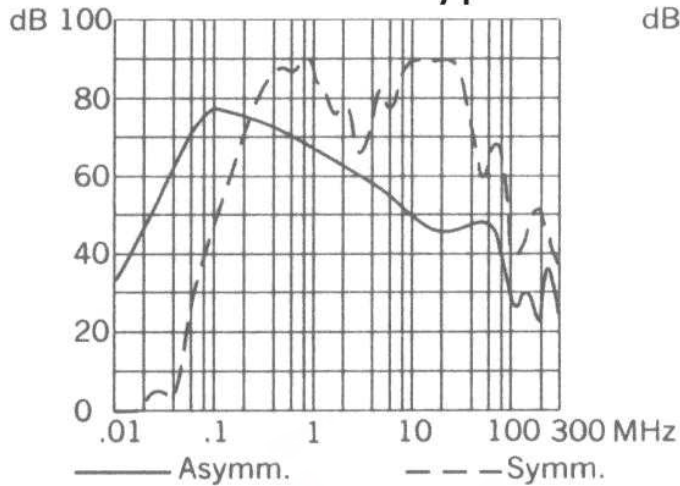
$$\text{Inverter operating current} = \frac{\text{Horsepower} \times 746}{\text{Operating voltage}}$$

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)。

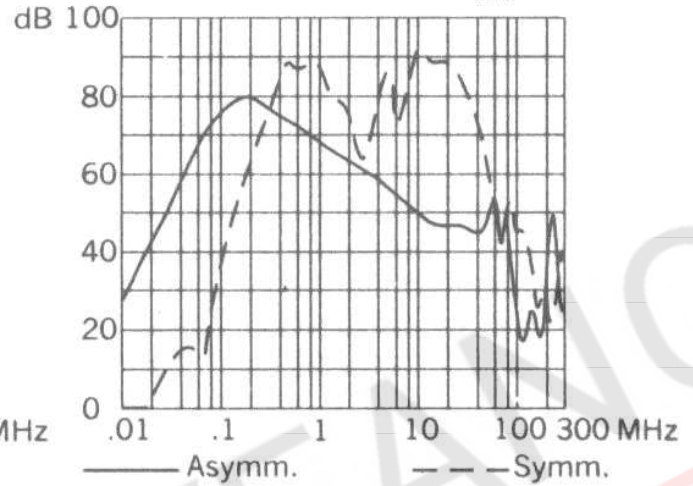
$$\text{變頻器工作電流} = \frac{\text{馬力} \times 746}{\text{工作電壓}}$$

Insertion Loss (衰減值)

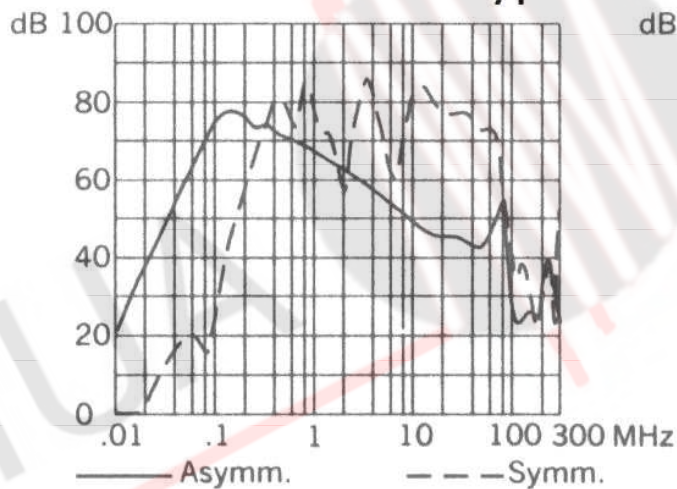
6A TO 50A type



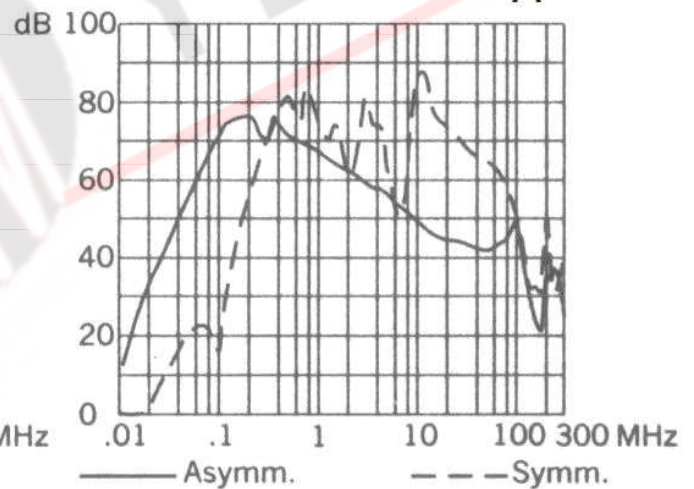
64A TO 225A type



250A TO 600A type

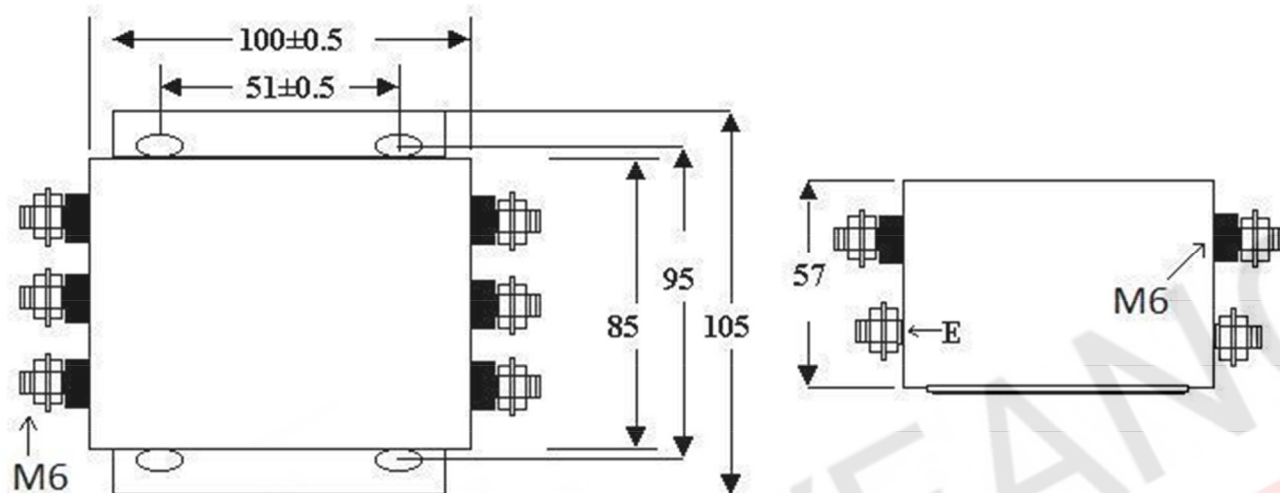


650A TO 1200 A type

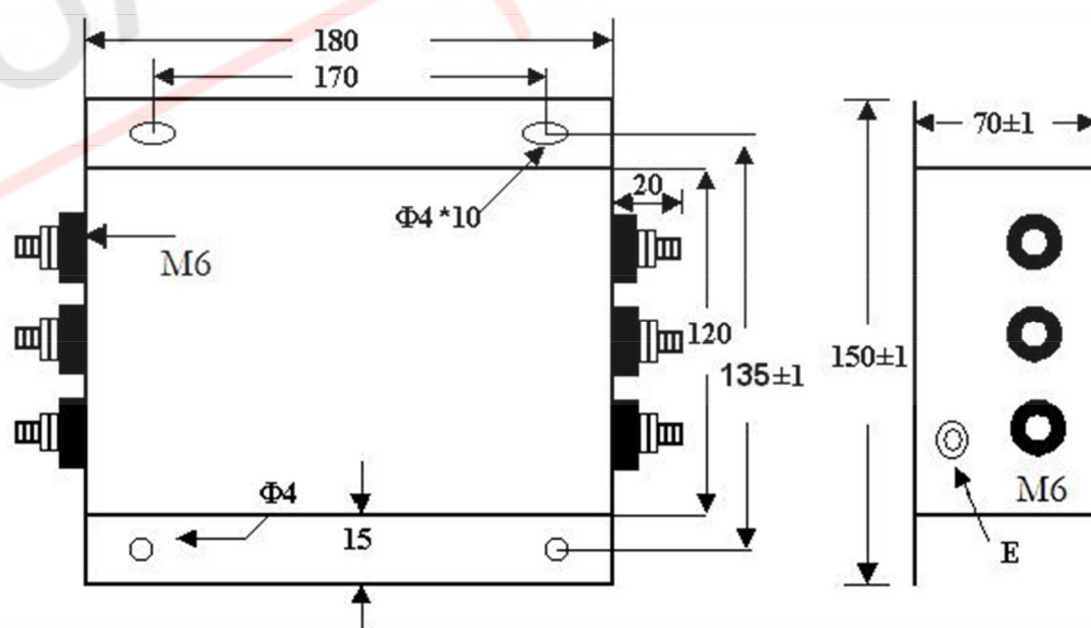


Dimensional Figures (尺寸圖) (Unit : mm)

A

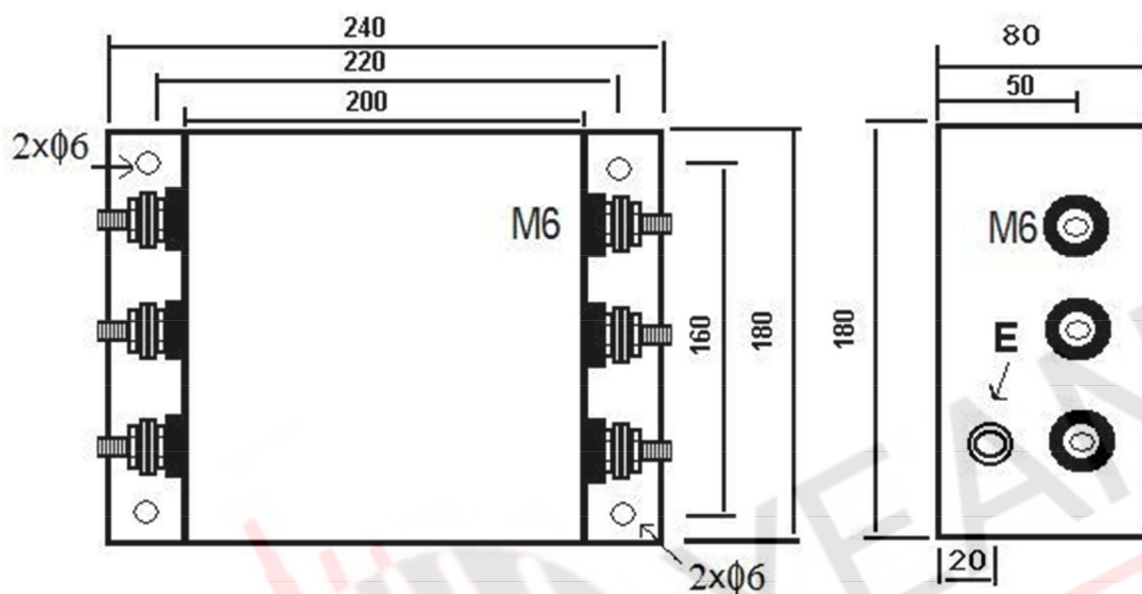


B

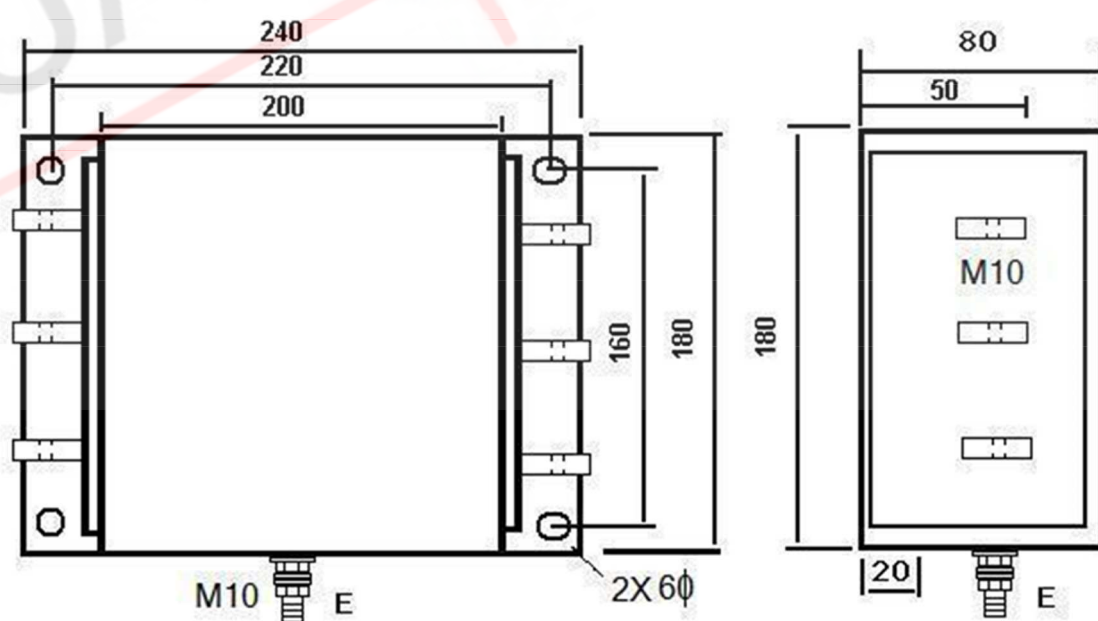


Dimensional Figures (尺寸圖) (Unit : mm)

C



D



Dimensional Figures (尺寸圖) (Unit : mm)

E

