

Allen-Bradley 22D-D010F104 Manual

Brand	Allen-Bradley
Product Series	22 Powerflex
Product Type	-Flange Mount (IP20)

Description

The 22D-D010F104 drive is an Allen-Bradley/Rockwell Automation PowerFlex 40P AC drive. It comes with a Size B frame and an IP 20 environmental protection rating but it has no filter. The 22D-D010F104 AC drive is made to be flange mounted and its input voltage rating is 480 Volts AC at a frequency range of 50 to 60 Hertz. It operates with an output current rating of 10.5 Amps. The 22D-D010F104 AC drive supports output power ratings of 5 Technical specifications for 22D-D010F104

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 22D-D010F104

Product Line Powerflex 40P

Amperage 10.5 A

Phase Three-Phase

Enclosure Open NEMA Type -Flange Mount (IP20)

Input Power 480 Volts AC

Horsepower 5 Horsepower

Filter No CE Compliant Filter

Type Standard

Frame Size B Description

The Allen Bradley 22D-D010F104 PowerFlex 40P type AC drive is a compact and flexible device for speed control applications in automotive industry, packaging and material handling, textile industry, and other similar branches. The drives with the PowerFlex 40P platform are mostly used in combination with different machines and devices used in various industrial environments. The main purpose of these drives is to provide superior control and to simplify and ease operation of such machines and devices. The drives from PowerFlex 40P family of products are affordable and are recommended when special safety functionalities are needed. The 22D-D010F104 drive offers a specific Category 3 Safe-off functionality for control of the zone and it could significantly reduce cost by eliminating unnecessary components.

The drive has a voltage rating of 480 Volts AC (50 to 60 Hertz) with a three-phase input and an output of 10.5 Amps. Besides that, the 22D-D010F104 model has a power of 5.0 Hp (4.0 kW). When it comes to physical characteristics, this PowerFlex drive has a size B frame, an IP 20 NEMA Type open enclosure and it is supplied with a flange mount. This compact industrial device is 24.4 centimeters (9.61 inches) wide, 25 centimeters (9.84 inches) high and has a depth of 18.2 centimeters (7.18 inches). The 22D-D010F104 drive is optimized for smooth and quiet operation and it provides dynamic braking capability. This standard type drive features an HMI type display with a reset only; this drive also comes without CE compliant emission filter. The drive can be reset if a fault occurs and programmed according to user needs and requirements. This drive provides closed-loop control and can regulate speed through Sensorless Vector Control functionality. Additionally, this drive can be adjusted to specific characteristics of a motor that is being controlled through its Autotune feature.

Technical Specifications

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