ALLEN-BRADLEY CONTROLLOGIX

Product Data Sheet

1756-IF16

Sixteen-channel analog input module

BACKPLANE	INPUT VOLTAGE RANGE	INPUT CURRENT RANGE	POWER CONSUMPTION
5.1V DC, 200 mA max 24V DC, 35 mA max	**-10…+10V**	**0…20mA Limited to 100VA**	**2.33 W**

Allen-Bradley 1756-IF16 is a sixteen-channel analog input module for the Allen-Bradley ControlLogix product family. It provides the documented interfaces and electrical characteristics for compatible industrial automation configurations.

01 VERIFIED TECHNICAL DATA

Backplane	5.1V DC, 200 mA max 24V DC, 35 mA max
Input Voltage Range	-10…+10V
Input Current Range	0…20mA Limited to 100VA
Power consumption	2.33 W
Normal mode noise rejection	>80 dB @ 50/60 Hz
Channel bandwidth	15 Hz (-3 dB)
Offset drift	45 microV/°C
Wire category	2 - on signal ports
Temperature, operating	0 °C ≤ Ta ≤ +60 °C (+32 °F ≤ Ta ≤ +140 °F)
Temperature, nonoperating	-40…+85 °C (-40…+185 °F)

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Relative humidity	5…95% noncondensing

03 DOCUMENTED USE SETTINGS

Automotive Manufacturing: Vehicle Body Production.

Water and Wastewater: Municipal Water Treatment.

Material Handling: Warehouse Logistics Operations.

04 SYSTEM COMPATIBILITY

Use 1756-IF16 only in the documented Allen-Bradley ControlLogix environment and confirm the applicable chassis, terminal assembly and electrical supply before connection.

05 PRODUCT EVIDENCE

Rockwell Automation manufacturer documentation

AMIKON PRODUCT SUPPORT

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