

Allen-Bradley 1771-IM

The 1771-IM input module from Allen-Bradley is a PLC 5 series digital input module. It can operate with both AC and DC input voltage. The 1771-IM digital input module has 8 inputs for receiving signals from up to 8 devices at a time. The voltage category of this digital input module is 220 Volts AC/DC. The 1771-IM AC/DC digital input module can operate with 184 to 276 Volts AC voltage or with DC voltage. Technical specifications for 1771-IM

Manufacturer Rockwell Automation

Brand Allen-Bradley

Part Number/Catalog No. 1771-IM

Module Type Digital AC/DC Input Module

Number of Inputs 8 Inputs

Voltage Category 220 Volts AC/DC

AC Operating Voltage 184-276 Volts

DC Operating Voltage 184-276 Volts

Backplane Current 75 Miliampere

Max AC Off-State Current 1.0 Miliampere

Max DC Off-State Current 1.0 Miliampere

Typical AC Signal Delay (On) 20 (+/- 6) ms

Typical DC Signal Delay (On) 10 (+/- 4) ms

Typical AC Signal Delay (Off) 20 (+/- 6) ms

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

Wiring Arm 1771-WA

Mounting Rack Mountable Description

The Allen-Bradley 1771-IM is a digital AC/DC input module. Eight inputs are available with this module and it has been designed for use with selector switches, pushbutton switches, AC limit switches, and float switches. It comes with nominal input voltages of 240V DC and 220-240V AC at 47-63 Hz. Its nominal input currents are 2.6 mA at 240V DC, 3 mA at 220V AC at 50 Hz, and 3.5 mA at 220V AC at 60 Hz. The input voltage ranges from 184-276V AC and 184-276V DC, both for the on-state. It also has a minimum on-state current of 2.9 mA, a maximum off-state current of 1 mA, and a maximum off-state voltage of 92-114V AC. Input signal delays are available with the 1771-IM module and these are 20 +/- 6 ms for AC and 10 +/- 4 ms for DC from OFF to ON and 20 +/- 6 ms for AC and 20 +/- 9 ms for DC. Its backplane current is 75 mA, its power dissipation is a minimum of 0.4 W and a maximum of 2.4 W, and its thermal dissipation is a minimum of 3.2 BTU/hr and a maximum of 10.9 BTU/hr. This module has a non-condensing relative humidity of 5-95%, an operating temperature of 32-140 °F.

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com