SIPLUS S7-300

Product Data Sheet

6AG1323-1BH01-2AA0

Coated digital I/O module

DIGITAL INPUTS	DIGITAL OUTPUTS	RATED LOAD VOLTAGE	SUPPLY RANGE
8	8	24 V DC	20.4 to 28.8 V DC

Siemens 6AG1323-1BH01-2AA0 is a SIPLUS S7-300 SM 323 digital I/O module with eight inputs and eight outputs. Based on the 6ES7323-1BH01-0AA0 design, it adds conformal coating and an extended environmental specification for demanding installation conditions.

01 TECHNICAL DATA

Digital inputs	8
Digital outputs	8
Rated load voltage	24 V DC
Supply range	20.4 to 28.8 V DC
Input high threshold	13 to 30 V
Input low threshold	-30 to +5 V
Input delay	1.2 to 4.8 ms
Input current	7 mA typical
Rated output current	0.5 A
Minimum output load	5 mA

02 ADDITIONAL PRODUCT DATA

Output residual current	0.5 mA maximum
Resistive switching frequency	100 Hz
Isolation test voltage	500 V DC
Front connector	20 poles
Operating temperature	-40 to +70 °C with approval restrictions

03 PRODUCT FUNCTION

The 24 V DC inputs use Type 1 characteristics, while the transistor outputs are rated at 0.5 A per channel. A 20-pole connector carries the field circuits, and optical isolation separates the grouped I/O from the backplane. The stated -40 to +70 °C range is subject to the mounting, altitude and approval-specific restrictions in the SIPLUS data sheet.

04 SYSTEM COMPATIBILITY

Use a 20.4 to 28.8 V DC load supply and design each output for the 0.5 A nominal rating. Observe the minimum 5 mA load and the separate aggregate-current and switching-frequency conditions for the actual installation.

05 REFERENCE

Siemens 6AG1323-1BH01-2AA0 technical data and applicable product instructions

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