

Allen-Bradley 22B-E019N104 Manual

Brand	Allen-Bradley
Product Series	22 Powerflex
Product Type	Open

Description

The 22B-E019N104 drive is an Allen-Bradley/Rockwell Automation Powerflex 40 series AC drive. It has a Size C frame but no filter. The 22B-E019N104 AC drive is rated for 600 Volts 3-phase AC voltage at a frequency of 50 to 60 Hertz. Its output power ratings are 11 kilowatts and 15 Horsepower and its current rating is 19 Amps. The 22B-E019N104 AC drive can be panel mounted.

Technical specifications for 22B-E019N104

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 22B-E019N104

Product Line Powerflex 40

Voltage 600AC Volts

Enclosure Panel Mount - IP20, NEMA/UL Type Open

HP 15 Horsepower

Amperage 19.0 A

Phase 3 Phase

Filter No CE Compliant Filter

Communication RS-485

Input Type Keypad

The Allen-Bradley 22B-E019N104 is a PowerFlex 40 Adjustable Frequency AC Drive. With a compact and pocket-friendly design, it meets user demands for ease of use and flexibility, providing powerful motor speed control in various applications such as fans, conveyors, machine tools, and material handling systems. Its C frame size drive can be easily installed with a simple snap on a DIN rail. For added flexibility, a panel mounting option is also provided. Its Zero Stacking feature allows for minimal or no spacing between drives, saving panel space at an ambient temperature of up to 50 °C. The 22B-E019N104 drive requires a 460 - 600V AC three-phase input voltage. It produces a 19 A current and 11 kW (15Hp) of power. It is panel-mounted with an IP20, NEMA/UL Open standard enclosure, providing it with an environmental protection from dust or dirt particles up to 12mm in diameter. An optional IP30 rating enclosure is also provided for additional protection. For better user control and operation, a 4-digit display with 10 LED indicators and an integral keypad is provided. It can also be programmed from a PC using an integral RS-485 communication port. The 22B-E019N104 comes with a low-cost integral brake transistor which facilitates a dynamic braking capability. The 22B-E019N104 drive comes with V/Hz and sensorless vector control, providing exceptional speed control and high torque levels across its entire speed range. It can adapt itself according to motor characteristics with the autotune feature. It has an integral PID, Timer, Counter, and Basic Logic and StepLogic functions, reducing costs and providing added flexibility. Optional DeviceNet, ControlNet, EtherNet/IP, PROFIBUS DP, and LonWorks cards or a DSI Wireless Interface Module (WIM) can be added for enhanced communication. Removable MOV, drive overload protection, relay pre-charge and adjustable PWM frequency for quiet operation are some of its out-of-the-box features for better performance.

Technical Specifications

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