SIMATIC S7-1200

Product Data Sheet

6ES7223-1PH32-0XB0

SM 1223 mixed digital I/O module

FUNCTION	FAMILY	ORIGIN	WEIGHT
SM 1223 mixed digital I/O	**SIMATIC S7-1200**	**Germany**	**0.20 kg**

Siemens 6ES7223-1PH32-0XB0 is a SM 1223 mixed digital I/O module for the SIMATIC S7-1200. The values below are limited to the exact documented article.

01 VERIFIED TECHNICAL DATA

Module designation	SM 1223
Digital inputs	8 x 24 V DC
Input wiring	Sink/source
Digital outputs	8 relay outputs
Output current	2 A
Supply voltage	24 V DC
Supply range	20.4-28.8 V DC
Backplane current	145 mA maximum at 5 V DC
Power loss	5.5 W typical
Input delay	0.2-12.8 ms parameterizable

02 ADDITIONAL PRODUCT DATA

Input groups	4 groups of 2

03 OFFICIAL APPLICATIONS

- Production Control and Equipment Coordination: Sequence control and machine interlocking; equipment status and command handling
- Distributed Signal Acquisition and Control: Field-signal processing; process monitoring and controlled output switching
- Utility and Facility Equipment Monitoring: Remote status collection; alarm handling and equipment supervision

04 SYSTEM COMPATIBILITY

Match 6ES7223-1PH32-0XB0 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

Official Siemens technical documentation for 6ES7223-1PH32-0XB0

Selected official manufacturer pages; visible website addresses removed from this reference package.

AMIKON PRODUCT SUPPORT

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