

0.4-132kW Variable Frequency Drive

This variable frequency drive provides optimum SVC and V/F control. It is designed for low-power applications requiring stable performance and simplified functions.



ADDITIONAL IMAGES



Overview

Reliable Low-Power Frequency Inverter

The E102-series is a classic-type low-power inverter designed for stable performance using optimum SVC and V/F control. It is engineered to be highly cost-effective by focusing on the most frequently used configurations, reducing resource waste while maintaining high competitiveness. Its compact structure allows for flexible installation via slides or holes, making it an ideal choice for diverse industrial environments.

Technical Performance

Power Range

0.4 kW

Min Power

132 kW

Max Power

Voltage Classes

- Single-phase 220V (50/60Hz)
- Three-phase 220V (50/60Hz)
- Three-phase 380V (50/60Hz)

Control Modes

SVC (Sensorless Vector Control), V/F Control

Output Frequency Range

0-3200Hz

Hardware Configuration



User-friendly control panel featuring a digital display, potentiometer, and multi-functional navigation keys.

Interface & Display

- LED Keyboard (Standard)
- LCD Keyboard (Optional)
- Potentiometer for frequency adjustment

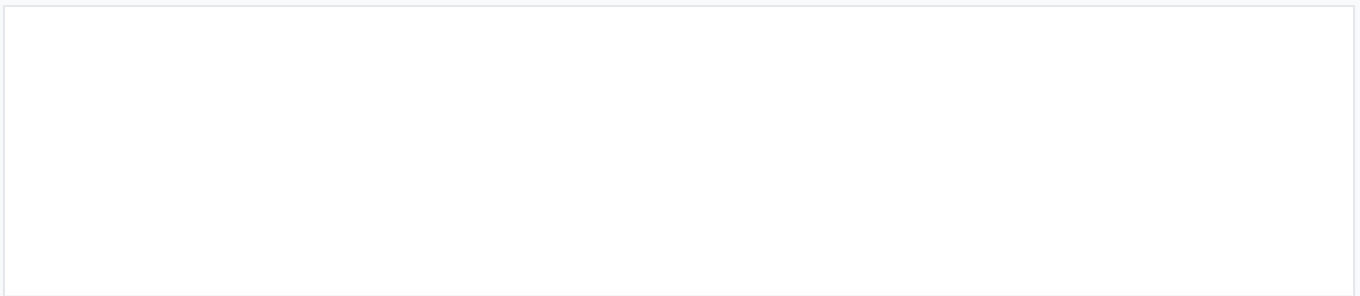
Internal Brake Unit

Standard for 15kW and below; optional for 18.5-22kW models

DC Inductors

Standard for 11kW and 15kW; optional for 18.5-22kW models

Connectivity & Expansion



Comprehensive wiring diagram showing input/output terminals, RS485 interface, and motor connection points.

I/O Terminals

- 6 Digital Inputs (DI1-DI6)
- 2 Analog Inputs (VF1, VF2)
- 2 Analog Outputs (FM1, FM2)
- 1 Multi-functional Open Collector Output (YO)
- 2 Relay Outputs

Communication

RS485 • E102-485 Expansion Card

Applications

Suitable Machinery

- Die-cutting machines
- Carving machines
- Textile machinery
- Glass-making machines
- Dyeing machines
- Air blowers and water pumps

Safety & Compliance

Certifications

CE

Safety Features

Built-in protection functions with 15-minute discharge safety warning