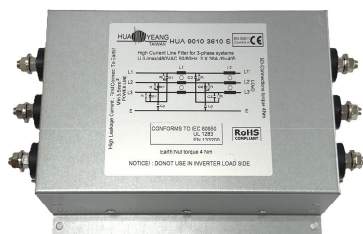


EMC 日規三相 AC 雙 π 電源雜訊抑制濾波器

AC Power Three-Phase Two-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 1000A

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 1000A 的電流

Technical Specifications

Rated voltage	220~480VAC
Rated currents	1 to 1000A @ 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

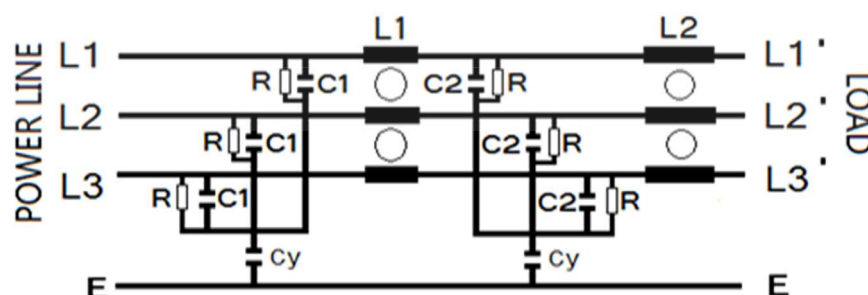
Approvals & Compliances



Applications

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

Typical Electrical Schematic



AC circuit (Two-stage)

AC 電源濾波電路(雙 π 迴路)

Filter Selection Table

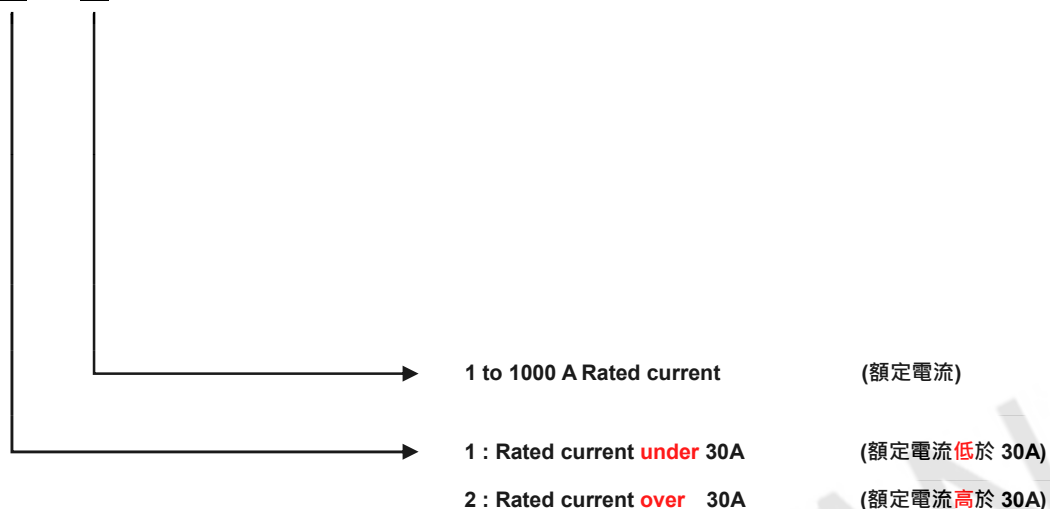
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-0810-S	8	0~480	4.5	0.288	A
HUA-9010-1210-S	12		4	0.576	
HUA-9010-1610-S	16		2.5	0.64	
HUA-9010-2510-S	25		3	1.875	
HUA-9010-3610-S	36		3.5	4.536	
HUA-9020-5010-S	50		2.3	5.75	B
HUA-9020-6410-S	64		1.17	6.9632	
HUA-9020-8010-S	80		1.1	7.04	
HUA-9020-H110-S	110		1	12.1	
HUA-9020-H125-S	125		0.95	14.84	
HUA-9020-H150-S	150		0.9	20.25	C
HUA-9020-H180-S	180		1	32.4	
HUA-9020-H200-S	200		1	40	
HUA-9020-H250-S	250		0.95	59.375	D
HUA-9020-H300-S	300		0.95	85.5	
HUA-9020-H350-S	350		0.85	104.125	
HUA-9020-H400-S	400		0.85	136	
HUA-9020-H450-S	450		0.5	101.25	
HUA-9020-H500-S	500		0.5	125	
HUA-9020-H550-S	550		0.5	151.25	
HUA-9020-H600-S	600		0.45	162	
HUA-9020-H650-S	650		0.38	160.55	
HUA-9020-H700-S	700		0.38	186.2	
HUA-9020-H750-S	750		0.3	168.75	
HUA-9020-H800-S	800		0.3	192	
HUA-9020-H850-S	850		0.25	180.625	
HUA-9020-H900-S	900		0.23	186.3	
HUA-9020-H950-S	950		0.21	189.525	
HUA-9020-H1000-S	1000		0.2	200	

* 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 – □ - S



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).

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

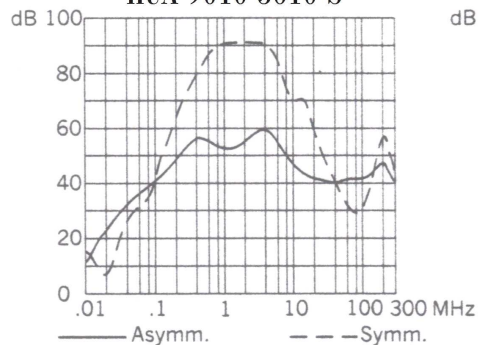
選擇濾波器型號時，請根據**全載電流的 1.2 倍**來選擇我們的產品
(濾波器的安全電流範圍應為全載電流的 1.2 至 1.5 倍)。

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

Insertion Loss (衰減值)

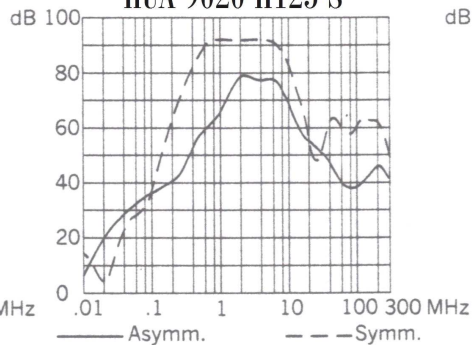
HUA-9010-0810-S

HUA-9010-3610-S



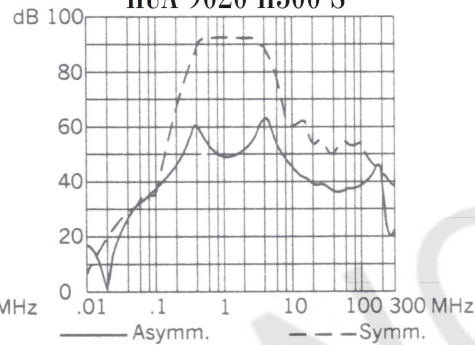
HUA-9020-5010-S

HUA-9020-H125-S



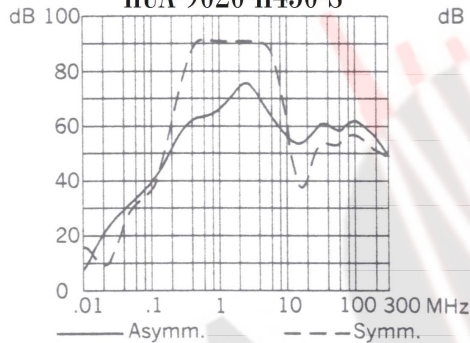
HUA-9020-H150-S

HUA-9020-H300-S



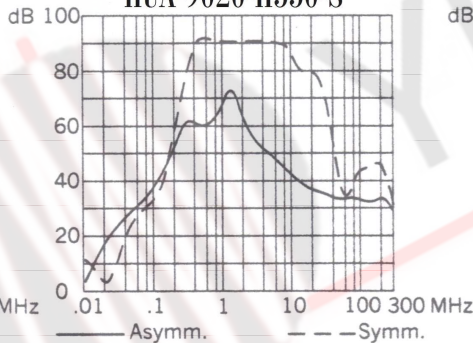
HUA-9020-H350-S

HUA-9020-H450-S



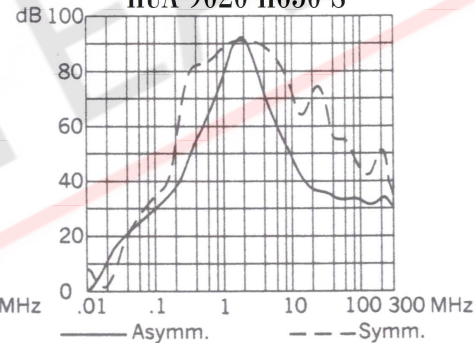
HUA-9020-H500-S

HUA-9020-H550-S



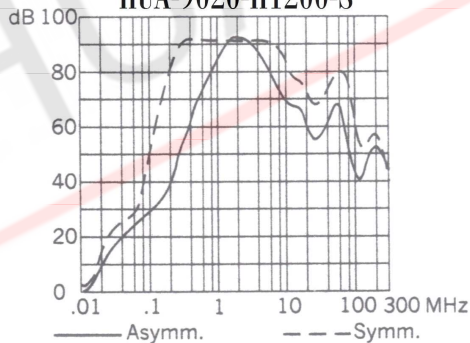
HUA-9020-H600-S

HUA-9020-H650-S



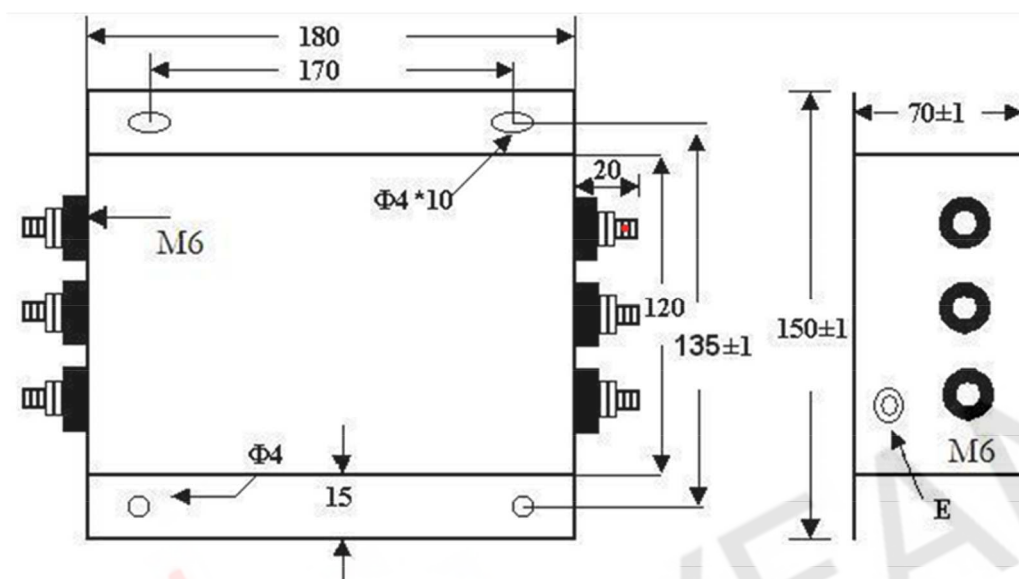
HUA-9020-H700-S

HUA-9020-H1200-S

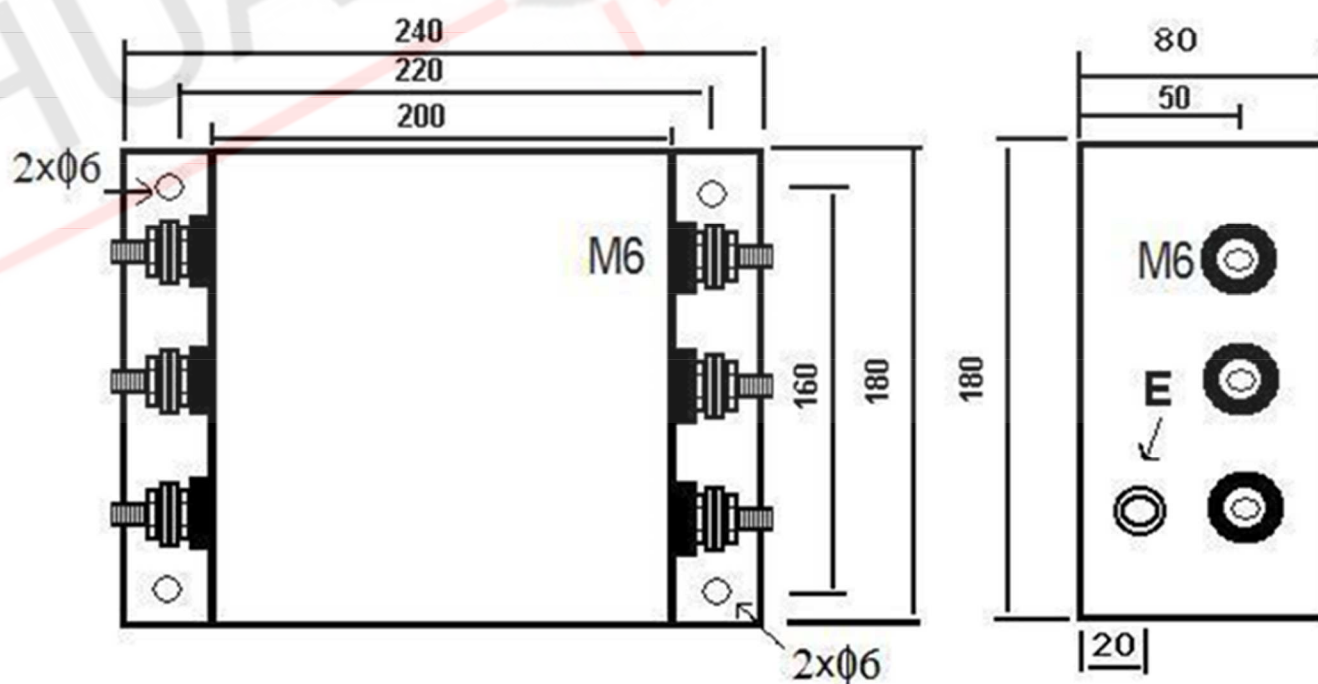


Dimensional Figures (尺寸圖) (Unit : mm)

A

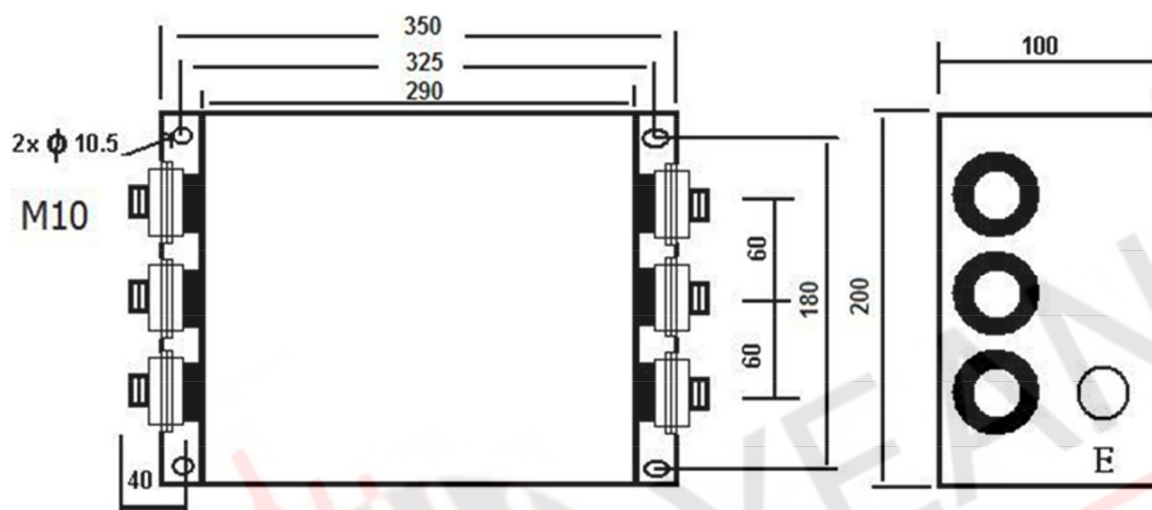


B



Dimensional Figures (尺寸圖) (Unit : mm)

C



D

