

Allen-Bradley 1771-HSN

The Allen-Bradley/Rockwell Automation 1771-HSN module is a servo controller module from the PLC 5 series. This servo controller module does not come with a memory cartridge, which means that it needs an Allen-Bradley 1771-HM or 1771-HMA plug-in memory cartridge. The 1771-HSN servo controller module is UL listed and CSA certified. The operating temperature range for this module is 32 to 140 °F. Technical specifications for 1771-HSN

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1771-HSN

Module Type Servo Controller Module

Fuse Voltage 120 Volts

Max Input Frequency 250 Kilohertz Differential Input

Outputs +/- 10 Volt DC Analog Command

Slots 2 Slots Per ES

Module Update Period 2 ms/axis

Backplane Current 1.7 Amperes

Wiring Arm 1771-WA

Pulse Capture Time 50-9.999 Microseconds

Dimensions 3.5 x 6.5 x 2.0 in (89 x 165 x 51 mm) Description

The Allen-Bradley 1771-HSN is a PLC 5 IMC 120 Servo Controller Module. It does not contain a memory cartridge and it requires a 1771-HM or a 1771-HMA plug-in memory cartridge. It is a Series B module. The 1771-HSN module has a fuse voltage of 120V and 250KHz differential maximum input frequency. It has +/- 10 Volt DC Analog Command outputs. It has a dimension of 3.5 x 6.5 x 2 in. and weighs 2.2 lbs. It has a backplane current load of 1.7A and 2ms/axis module update period. It comes with 1771-WA and 1771-WB wiring arms for module replacement without the need for disconnecting wiring. It requires one slot for installation in a 1771 I/O chassis. PLC 5 controllers are widely used for industrial control in a 1771 platform. They occupy a single slot in an I/O chassis and are used for high-speed information processing. It is used in applications with specialized I/O requirements and processor coordination like large regulatory and sequential control applications. The PLC system offers a complete range of digital and analog I/O modules including intelligent I/O and it uses a variety of communication networks like DH+, ControlNet, EtherNet/IP, etc. The 1771-HSN module is made for use in a clean industrial environment with a 0 - 60 ° C (32 - 140 ° F) operating temperature, a 5 - 95 % noncondensing relative humidity, and a 30g operating shock.

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