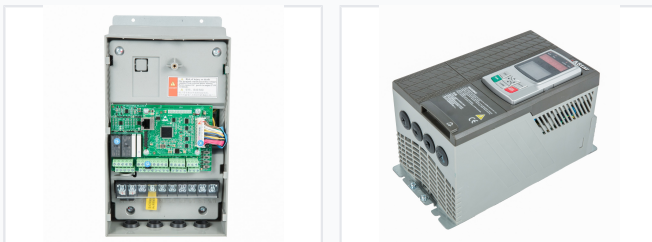


AC Variable Frequency Drive

This AC variable frequency drive is designed for the industry market. It provides excellent V/F control to satisfy light load driven application requirements.



ADDITIONAL IMAGES



Overview

AS180 Series Universal VFD

The AS180 Series VFD is a universal drive designed for diverse industrial applications. Utilizing advanced control technology, this drive offers excellent V/F control performance, making it ideal for light load applications such as fans, pumps, and conveyors. It features robust grid adaptability, high efficiency, and intelligent protection functions to ensure reliable and stable motor operation.

Key Features

Advantages

- High-efficient and energy-saving operation
- Fast dynamic response without PG card
- Smooth tracking start without impacting rotating motors
- Automatic voltage adjustment and non-blackout function
- Stable operation with low frequency and high torque
- Rapid 0.1s full load acceleration
- Dynamic IGBT temperature protection

Power Input

Input Voltage	380-460V
Input Frequency	45 Hz
Voltage Unbalance Tolerance	<3%

Power Output

Efficiency (Full Load)	0.94
Overload Capacity	150% for 1 minute (at 40°C)

Control Characteristics

Carrier Frequency	1.1-8KHz (auto-adjustable)
Frequency Setting Resolution	0.01Hz (digital command)

I/O Interfaces

Digital I/O Configuration

Type	Channels	Description
Optical Isolation Input	7	24V high/low level selectable
Open Collector Output	2	User-defined function
Relay Output	2	Normally open contacts

Analog I/O

2 ch Analog Input Channels	2 ch Analog Output Channels
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Compliance

Certifications	CE
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