

INVERTER Regolatori di velocità trifase



Description

Frequency inverter for speed regulation of three-phase fans. La serie OPTIDRIVE, che si differenzia sul mercato per l'unicità e l'innovazione tecnologica delle soluzioni adottate, è studiata per garantire le migliori prestazioni nel pieno rispetto degli standard internazionali riconosciuti quali CE (Europa), UL (USA), CTick (Australia), EAC.

Characteristics

Particularly easy to use, Optidrive E3 also provides unmatched ease of installation, connection, and commissioning, enabling precise motor control and significant energy savings within minutes.

Fast Commissioning:

- With only 14 basic parameters and application macro functions for quick setup, Optidrive E3 minimizes start-up time.

Intuitive Keypad Control:

- Precise digital control at the touch of a button.

Application Macros:

- Choose from Industrial Control, Fan Control, or Pump Control modes for efficient use of Optidrive E3 tailored to your specific application.

Use

Depending on the selected control mode, the inverter optimizes operation for the chosen application.

Fan Control Mode (including Fire Mode) enables ideal and fully modulated air handling in simple HVAC systems, such as:

- AHUs (Air Handling Units);
- Industrial Fans;
- Air Curtains;
- Air Circulation Fans;
- Smoke Extraction in Industrial Kitchens.

Industrial Control Mode optimizes Optidrive E3 for typical industrial applications, including:

- Conveyor Belts;
- Mixers;
- Treadmills.

Pump Control Mode allows simple and efficient pump operation, optimizing energy efficiency for applications such as:

- Swimming Pool Pumps;
- Agitation and Suction Pumps;
- Spa and Wellness Center Pumps;
- Dosing Pumps.

Models

- IP20 – Easy to use, compact, and robust.
- IP66 – Suitable for outdoor use, and resistant to dust and industrial washdowns.

Operating data and Price List

400V three-phase power supply.

Models	IP Code (Ingress Protection)	Power	Technical Data	
		kW	A	Eur
M130L	IP20	0,75	2,2	744,33
M130M	IP20	1,5	4,1	877,53
M130P	IP20	2,2	5,8	1.081,24
M130Q	IP20	4,0	9,5	1.261,45
M130R	IP20	5,5	14,0	1.798,15
M130S	IP20	7,5	18,0	1.982,46
M130T	IP20	11,0	24,0	2.467,06
M130W	IP20	15.0	30,0	3.260,07
M130X	IP20	18.5	39,0	3.819,60
M130Y	IP20	22.0	46,0	4.361,40
M130V	IP20	30,0	56,3	5.683,05
M130Z	IP20	37,0	67,6	6.476,02
M170L	IP66	0.75	2,2	1.364,06
M170M	IP66	1.5	4,1	1.467,28
M170P	IP66	2.2	5,8	1.782,09
M170Q	IP66	4.0	9,5	2.019,01
M170R	IP66	5.5	14,0	2.699,33
M170S	IP66	7.5	18,0	3.129,19

Potentiometer for Inverter

Codice	Description	Eur
EPRV5	Potenziometro per inverter IP20 serie OPTIDRIVE	126,47