Mitsubishi □□ □□□ □□□ Series Service Manual

MR-J3-20BRJ004U512

1. Description

The Mitsubishi MR-J3-20BRJ004U512 operates as an AC motion servo drive and amplifier. With a rated output of 200 W and a current rating of 1.5 A, it is engineered to work efficiently between 200 Vac and 230 Vac across both single-phase and three-phase input types.

2. Specifications

Specification	Value
Manufacturer	**Mitsubishi**
Product	**Line MELSERVO MR-J3**
Part	**Number MR-J3-20BRJ004U512**
Type	**AC motion servo drive/amplifier**
Built-in	**Features Dynamic brake, regenerative resistor**
Rated	**Output 200 W (0.2 kW)**
Rated	**Current 1.5 A**
Supply	**Voltage 200 Vac-230 Vac**
Voltage	**Class 200V class; 220 Vac / 230 Vac**
Input	**Type Single-phase (2P) or 3-phase (3P)**
Communication	**Capability SSCNET III/H**
Compatible	**Load Linear servo motor thrust**
Thrust	**Rate 50 N**
Ambient	**Temperature Rated for 0 to +55°C**
Design	**Type Built-in dynamic brake**
Description	
The	**Mitsubishi MR-J3-20BRJ004U512 model is an advanced AC motion servo drive and amplifier designed for precision control. It provides a rated output of 200 W (0.2 kW) and is capable of handling applications that demand efficient motion management. This unit works with a rated current of 1.5 A and is designed to accommodate a supply voltage range between 200 Vac and 230 Vac.**

3. Product Information

The Mitsubishi MR-J3-20BRJ004U512 operates as an AC motion servo drive and amplifier. With a rated output of 200 W and a current rating of 1.5 A, it is engineered to work efficiently between 200 Vac and 230 Vac across both single-phase and three-phase input types.

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Technical specifications for MR-J3-20BRJ004U512

Manufacturer Mitsubishi

Product Line MELSERVO MR-J3

Part Number MR-J3-20BRJ004U512

Type AC motion servo drive/amplifier

Built-in Features Dynamic brake, regenerative resistor

Rated Output 200 W (0.2 kW)

Rated Current 1.5 A

Supply Voltage 200 Vac-230 Vac

Voltage Class 200V class; 220 Vac / 230 Vac

Input Type Single-phase (2P) or 3-phase (3P)

Communication Capability SSCNET III/H

Compatible Load Linear servo motor thrust

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Ambient Temperature Rated for 0 to +55°C

Design Type Built-in dynamic brake

Description

The Mitsubishi MR-J3-20BRJ004U512 model is an advanced AC motion servo drive and amplifier designed for precision control. It provides a rated output of 200 W (0.2 kW) and is capable of handling applications that demand efficient motion management. This unit works with a rated current of 1.5 A and is designed to accommodate a supply voltage range between 200 Vac and 230 Vac.

This device operates within the 200V class and supports single-phase (2P) and three-phase (3P) input configurations, providing flexibility for various setups. The built-in features include a dynamic brake for improved safety and a regenerative resistor to maximize energy efficiency. Regarding communication, the MR-J3-20BRJ004U512 utilizes SSCNET III/H, allowing for high-speed data exchange with compatible systems.

This actuator can support linear servo motor thrust loads and achieve a thrust rate of up to 50 N, facilitating effective operation in demanding environments. It is engineered to perform reliably in ambient temperatures ranging from 0°C to +55°C, ensuring robustness in diverse settings. The inherent design type integrates a dynamic brake, enhancing the overall functionality of the servo drive.