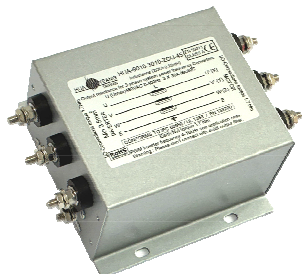


EMC 三相變頻器輸出端電抗濾波器(AC 電抗器)

AC Three-Phase Output Line Reactor for VFD (AC Reactor)



Product Features

- Reducing the high output voltage dv/dt from VFD
- Prevent peak voltage damage to motor windings.
- Ensure reliability and life cycle of electrical devices
- Less interference to nearby equipment or lines.
- Rated currents from 1 to 1100A

產品特點

- 降低變頻器輸出的 dv/dt
- 防止突波損害馬達線圈
- 增加設備的穩定性與使用壽命
- 減少對鄰近設備或電線的干擾傳播
- 本系列支援最高 1100A 的電流

Technical Specifications

Rated voltage	220~480VAC
Rated currents	1 to 1100A @ 40°C
Overload current	1.2 × Rated Current (1 min./hour)
Max Leakage current	≤ 0.5 mA @ 480V/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

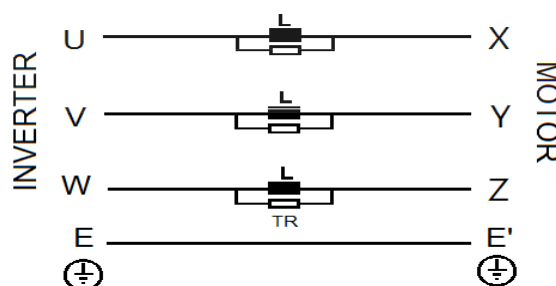
Approvals & Compliances



Applications

- Motor drive applications with short to medium motor cable length (< 80 m)
- HVAC equipment, pumps, fans and compressors
- Motor drives for process lines
- Machinery comprising servo or torque motors
- Elevators, hoisting and cranes

Typical Electrical Schematic



AC circuit
AC 電源濾波電路

Filter Selection Table

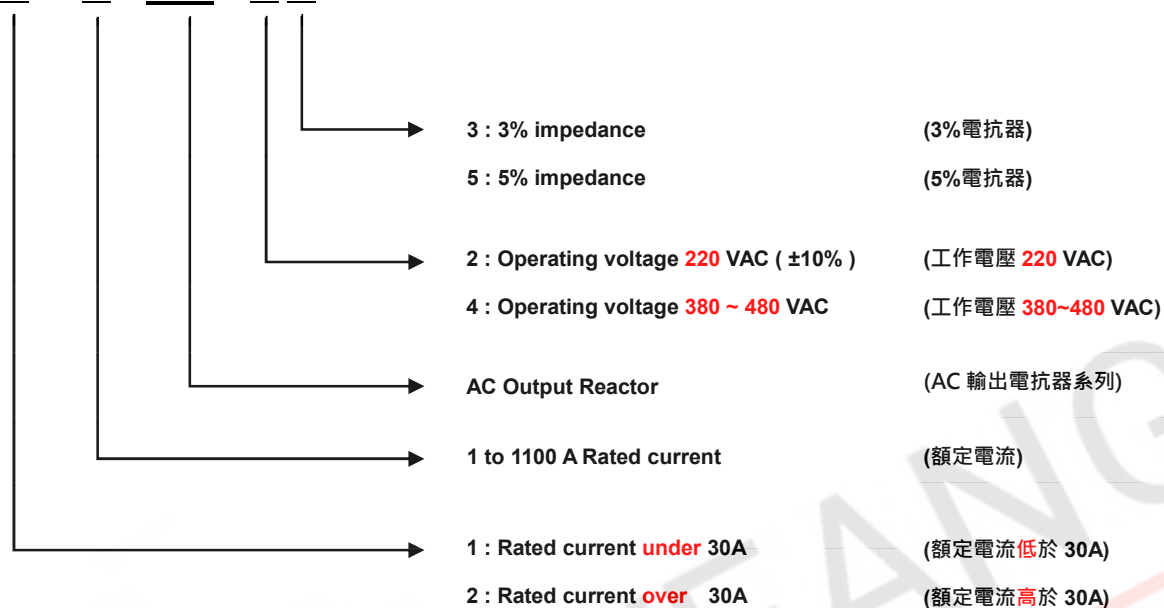
Model	Rated current @ 40°C [A]	Rated voltage [VAC]	Resistance L-L' (±15%) [mΩ]	Power loss (total ±15%) [W]	Dimensional figures
HUA-9010-0610-ZOU-□□	6	0~480	24.1	0.8676	A
HUA-9010-0810-ZOU-□□	8		24.1	1.5424	
HUA-9010-1010-ZOU-□□	10		22.3	2.23	
HUA-9010-1610-ZOU-□□	16		20.2	5.1712	
HUA-9010-2010-ZOU-□□	20		15	6	
HUA-9010-2510-ZOU-□□	25		11.5	7.1875	
HUA-9010-3010-ZOU-□□	30		10	9	
HUA-9020-4010-ZOU-□□	40		9.6	15.36	B
HUA-9020-5010-ZOU-□□	50		7.5	18.75	
HUA-9020-6410-ZOU-□□	64		7.5	30.72	
HUA-9020-8010-ZOU-□□	80		5.2	33.28	
HUA-9020-H100-ZOU-□□	100		2.1	21	
HUA-9020-H110-ZOU-□□	110		2.1	25.41	C
HUA-9020-H150-ZOU-□□	150		0.7	15.75	
HUA-9020-H180-ZOU-□□	180		0.7	22.68	
HUA-9020-H200-ZOU-□□	200		0.35	14	
HUA-9020-H250-ZOU-□□	250		0.35	21.875	
HUA-9020-H300-ZOU-□□	300		0.35	31.5	
HUA-9020-H350-ZOU-□□	350		0.25	30.625	D

* For requirements over 350 amperes, please contact us directly.

* 如果您的電流需求 > 350A，請直接聯繫我們。

Product Selector

HUA - 90□0 - □ - ZOU - □□



NOTICE:

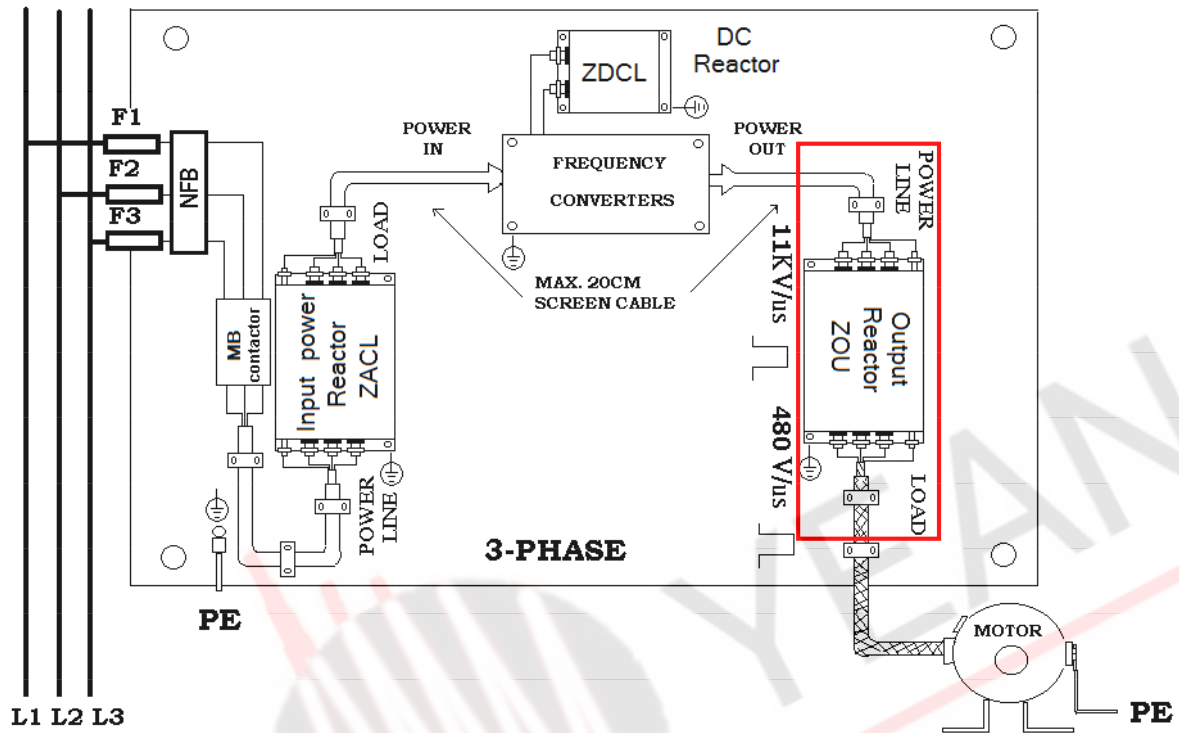
When selecting the reactor model, please choose our product based on **1.2 times the full load current** (the reactor's safe current range should be 1.2 to 1.5 times the full load current).

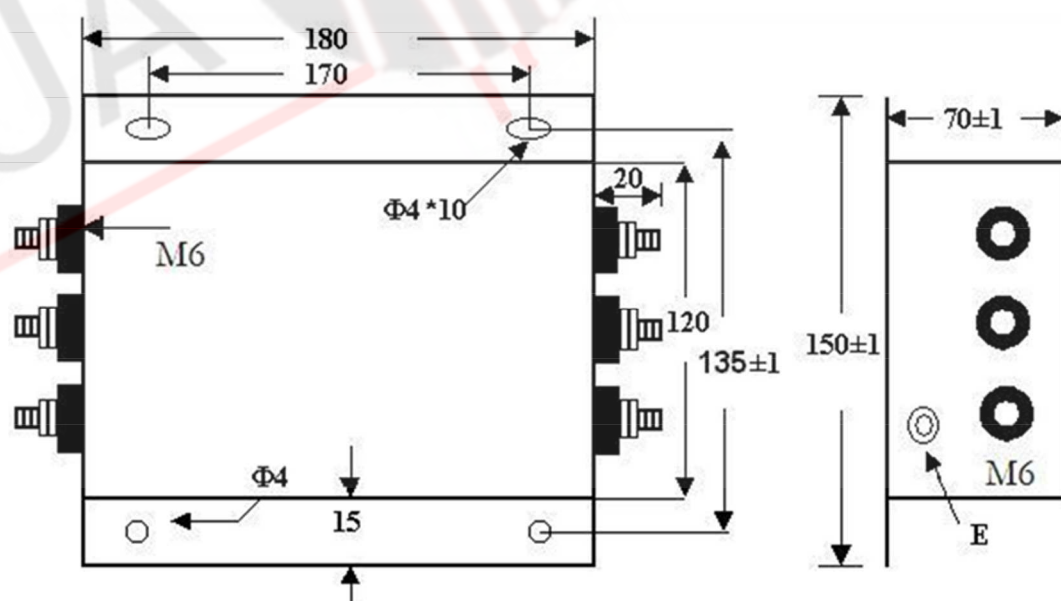
$$\text{Inverter operating current} = \frac{\text{Horsepower} \times 746}{\text{Operating voltage}}$$

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

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

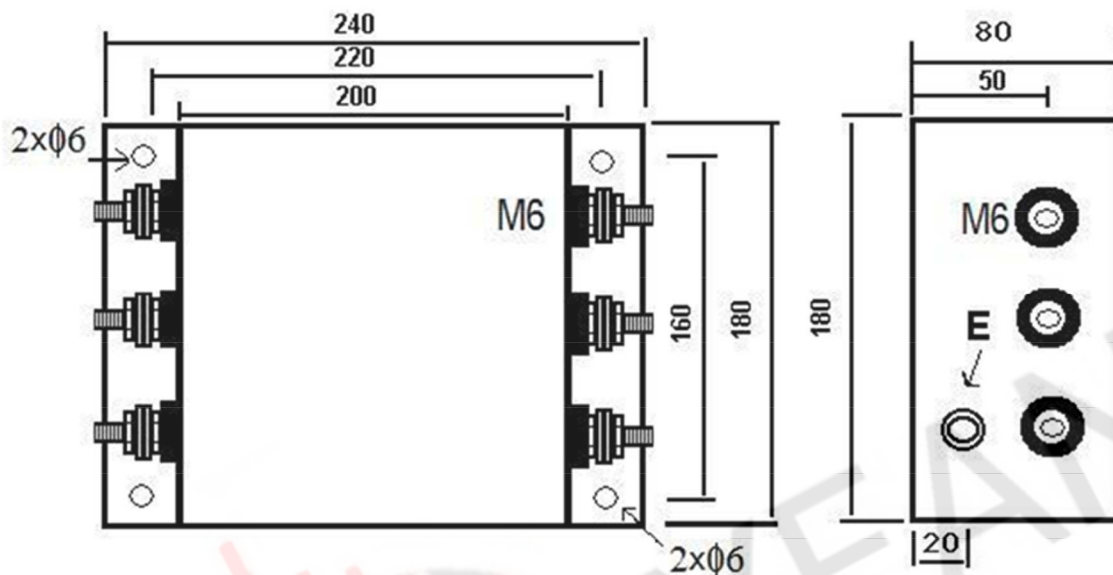
Wiring Diagram (接線圖)





Dimensional Figures (尺寸圖) (Unit : mm)

C



D

