

EMC 歐規單相 AC 單 π 電源雜訊抑制濾波器

AC Power Single-Phase Single-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
- High differential and common-mode attenuation
- Rated currents from 1 to 1200A

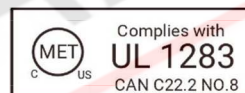
產品特點

- 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
- 更好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	Standard : 0~250 VAC OEM : 380~500VAC
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

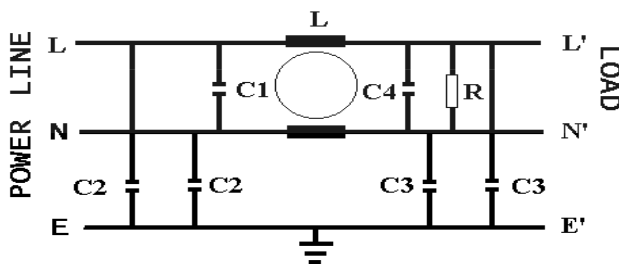
Approvals & Compliances



Applications

- Electrical and electronic equipment
- Datacom equipment
- Single-phase motor
- Industrial applications
- Consumer goods

Typical Electrical Schematic



AC circuit (single-stage)

AC 電源濾波電路(單 π 迴路)

Filter Selection Table

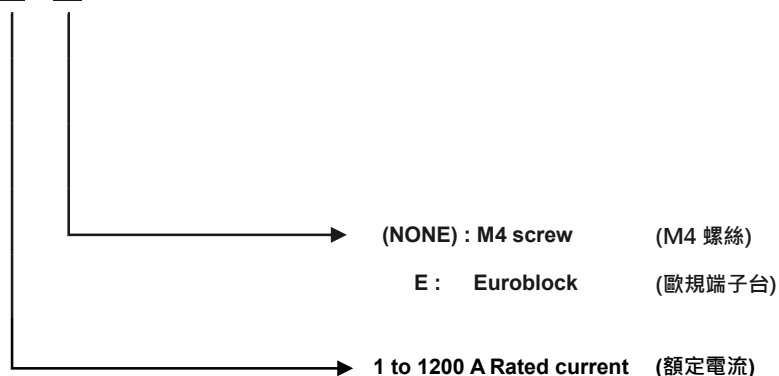
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-D110-□	10	0~250	14.2	1.42	A/A1
HUA-9010-D120-□	20		5.8	2.32	
HUA-9010-D130-□	30		2.4	2.16	
HUA-9010-D140-□	40		2.3	3.68	
HUA-9010-D150-□	50		2.2	5.5	
HUA-9010-D160-□	60		2.1	7.56	
HUA-9010-D180-□	80		2	12.8	B/B1
HUA-9010-D1-100-□	100		1.5	15	

* If your current requirement greater than 100 amperes, please contact us directly.

* 如果您的電流需求 > 100A，請直接聯繫我們。

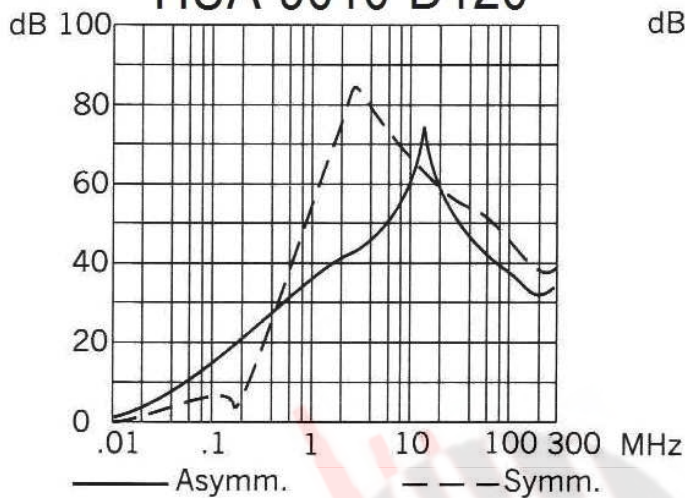
Product Selector

HUA – 9010 – D1□ - □

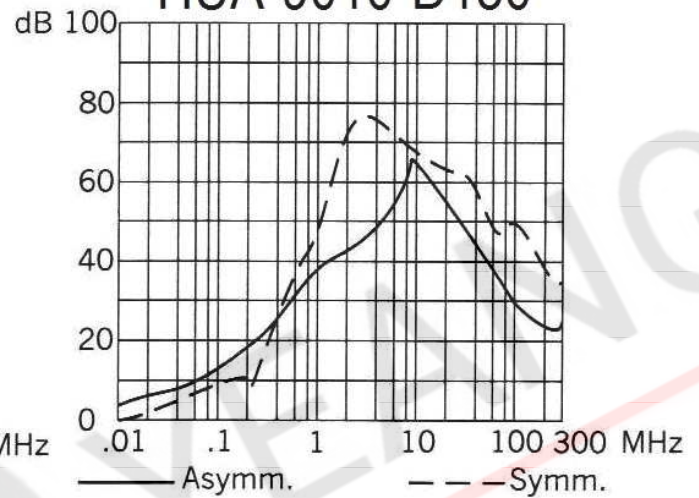


Insertion Loss (衰減值)

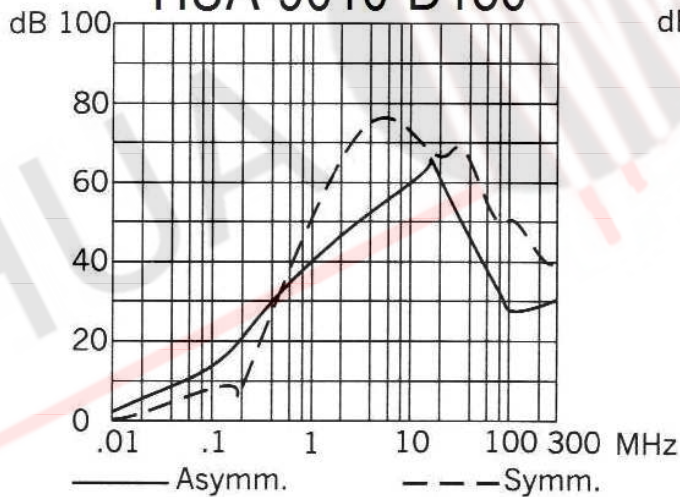
HUA-9010-D110
HUA-9010-D120



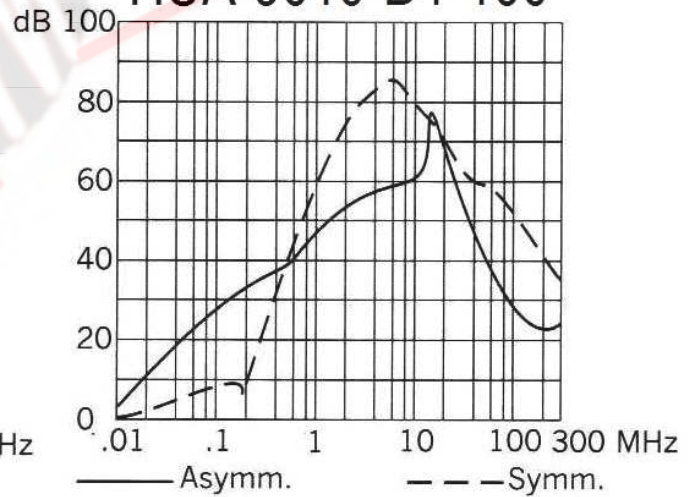
HUA-9010-D130
HUA-9010-D140
HUA-9010-D150



HUA-9010-D160
HUA-9010-D180

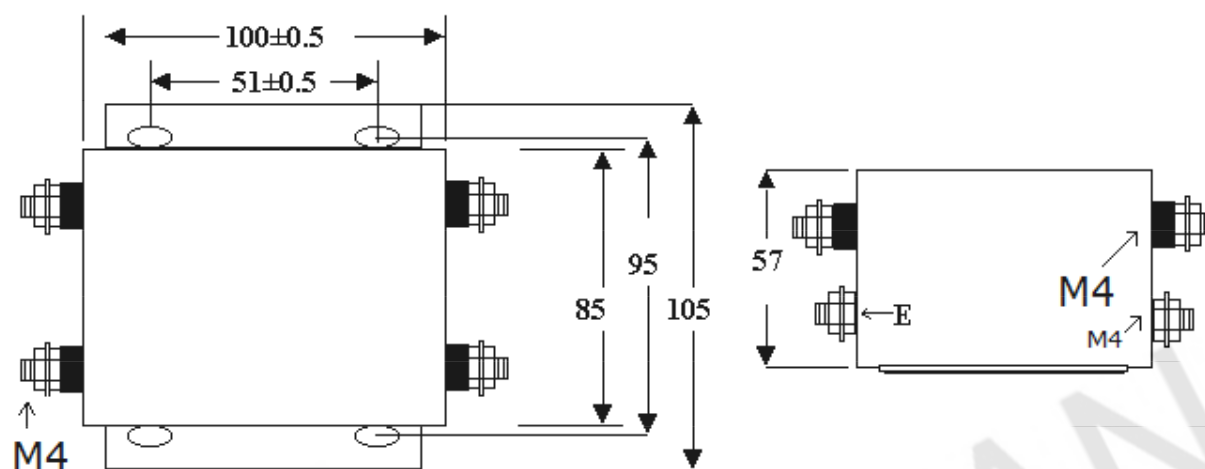


HUA-9010-D1-100

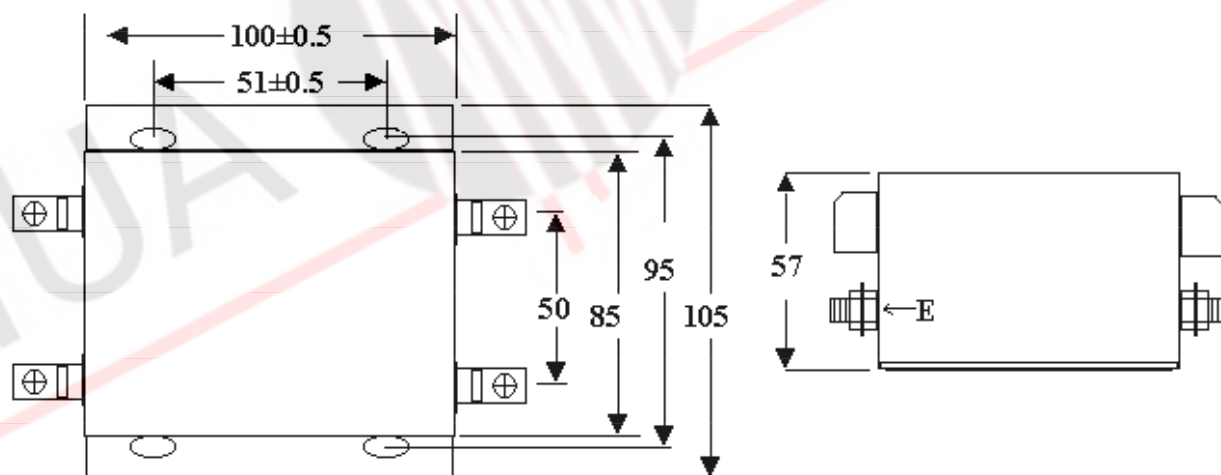


Dimensional Figures (尺寸圖) (Unit : mm)

A

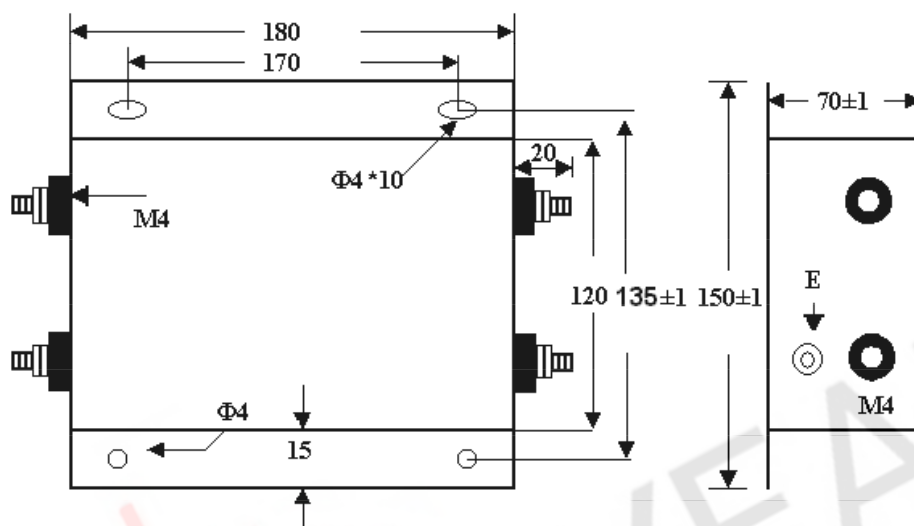


A1



Dimensional Figures (尺寸圖) (Unit : mm)

B



B1

