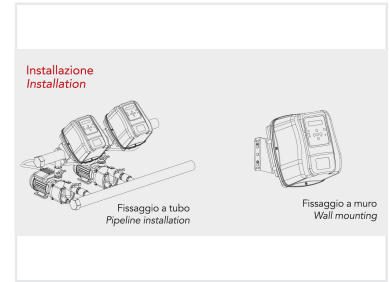
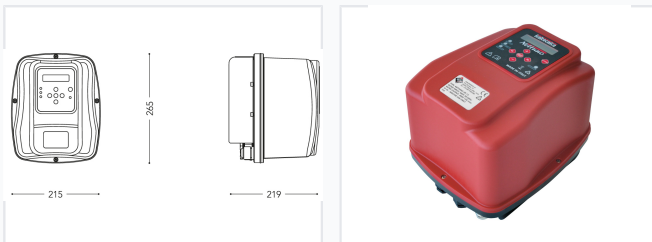


Electronic Pump Inverter with Motor Control

This electronic device uses inverter-based technology to control electric pump functions. It modulates the motor's input current frequency to adjust the speed according to the system's water demand.



ADDITIONAL IMAGES



Overview

Intelligent Pump Control

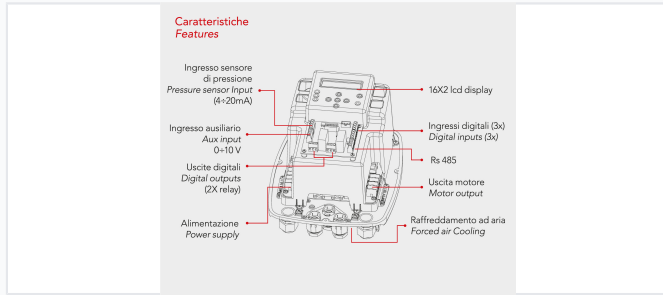
This electronic inverter utilizes advanced frequency modulation technology to control traditional electric pumps, including surface, vertical, and submersible models. By adjusting motor speed according to real-time system demand, it ensures constant pressure and significant energy savings. The device features a soft-start function to prevent water hammer, built-in protection against dry running, and leak monitoring for reliable, long-term operation.

Key Features

Operational Capabilities

Constant Pressure Control, Soft-Start/Stop, Dry Running Protection, Automatic Reset, Leakage Monitoring, Anti-Seize Function

Technical Specifications



Detailed view of the inverter's input/output ports, LCD display, and communication interfaces.

TECHNICAL DATA	NETTUNO 3P-13A	NETTUNO 3P-9A	NETTUNO 3P-6A	NETTUNO UNIVERSAL
Alimentazione di rete Power supply	Trifase / Three-phase 400Vac ±10% - 50/60Hz			Monofase / Single-phase 230Vac ±10% - 50/60Hz
Uscita motore Motor output	Trifase / Three-phase 400Vac			1x230V - 10,5A max 3x230V - 9,7A max (selezione)
Potenza massima motore Max. motor power	13A	9A	6A	
Raffreddamento Cooling	Ventilazione forzata aria / Forced air ventilation		Aria / Air	Ventilazione forzata aria / Forced air ventilation
Ingressi analogici Analog inputs	4-20mA (sensore pressione / pressure sensor) 0-10V (aux.)			4-20mA (sensore pressione / pressure sensor)
Ingressi digitali Digital inputs	3 inputs (enable, error, 2 nd set-point)			
Uscite digitali Digital outputs	2 relay (funzioni programmabili/programmable functions)			1 relay (funzioni programmabili / programmable functions)
Gruppi di pressurizzazione Booster sets	Fino a 8 pompe / Up to 8 pumps			
Max. temperatura ambiente Max ambient temperature	45°			
Grado di protezione Protection degree	IP44			

Technical comparison of NETTUNO series models, including power supply and cooling configurations.

Electrical Ratings

400 V

Rated Input Voltage

50 Hz

Frequency

13 A

Max Output Current

System Configuration

- Supports up to 8 pumps in booster sets
- 4-20mA analog inputs for pressure sensors
- RS485 communication port
- Forced air cooling system
- 16x2 LCD display interface

Model Performance Data

Model	Power Supply	Max Motor Current	Cooling
3P-13A	400Vac	13	Forced Air
3P-9A	400Vac	9	Forced Air
3P-6A	400Vac	6	Air

Physical Dimensions

Physical Size

265 mm

Height

215 mm

Width

219 mm

Depth

Environment & Mounting

- Indoor use only
- IP20 protection rating
- Pipeline installation compatible
- Wall mounting compatible
- Max ambient temperature: 45°C