ET 200S

Product Data Sheet

6ES7131-4BD01-0AB0

high-feature digital input module

DIGITAL INPUTS	RATED INPUT VOLTAGE	BACKPLANE CURRENT	POWER LOSS
4	**24 V DC**	**10 mA max.**	**0.7 W**

Siemens 6ES7131-4BD01-0AB0 is a high-feature digital input module for the ET 200S product family. It provides 4 for distributed automation, machine control, and industrial communication tasks.

01 VERIFIED TECHNICAL DATA

Digital inputs	4
Rated input voltage	24 V DC
Backplane current	10 mA max.
Power loss	0.7 W
Signal 0 range	-30 to +5 V
Signal 1 range	+11 to +30 V
Input delay	0.1 / 0.5 / 3 / 15 ms
Input current at signal 1	8 mA typ.
Two-wire sensor support	Yes
Shielded cable length	1,000 m max.

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Unshielded cable length	600 m max.
Diagnostics	Encoder short-circuit and SF LED
Isolation test	500 V DC

03 DOCUMENTED USE SETTINGS

Automotive Production and Assembly: Body production lines.

Water Treatment and Distribution: Pumping station automation.

Food Processing and Packaging: Packaging machine control.

04 SYSTEM COMPATIBILITY

Install 6ES7131-4BD01-0AB0 only in the documented ET 200S environment and verify the applicable terminal, bus, or module interface before wiring.

05 PRODUCT EVIDENCE

Siemens product data sheet

AMIKON PRODUCT SUPPORT

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