

Allen-Bradley 22C-D012H103 Manual

Brand	Allen-Bradley
Product Series	22 Powerflex
Product Type	Fan & Pump

Description

The 22C-D012H103 drive is an adjustable frequency drive that has been designed and manufactured by Allen-Bradley/Rockwell Automation. It is a member of the Allen-Bradley PowerFlex 400 series of AC-powered drives. The 22C-D012H103 adjustable frequency drive's 3-phase input voltage rating is 480 Volts AC at 50 to 60 Hertz frequency. The 22C-D012H103 adjustable frequency drive supports an output current rating of 12 Amps. Technical specifications for 22C-D012H103

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 22C-D012H103

Product Line Powerflex 400

Drive Type Fan & Pump

Horsepower 7.5

Input Voltage 480 Volts AC

Phase Three-Phase

Enclosure None

Amperage 12 Amps Description

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The part number 22C-D012H103 belongs to the PowerFlex 400 product line from Allen Bradley that supports heavy mechanical applications like Fan and Pump. The 22C-D012H103 is a variable frequency drive that's been optimized for controlling the industrial and commercial fans and pumps. The Allen Bradley 22C-D012H103 Powerflex 400 AC Drive offers up to 7.5 Horsepower or 5.5 kW at an input voltage of 480 volts of alternate current. The AC Drive has a three-phase connection and it consumes amperage up to 12 Amperes. Moreover, the panel mounted variable frequency drive has a frequency rating of 50 to 60 Hertz and its power factor is 0.98. The 22C-D012H103 Variable frequency drive offers easy installation in a mechanical pump and fan systems. It offers additional control and power. Like other PowerFlex 400 AC Drives, the Allen Bradley 22C-D012H103 has been designed to provide a cost-effective solution for controlling the speed of variable torque applications. The product comes with ground fault, transient protection, and motor overload. Plus, the Logix control platform simplifies parameter to reduce development time.

The 22C-D012H103 drive offers a wide range of features, such as 3 semi programmable digital inputs, 2 analog I/Os, 4 fully programmable digital inputs, 2 programmable relays, and more. The AC drive features a proportional, integral and differential process to maintain the pressure all the time. The variable frequency drive offers fixed terminal block connection and RS485 control. The RS-485 port ensures that the variable frequency drive can be operated in noisy environments. The product comes with a panel mounting for sophisticated installation. The IP30, UL-NEMA type open enclosure offers protection against solid objects 12 millimeters in size. The AC drive has got certifications from the European Union, Underwriters Laboratories, and others, so it can be used almost everywhere in the world.

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