SIMATIC S7-1200

Product Data Sheet

6ES7223-1BL30-0XB0

SM 1223 16-input 16-output digital I/O module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SM 1223 16-input 16-output digital	**SIMATIC S7-1200**	**Germany**	**0.31 kg**

Siemens 6ES7223-1BL30-0XB0 is a SM 1223 16-input 16-output digital I/O module for the SIMATIC S7-1200. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Digital inputs	16 x 24 V DC sink/source
Digital outputs	16 transistor outputs
Output current	0.5 A per channel
Supply range	20.4-28.8 V DC
Backplane current	185 mA maximum
Power loss	4.5 W typical
Input characteristic	IEC 61131 Type 1
Required connector	Front connector

02 ADDITIONAL PRODUCT DATA

03 OFFICIAL APPLICATIONS

- Thermal Hydroelectric and Renewable Power Production: Thermal and hydroelectric power production operating environments; Renewable generation and electrical energy conversion operating environments
- Marine Transport and Offshore Production Operations: Commercial marine propulsion and vessel operating areas; Offshore production processing and transfer operating areas
- Food Processing and Beverage Production Operations: Food processing and packaged consumer product production areas; Beverage production bottling and hygienic processing operating areas

04 SYSTEM COMPATIBILITY

Match 6ES7223-1BL30-0XB0 to the installed SIMATIC S7-1200, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

05 OFFICIAL SOURCES

Siemens official documentation applicable to 6ES7223-1BL30-0XB0

Selected Siemens official manufacturer pages; embedded web links removed.

AMIKON PRODUCT SUPPORT

+86-18020776786 INFO@AMIKON.CN **AMIKONG.COM**