

# Variable Frequency Drive Inverter

This variable frequency drive inverter is designed for electric power transmission and distribution. It provides precise control over motor speed and torque, ensuring smooth and consistent operation in various industrial applications.



## ADDITIONAL IMAGES



## Product Overview

### CDI-100 Series Overview

The CDI-100 Series is a general-purpose, low-power variable frequency drive inverter designed for stable performance and high cost-effectiveness. It features an optimized, compact structure with an elegant appearance, suitable for various industrial environments. The unit supports versatile control modes, including Sensorless Vector Control (SVC) and V/F control, ensuring precise motor management.

## Technical Specifications

### Installation Options

- Slide mount
- Hole mount

### Control Modes

SVC, V/F Control

### Communication Interface

RS-485 (MODBUS-RTU)

## Industrial Applications

### Typical Applications

- Carving machines
- Textile machines
- Glass-making machines
- Dyeing machines

## Safety & Operation

### Important Safety Instructions

Do not connect AC power to the output terminals (U, V, W) under any circumstances. Always ensure the device is fully powered down and wait for the specified discharge time (5-15 minutes depending on model variant) after disconnection before performing any inspection or maintenance to prevent electrical hazard.