

AC Motor Soft Starter

This AC motor soft starter provides a controlled start for electric motors, reducing stress on the motor and connected equipment. It helps limit inrush current, preventing voltage dips and improving power system stability.



ADDITIONAL IMAGES



Overview

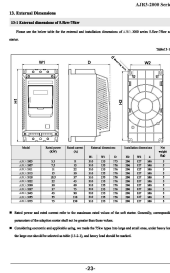
Advanced Motor Control Solution

The AJR3-2000 series is an advanced technology motor soft starter designed to provide controlled starting and stopping for AC induction motors. It minimizes mechanical stress and electrical surges by reducing inrush current, which prevents voltage dips and extends equipment lifespan. This intelligent device simplifies circuitry and reduces installation costs while offering comprehensive motor protection for industrial applications.

Key Features

| | |
|-----------------------------|---|
| Protection Functions | Start Control, Overloading Protection, Phase Failure Protection, Three-phase Unbalance, Over-voltage Protection, Under-voltage Protection, Overcurrent Protection |
| User Interface | Digital display with push-button controls for easy configuration and monitoring |

Technical Specifications



Detailed dimensional drawings and technical specifications for models ranging from 5.5kW to 75kW.

Performance Ratings

5.5 kW

Min Rated Power

75 kW

Max Rated Power

150 A

Max Rated Current

Model Specifications (5.5kW - 75kW)

| Model | Power (kW) | Current (A) | Dimensions HxWxD (mm) | Weight (kg) |
|-----------|------------|-------------|-----------------------|-------------|
| AJR3-2005 | 5.5 | 11 | 310x155x175 | 5 |
| AJR3-2011 | 11 | 22 | 310x155x176 | 5 |
| AJR3-2022 | 22 | 43 | 310x155x176 | 5 |
| AJR3-2037 | 37 | 75 | 310x155x176 | 5 |
| AJR3-2055 | 55 | 110 | 310x155x176 | 5 |
| AJR3-2075 | 75 | 150 | 310x155x176 | 5 |

Installation & Design

Mounting

DIN rail mounting capability for easy control panel installation

Mounting Hole Diameter

M6

Applications

Recommended Applications

- Pumps
- Fans
- Compressors
- Conveyors
- Heavy-load industrial machinery

Compliance

International Certifications

CE • ISO 9001 • CB • SEMKO • KEMA • INMETRO