

Allen-Bradley 22B-E4P2H204 Manual

Brand	Allen-Bradley
Product Series	22 Powerflex
Product Type	Open (Without Heatsink)

Description

The Allen-Bradley 22B-E4P2H204 drive is a PowerFlex 40 series adjustable frequency drive. It has been designed to control the speed and torque of compatible variable speed motors in a PLC. The 22B-E4P2H204 adjustable frequency drive is suitable for controlling motors in applications that require motors to change their speed or torque ratings throughout the operating process. It changes the motor's speed and torque with as little friction as possible to avoid damaging the motor and its components. The 22B-E4P2H204 adjustable frequency drive's input voltage rating is 600 Volts AC and its output current rating is 4.2 Amps.

Technical specifications for 22B-E4P2H204

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 22B-E4P2H204

Product Line Powerflex 40

Voltage 600AC Volts

Enclosure Replacement Plate Drive - IP20, NEMA/UL Type Open (Without Heatsink)

HP 3 Horsepower

Amperage 4.2 A

Phase 3 Phase

Filter No CE Compliant Filter

Communication RS-485

Input Type Keypad

The Allen Bradley 22B-E4P2H204 has a Volt per Hertz control and a sensorless vector control feature to meet low-speed torque and improve application performance. This unit operates at a 50 or 60 Hertz frequency with no filter. It can run up to 3 Hp and 2.2 kW. Its size is around 125.0 x 204.0 x 97.5 millimeters (4.92 x 8.03 x 3.84 inches) and it weighs approximately 1.68 kilograms (3.7 pounds). This module's enclosure is Plate Drive (The Front using IP20, NEMA/UL Type Open).

The 22B-E4P2H204 has an output current of 4.2 A and a control voltage of 24 Volts sink/source, equipped with Brake IGBT. It has an operating shock of 30.0 G (3 pulses, 11 milliseconds), its nonoperating shock being around 50.0 G (3 pulses, 11 milliseconds). Static control precautions may be necessary when installing, testing, repairing, or assembling this module due to its sensitive ESD (Electronic Discharge) components. Component damage may occur if ESD control procedures are not followed.

This unit will improve performance with its real-time diagnostic data updates, and can simplify application diagnostics.

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