

SIMATIC S7-200 CN

Product Data Sheet

6ES7223-1BF22-0XA8

Four-input four-output digital module

PRODUCT TYPE	COMPATIBLE CPU FAMILY	DIGITAL INPUTS	DIGITAL OUTPUTS
EM 223 digital I/O module	S7-22X	4	4 transistor outputs

Siemens 6ES7223-1BF22-0XA8 is a four-input four-output digital module in the SIMATIC S7-200 CN family. The documented product type is EM 223 digital I/O module, and the full order code defines the supplied electrical and interface configuration.

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VERIFIED TECHNICAL DATA

Product type	EM 223 digital I/O module
Compatible CPU family	S7-22X
Digital inputs	4
Digital outputs	4 transistor outputs
Rated input voltage	24 V DC
Input current at signal 1	4 mA typical
Rated output current	0.75 A per point
Short-circuit protection	No
Power loss	2 W typical
Input delay	3 to 4.5 ms

ADDITIONAL PRODUCT DATA

Inductive shutdown clamp	L+ minus 48 V
Market approval	CE approval for S7-200 CN

DOCUMENTED USE SETTINGS

Water Supply and Environmental Utilities: Municipal water and wastewater facilities.

Food, Beverage and Dairy Industries: Food and beverage industry facilities.

Pharmaceutical and Life Science Facilities: Pharmaceutical and biotechnology facilities.

SYSTEM COMPATIBILITY

6ES7223-1BF22-0XA8 is a four-input four-output digital module in the SIMATIC S7-200 CN family. Confirm the complete article identity and compare the documented product type with the installed requirement.

PRODUCT EVIDENCE

Siemens manufacturer documentation