

EMC 歐規單相 DC 電源雜訊抑制濾波器

DC Power EMC 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
- Effectively reduce the ripple voltage of DC power
- Rated currents from 1 to 1200A

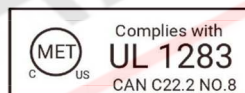
產品特點

- 抑制湧浪電流
- 增強設備對電壓瞬變的耐受程度
- 電源與電網間雙向濾波
- 有效地減少直流電源中的電壓漣波
- 本系列支援最高 1200A 的電流

Technical Specifications

Rated voltage	0~250 VDC
Rated currents	1 to 50A @ 40°C
Overload current	1.5 × Rated Current (1 min./hour)
Max Leakage current	≤ 2 mA @ 80V/ 0Hz
Temperature range	-25 to +85 °C
Temperature rise	≤ 30°C
High potential test voltage	L → E 1500 VAC / 2250 VDC L → L 1500 VDC
Insulation Resistance	L → E ≥ 3000MΩ L → L ≥ 2000MΩ
Certified to	UL 1283, EN55011, EN55022, CISPR 16-2-3, EN/IEC 60950, 61000

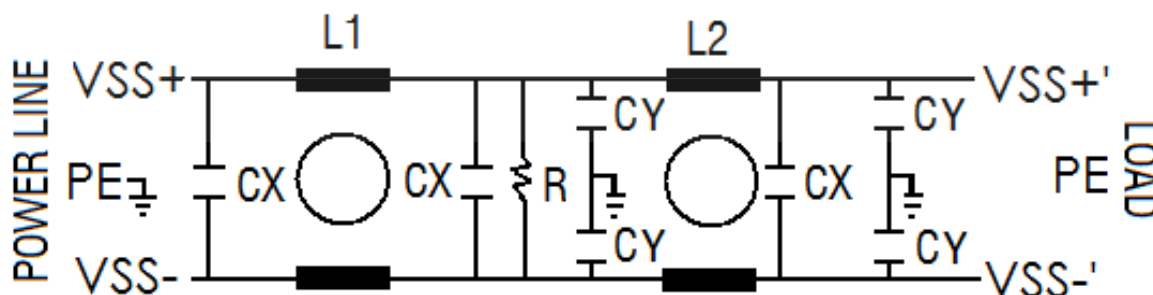
Approvals & Compliances



Applications

- PLC controller
- DC motors
- Medical equipment
- Datacom equipment
- Automotive electronics

Typical Electrical Schematic



Two-stage (雙π迴路)

Filter Selection Table

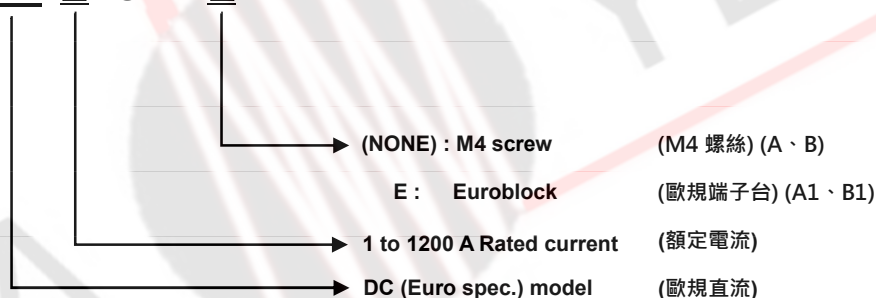
Model	Rated current @ 40°C	Rated voltage	Resistance L-L' (±15%)	Power loss (total ±15%)	Dimensional figures
	[A]	[VDC]	[mΩ]	[W]	
HUA-9010-DCL110-SD4-□	10	0~250	14.2	1.42	A、A1
HUA-9010-DCL120-SD4-□	20		13	5.2	
HUA-9010-DCL130-SD4-□	30		11	9.9	
HUA-9010-DCL140-SD4-□	40		5	8	B、B1
HUA-9010-DCL150-SD4-□	50		3.6	9	

* If your current requirement greater than 50 amperes, please contact us directly.

* 如果您的電流需求 > 50A，請直接聯繫我們。

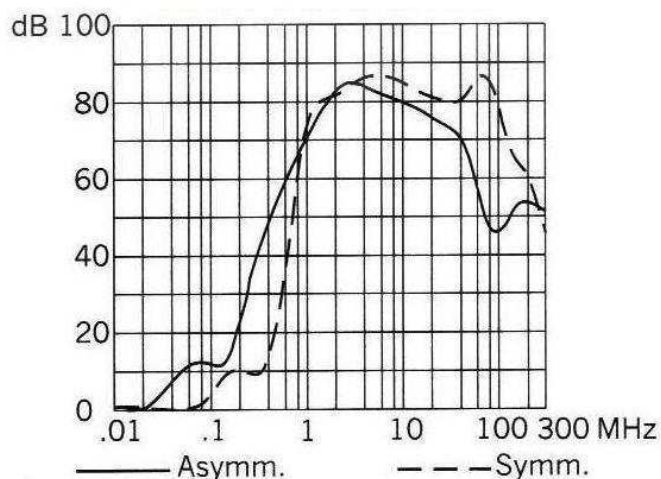
Product Selector

HUA – 9010 - DCL1□ - SD4 - □

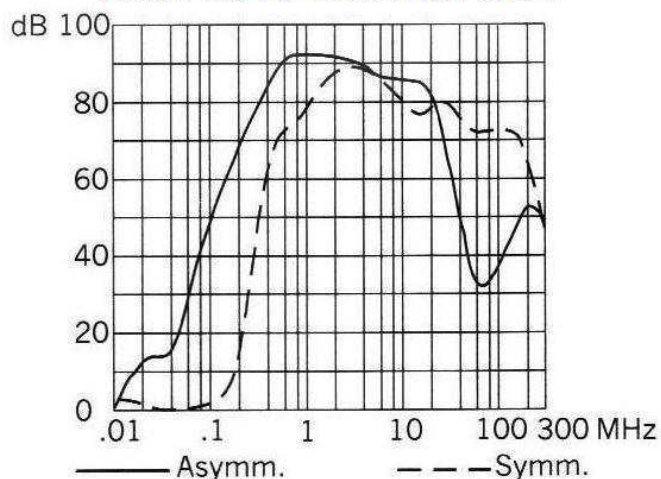


Insertion Loss (衰減值)

HUA-9010-DCL110-SD4
HUA-9010-DCL120-SD4

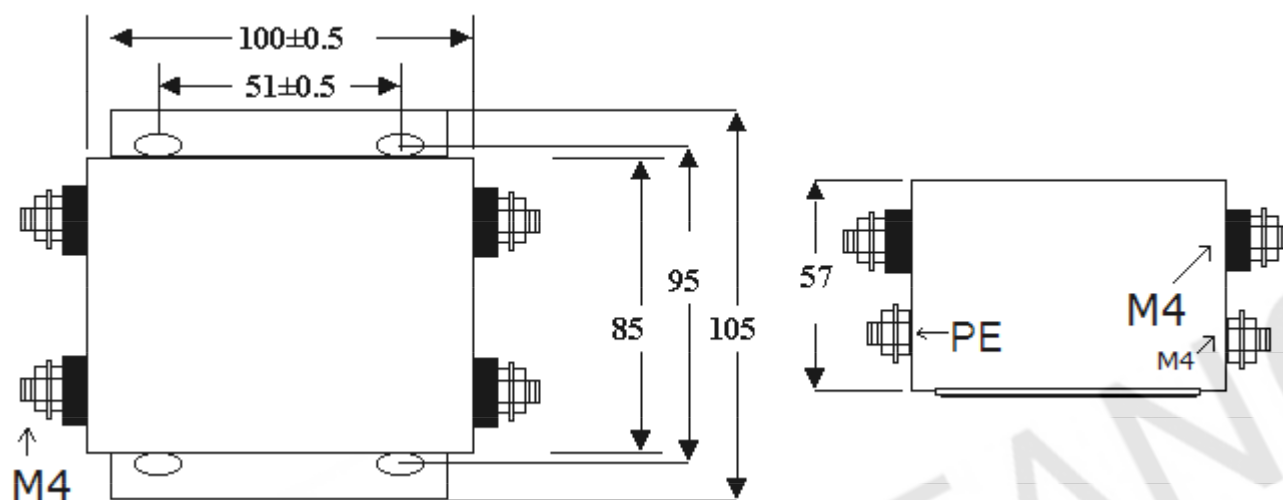


HUA-9010-DCL130-SD4
HUA-9010-DCL140-SD4
HUA-9010-DCL150-SD4

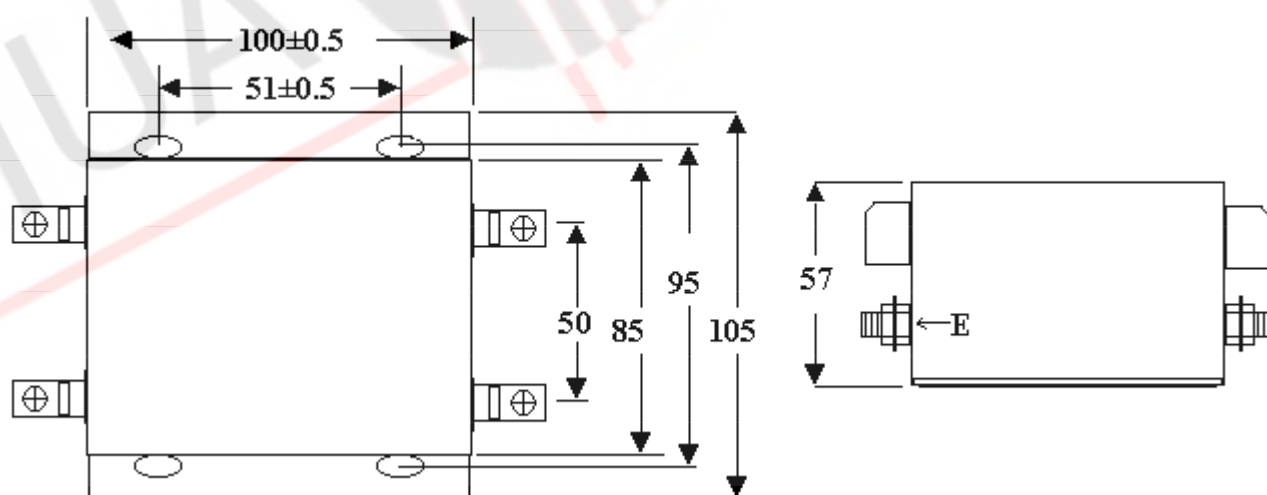


Dimensional Figures (尺寸圖) (Unit : mm)

A

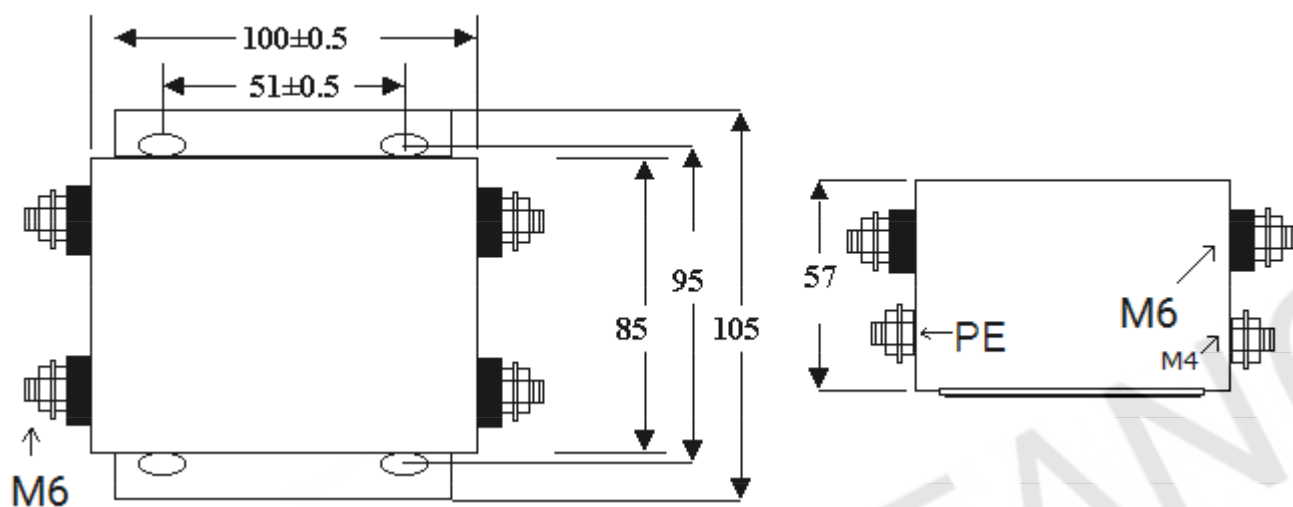


A1



Dimensional Figures (尺寸圖) (Unit : mm)

B



B1

