ALLEN-BRADLEY SLC 500

Product Data Sheet

1746-IB32

Thirty-two-point DC input module

VOLTAGE CATEGORY	INPUT CHANNELS	POINTS PER COMMON	OPERATING VOLTAGE AT 50 °C
24 V DC	**32**	**8**	**15 to 30 V DC**

Allen-Bradley 1746-IB32 is a thirty-two-point dc input module for the Allen-Bradley SLC 500 product family. It provides the documented interfaces and electrical characteristics for compatible industrial automation configurations.

01 VERIFIED TECHNICAL DATA

Voltage category	24 V DC
Input channels	32
Points per common	8
Operating voltage at 50 °C	15 to 30 V DC
Operating voltage at 60 °C	15 to 26.4 V DC
Backplane current at 5 V	50 mA
Backplane current at 24 V	0 mA
Off-state voltage	5 V DC maximum
Off-state current	1.5 mA maximum
Nominal input current	5.1 mA at 24 V DC

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Signal delay	3 ms on / 3 ms off
Backplane isolation	1500 V AC for one minute

03 DOCUMENTED USE SETTINGS

Automotive Manufacturing: Vehicle Body Production.

Water and Wastewater: Municipal Water Treatment.

Material Handling: Warehouse Logistics Operations.

04 SYSTEM COMPATIBILITY

Use 1746-IB32 only in the documented Allen-Bradley SLC 500 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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