

X200 Series

Simple, Trip-less and Eco-friendly Compact Inverter



Feature

Environmental Friendliness

- Integrated EMC filter saves cost and space (European version only).
Single-phase input : EN61800-3 cat.C1
Three-phase input : EN61800-3 cat.C2
- RoHS compliance for all models.
- Micro Surge Voltage suppress function (Patent registered).
- Varnish coating of internal PC boards is standard, for longer life in harsh environments.

Useful fan and pump functions

- Improved Trip Avoidance Function (Over-current, over-voltage).
- Automatic energy-saving function delivers "realtime" energy-saving operation for fan and pump applications.
- Improved PID control.
- Allows for smooth restart when an IPF (Instantaneous Power Failure) occurs. This is especially useful in fan and pump applications.

Ease of Maintenance and space reduction

- Easily replaceable cooling fan.
- Cooling fan ON/OFF control extends fan life.
- Side-by-side installation.
- Emergency Stop Function.

Global Performance

- CE, UL, c-UL and c-Tick approvals.



- Logic input terminal apply sink and source logic.
- Wide Input power voltage range
(Input voltage 240V for 200V class and 480V for 400V class as standard).
- RS-485 is provided as standard for Modbus® RTU serial communication.
PROFIBUS®, CANopen option modules are available soon.

X200 Series Applicable motor rating in kW (HP)		0.2 (1/4)	0.4 (1/2)	0.55 (3/4)	0.75 (1)	1.1 (1.5)	1.5 (2)	2.2 (3)	3.0 (4)	3.7 (5)	4.0 (5)	5.5 (7.5)	7.5 (10)
1-phase 200V	SFEF2	●	●	●	●	●	●	●					
1-/3-phase 200V	NFU2	●	●	●	●	●	●	●					
3-phase 200V	LFU2									●	●	●	●
	LFRF2	●	●	●	●	●	●	●	●	●	●	●	●
3-phase 400V	HFEF2		●	●	●	●	●	●	●		●	●	●
	HFU2		●	●	●	●	●	●	●		●	●	●
	HFRF2		●	●	●	●	●	●	●		●	●	●

● : Available

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