CONTROLLOGIX 1756 I/O

Product Data Sheet

1756-IB16

16-point 12/24 V DC input module

INPUT POINTS	INPUT TYPE	OPERATING VOLTAGE	NOMINAL VOLTAGE
16, eight per group	**12/24 V DC sinking**	**10 to 31.2 V DC**	**24 V DC**

Allen-Bradley 1756-IB16 is a 16-point 12/24 V DC input module for the ControlLogix 1756 I/O platform. It provides the documented electrical, communication or control role defined for this exact article and revision.

01 VERIFIED TECHNICAL DATA

Input points	16, eight per group
Input type	12/24 V DC sinking
Operating voltage	10 to 31.2 V DC
Nominal voltage	24 V DC
OFF-to-ON hardware delay	290 us typical; 1 ms maximum
Selectable ON filter	0, 1 or 2 ms
ON-to-OFF hardware delay	700 us typical; 2 ms maximum
Selectable OFF filter	0, 1, 2, 9 or 18 ms
5.1 V backplane current	100 mA
24 V backplane current	2 mA

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Maximum power dissipation	5.1 W
Continuous isolation	250 V input-to-backplane and group-to-group
Point-to-point isolation	None

03 DOCUMENTED USE SETTINGS

Oil and Natural Gas Extraction and Transmission: Offshore petroleum exploration and upstream energy development sites.

Metals and Mineral Resource Production Sectors: Steel and nonferrous metal production across industrial sites.

Marine Transport and Port Infrastructure Sectors: Commercial shipbuilding and vessel repair across coastal regions.

04 SYSTEM COMPATIBILITY

1756-IB16 provides the documented function of a 16-point 12/24 V DC input module in the ControlLogix 1756 I/O platform. Match the complete article and revision with the host architecture before engineering approval.

05 PRODUCT EVIDENCE

Rockwell Automation 1756 ControlLogix I/O Specifications 1756-TD002

AMIKON PRODUCT SUPPORT

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