

Allen-Bradley 22 Powerflex Series Service Manual

22B-E9P9F104

1. Description

The 22B-E9P9F104 adjustable frequency drive is an Allen-Bradley/Rockwell Automation adjustable frequency drive from the PowerFlex 40 series. It comes in a Size C frame and it is compatible with a variety of protective enclosures. The 22B-E9P9F104 adjustable frequency drive can be installed in an enclosure with a minimum protection rating of IP 20 and a maximum environmental protection rating of IP 65. Its normal operating temperature range is from -10 to 40 degrees Celsius. The 22B-E9P9F104 adju

2. Specifications

Specification	Value
Manufacturer	Rockwell Automation
Brand	Allen-Bradley
Part	Number/Catalog No. 22B-E9P9F104
Product	Line Powerflex 40
Voltage	600AC Volts
Enclosure	Flange Mount - IP20, NEMA/UL Type Open
HP	7.5 Horsepower
Amperage	9.9 A
Phase	3 Phase
Filter	No CE Compliant Filter
Communication	RS-485
Input	Type Keypad
This	drive by Allen Bradley, the 22B-E9P9F104, can be categorized as a PowerFlex Low Voltage AC drive. As a three-phase module with a 500-600 Volt (AC) voltage rating, it offers flexibility and smooth performance. Its output current is 9.9 A with 7.5 Horsepower and it weighs around 11.93 kilograms (around 26.3 pounds) with dimensions close to 325.0 x 300.0 x 105.8 millimeters (12.79 x 11.81 x 4.16 inches). This unit is designed to be flexible and stay connected with whatever operation is at work. It is easy to control, easy to configure and follows simple installation procedures. Its programming structure is uncomplicated as well and can be simply controlled by an operator.

3. Product Information

The 22B-E9P9F104 adjustable frequency drive is an Allen-Bradley/Rockwell Automation adjustable frequency drive from the PowerFlex 40 series. It comes in a Size C frame and it is compatible with a variety of protective enclosures. The 22B-E9P9F104 adjustable frequency drive can be installed in an enclosure with a minimum protection rating of IP 20 and a maximum environmental protection rating of IP 65. Its normal operating temperature range is from -10 to 40 degrees Celsius. The 22B-E9P9F104 adjustable frequency drive's 3-phase input voltage rating is 600 Volts AC at 50 to 60 Hertz.

Technical specifications for 22B-E9P9F104

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 22B-E9P9F104

Product Line Powerflex 40

Voltage 600AC Volts

Enclosure Flange Mount - IP20, NEMA/UL Type Open

HP 7.5 Horsepower

Amperage 9.9 A

Phase 3 Phase

Filter No CE Compliant Filter

Communication RS-485

Input Type Keypad

This drive by Allen Bradley, the 22B-E9P9F104, can be categorized as a PowerFlex Low Voltage AC drive. As a three-phase module with a 500-600 Volt (AC) voltage rating, it offers flexibility and smooth performance. Its output current is 9.9 A with 7.5 Horsepower and it weighs around 11.93 kilograms (around 26.3 pounds) with dimensions close to 325.0 x 300.0 x 105.8 millimeters (12.79 x 11.81 x 4.16 inches). This unit is designed to be flexible and stay connected with whatever operation is at work. It is easy to control, easy to configure and follows simple installation procedures. Its programming structure is uncomplicated as well and can be simply controlled by an operator.

Featuring a high-definition LCD, it can be operated at temperatures between 0 and 60 degrees Fahrenheit (which can be converted to 32 and 140 degrees Fahrenheit), and can be placed in temperatures of -40 to 85 degrees Celsius (-40 to 185 degrees Fahrenheit) for storage or when not being operated.

The 22B-E9P9F104 follows a number of EMC (ElectroMagnetic Compatibility) Standards; it has passed EN 50081-2 EMC - Generic Emission Standard, Part 2 - Industrial Environment in addition to having passed EN 50082-2 EMC - Generic Immunity Standard, Part 2 - Industrial Environment. This unit should be used exclusively for applications that exceed Category II applications, and only in Pollution Level Environments 2 (Industrial). It can be operated in closed rooms or open room, but should not be exposed to prolonged or direct sunlight.