

## Allen-Bradley 1771-IH

The 1771-IH input module is an Allen-Bradley PLC 5 and Bulletin 1771 input module. It has 8 input channels and it is designed to be mounted in a rack and it is easy to install with a wiring arm. The 1771-IH input module is a DC-powered module with an operating voltage range of 24 to 48 Volts DC. It operates at 32 to 140 degrees Fahrenheit or 0 to 60 degrees Celsius. The 1771-IH input module has a

Technical specifications for 1771-IH

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1771-IH

Module Type Digital DC Input Module

Number of Inputs 8 Inputs

Voltage Category 10-60 Volts DC, Sink (Source Load)

DC Operating Voltage 24-50 Volts

Backplane Current 74 Miliamperes

Max DC Off-State Current 0.7 Miliamperes

Typical DC Signal Delay (On) 15 (+/- 7) ms

Typical DC Signal Delay (Off) 20 (+/- 9) ms

Wiring Arm 1771-WA

Model Status Earlier Model

Typical AC Signal Delay (Off) 24 (+/- 10) ms

Mounting Rack Mountable Description

The Allen-Bradley 1771-IH is a digital DC input module. It has 8 inputs available and comes with an input voltage range of 24-50V DC. It has a voltage category of 10-60V DC sink (source load). The nominal input currents of this module are 8.4 mA at 24V DC and 20 mA at 48V DC. This module also has a maximum on-state voltage of 10V DC, a maximum off-state voltage 4.5V DC, and maximum off-state current of 1 mA. It also has a maximum input impedance of 2.5-3K  $\Omega$  for an on-state and a maximum of 5-6K  $\Omega$  for an off-state. Eight red status indicators are available with the 1771-IH module. It is rack mountable and has a 1771-WD wiring arm.

Input signal delays are present with this module. In particular, it has low to high and high to low propagation delays of 15 ms with +/- 7 ms each. It has a backplane current of 74 mA at 5V DC +/- 5% and an isolation voltage of 1500V AC RMS. This module has a power dissipation that ranges from a minimum of 0.4 W to a maximum of 8.1 W and a thermal dissipation that ranges from a minimum of 1.3 BTU/hr and a maximum of 27.7 BTU/hr. Its operating temperature is 0-60 ??

You can contact us through the following contact information

[www.sparetechplc.com](http://www.sparetechplc.com) +86 180 3000 5825 [sales@sparetechplc.com](mailto:sales@sparetechplc.com)