

EMC 日規單相端子台出線式電源雜訊抑制濾波器

AC Power Terminal Block Output 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
- Terminal block output and DIN Rail for easy installation.
- Rated currents from 1 to 30A

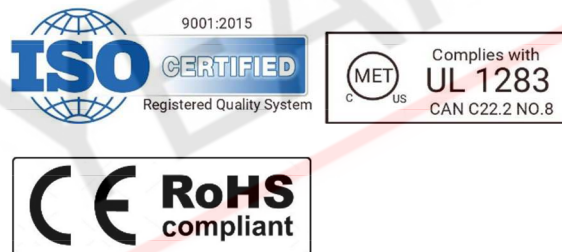
產品特點

- 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
- 端子台出線與軌道設計，方便安裝
- 本系列支援最高 30A 的電流

Technical Specifications

Rated voltage	0~250 VAC
Rated currents	1 to 30A @ 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

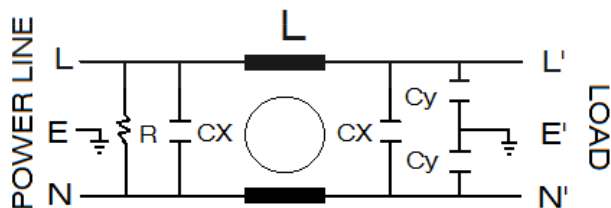
Approvals & Compliances



Applications

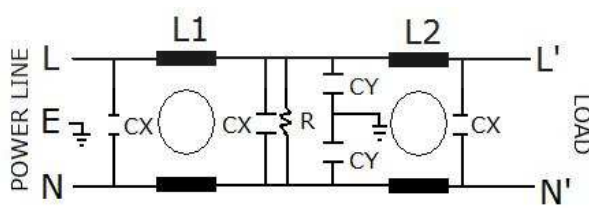
- Electrical and electronic equipment
- Datacom equipment
- Building automation
- Industrial applications
- Switch Mode Power Supply

Typical Electrical Schematic



AC circuit (One-stage)

AC 電源濾波電路(單 π 迴路)



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]
HUA-9010-□101-□	1	0~250	25	0.025
HUA-9010-□103-□	3		28	0.252
HUA-9010-□106-□	6		23	0.828
HUA-9010-□110-□	10		14.2	1.42
HUA-9010-□115-□	15		13	2.925
HUA-9010-□120-□	20		5.8	2.32
HUA-9010-□130-□	30		4.8	4.32

Product Selector

HUA – 9010 – □1□ – □

Outer casing type:

- STM : Barrier Type Terminal Block (柵欄式端子台)
- STM**R** : Barrier Type Terminal Block + **DIN Rail** (柵欄式端子台+軌道)
- SE : Euroblock (歐式端子)
- SE**R** : Euroblock + **DIN Rail** (歐式端子+軌道)

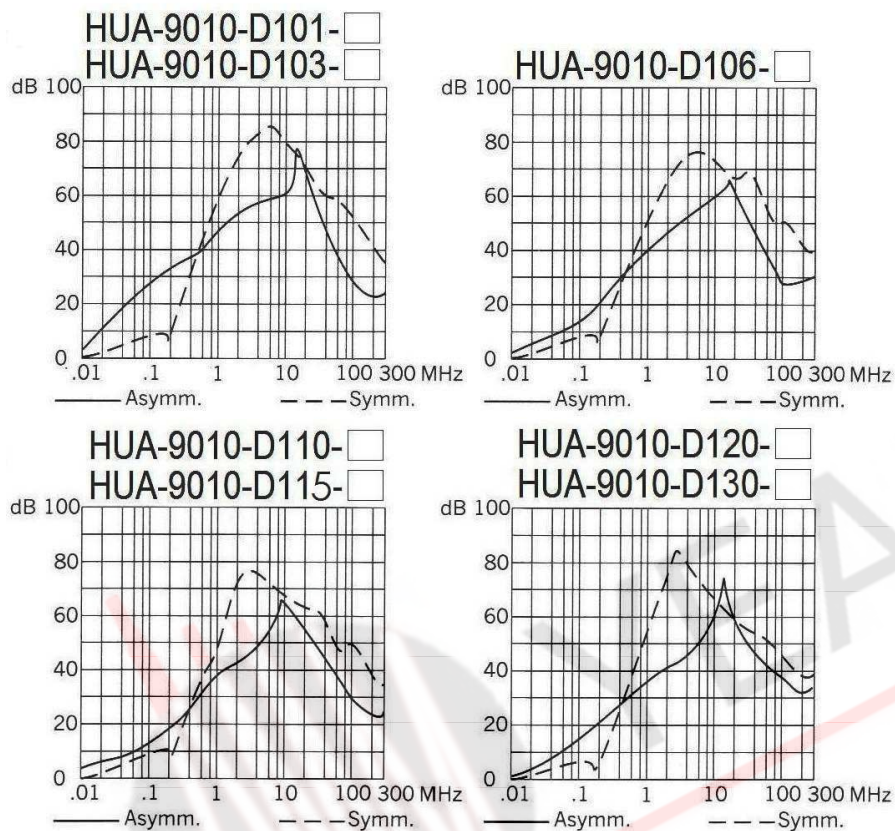
1 to 30 A Rated current (額定電流)

D : One-stage circuit (單π迴路)

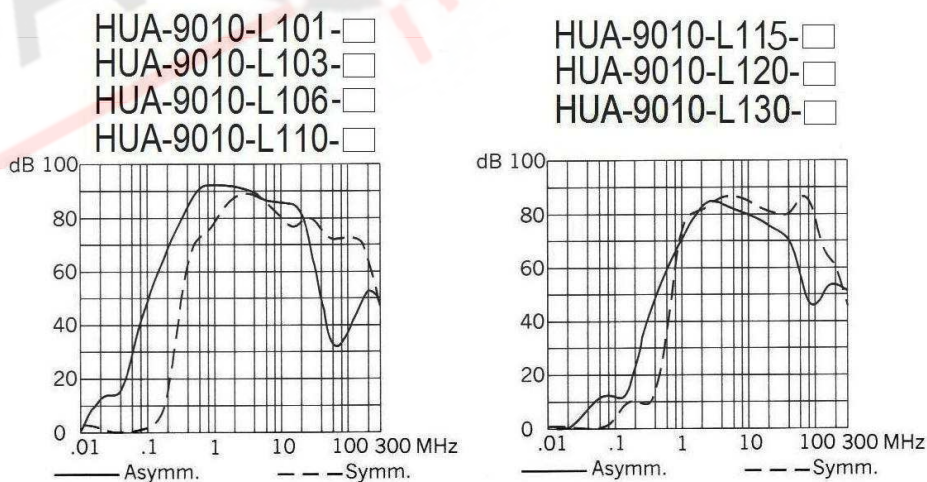
L : Two-stage circuit (雙π迴路)

Insertion Loss (衰減值)

One-stage (單 π 迴路):

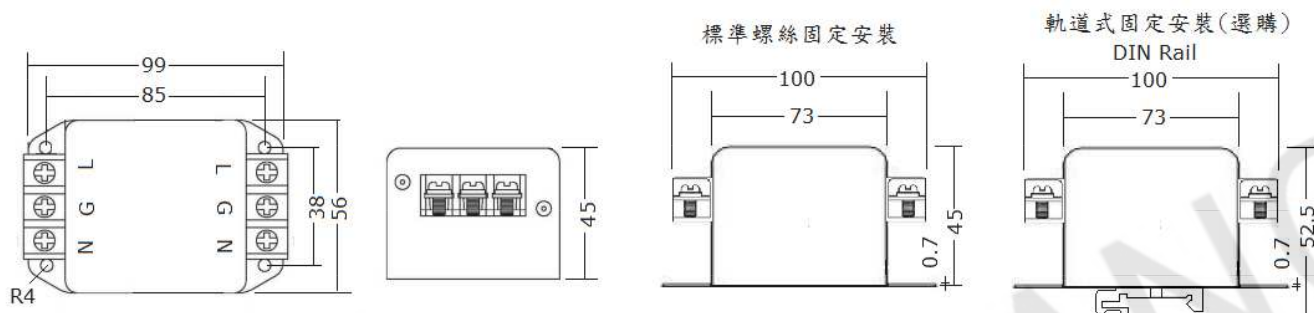


Two-stage (雙 π 迴路):



Dimensional Figures (尺寸圖) (Unit : mm)

STM & STMR



SE & SER

