

EMI 日規三相四線 AC 泛用型電源濾波器

AC Power 3-Phase 4-Wire General Type EMI Filter



Product Features

- Suppressing the inrush current when equipment power on
- Slightly increase equipment tolerance to voltage transients
- Bidirectional filtering between power grid and equipment
- Normal differential and common-mode attenuation
- Rated currents from 1 to 50A

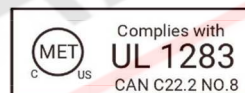
產品特點

- 抑制湧浪電流
- 稍微增強對電壓瞬變的耐受程度
- 電源與電網間雙向濾波
- 基礎的共模及差模的雜訊抑制效果
- 本系列支援最高 50A 的電流

Technical Specifications

Rated voltage	220~480VAC
Rated currents	1 to 50A @ 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

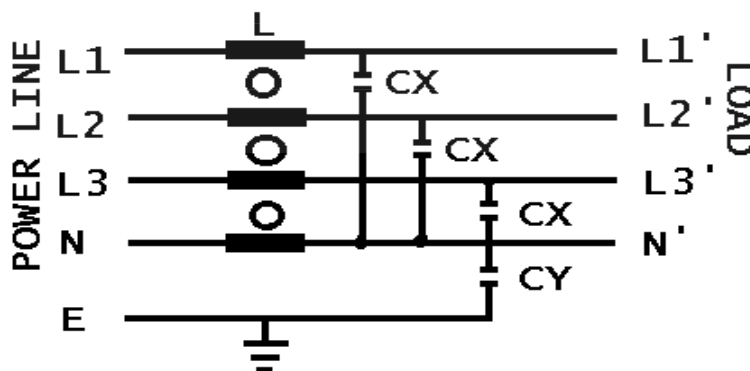
Approvals & Compliances



Applications

- Electrical and electronic equipment
- Power supply
- Variable-frequency Drive
- Servo controller
- Machine tools

Typical Electrical Schematic



AC circuit

AC 電源濾波電路

Filter Selection Table

Screw and Euroblock terminal (螺絲及歐式端子出線)

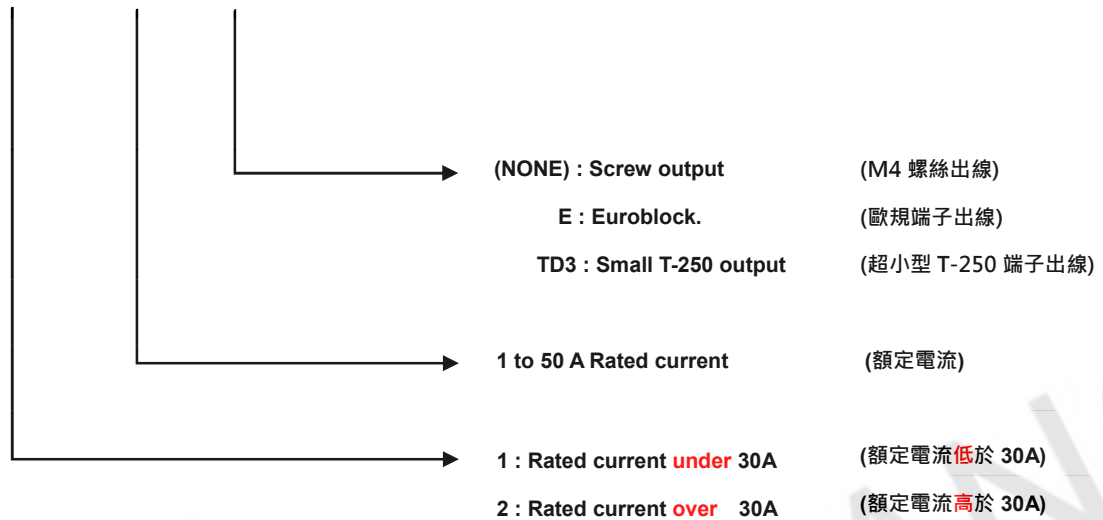
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-D303-□	3	0~480	15.5	0.139	A/B
HUA-9010-D306-□	6		14.5	0.522	
HUA-9010-D310-□	10		8.32	0.832	
HUA-9010-D320-□	20		3.3	1.32	
HUA-9010-D330-□	30		2.1	1.89	
HUA-9020-D340-□	40		2	3.2	
HUA-9020-D350-□	50		1.5	3.75	

Small T-250 terminal (超小型 T-250 端子出線)

Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-D303-TD3	3	0~250	24	0.216	C
HUA-9010-D306-TD3	6		23	0.828	
HUA-9010-D310-TD3	10		8.32	0.832	
HUA-9010-D320-TD3	20		6.3	2.52	

Product Selector

HUA – 90□0 – D3□ – SA□



NOTICE:

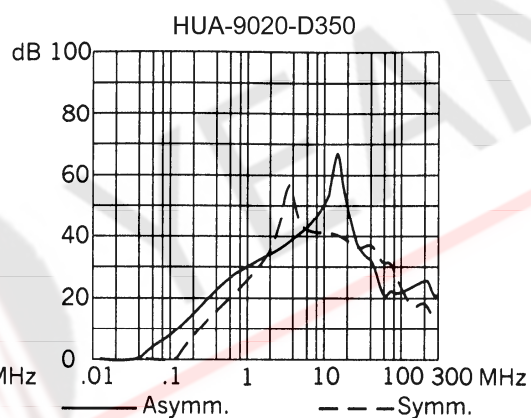
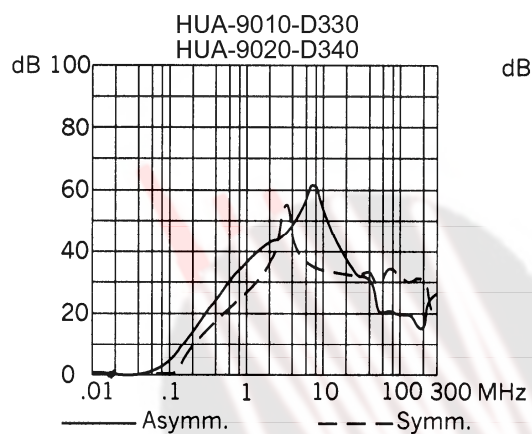
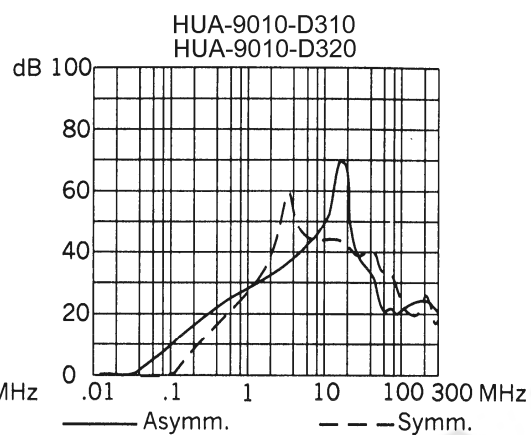
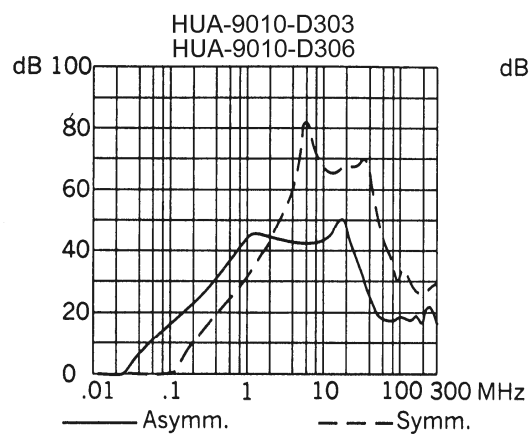
When selecting the filter model, please choose our product based on **1.2 times the full load current** (the filter's safe current range should be 1.2 to 1.5 times the full load current).

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

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)。

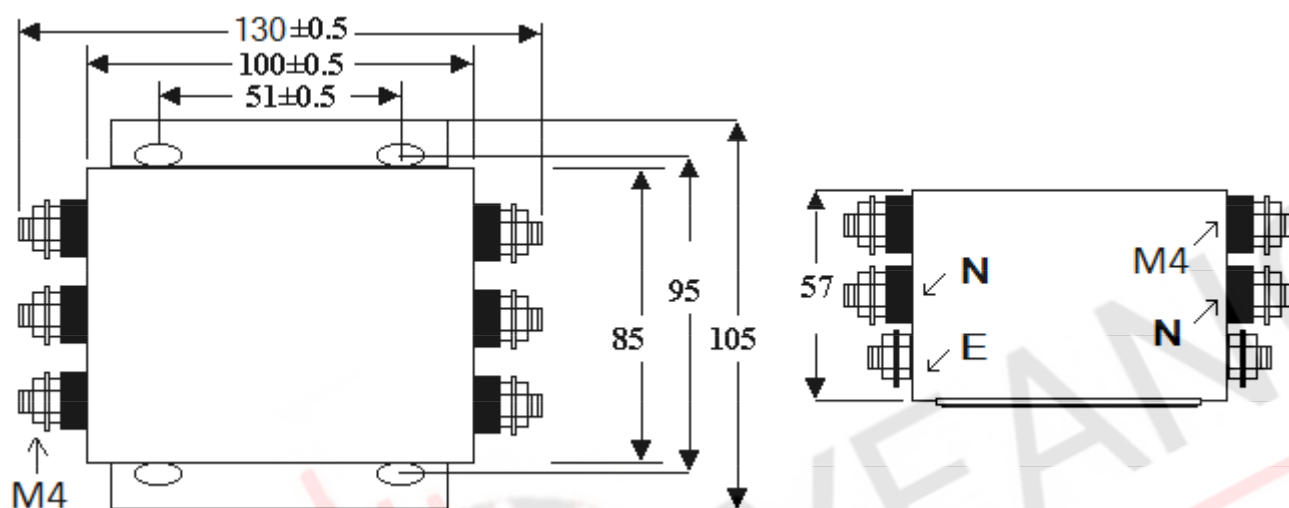
$$\text{變頻器工作電流} = \frac{\text{馬力} \times 746}{\text{工作電壓}}$$

Insertion Loss (衰減值)

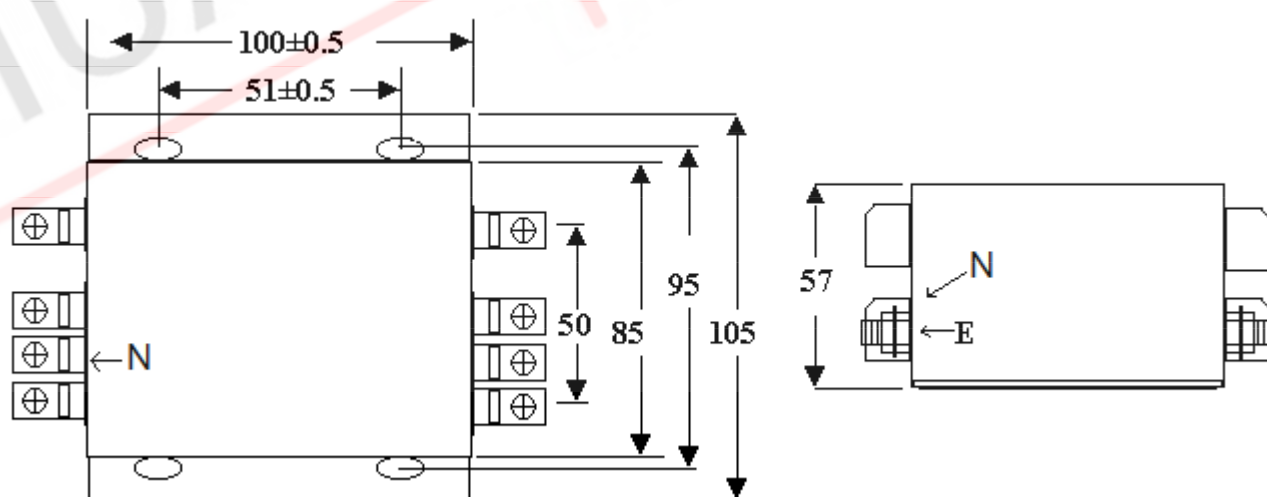


Dimensional Figures (尺寸圖) (Unit : mm)

A



B



Dimensional Figures (尺寸圖) (Unit : mm)

C

