

PRODUCT DASHBOARD

6ES7223-1BL22-0XA0

SIMATIC S7-200 EM223 Digital I/O Module

Siemens 6ES7223-1BL22-0XA0 is a SIMATIC S7-200 EM223 digital input/output expansion module for S7-22X CPUs. It adds sixteen 24 VDC sink/source inputs and sixteen 24 VDC source transistor outputs to the configured controller.

BRAND

Siemens

ORIGIN

Germany

HS CODE

8537101190

SHIPS FROM

Xiamen, Fujian, China

Complete public-page information view

Technical data dashboard

SIMATIC S7-200 EM223 Digital I/O Module

PRODUCT FAMILY SIMATIC S7-200	MODULE TYPE EM223 digital I/O	COMPATIBLE CPUS S7-22X
DIGITAL INPUTS 16	INPUT VOLTAGE 24 VDC sink/source	DIGITAL OUTPUTS 16
OUTPUT VOLTAGE 24 VDC source	OUTPUT CURRENT 0.75 A per channel	PRODUCT STATUS Cancelled since 01 October 2017
NET WEIGHT 0.323 kg		

Application and support view

Four engineering use cases plus customer-oriented verification questions.

Compact machine I/O expansion

Adds a balanced group of sensor inputs and actuator outputs to an S7-200 controller.

Conveyor and handling control

Provides discrete field interfaces for interlocks, position feedback and commanded devices.

Packaging equipment maintenance

Restores a combined input/output expansion position in an installed S7-22X system.

Legacy S7-200 replacement

Supports controlled like-for-like service where the EM223 article number and project configuration are preserved.

FAQ SNAPSHOT

1

What is the exact system role of 6ES7223-1BL22-0XA0?

2

Which host, rack or carrier is required for 6ES7223-1BL22-0XA0?

3

What wiring or connector checks apply to 6ES7223-1BL22-0XA0?

4

How is 6ES7223-1BL22-0XA0 configured for service?

Related-series navigator

Eight unique and verified Apter Power destinations for this dashboard.

01 6AV6643-0CD01-1AX1 SIMATIC HMI

02 6ES7314-6BH04-0AB0 S7-300 CPU

03 6ES7315-2EG10-0AB0 S7-300 CPU

04 6ES7321-1BL00-0AA0 digital input module

05 6ES7153-2BA02-0XB0 ET 200M interface

06 6ES7215-1BG40-0XB0 S7-1200 CPU

07 6DD1683-0CH0 SIMATIC TDC interface

08 6AU1455-2AD00-0AA0 SIMOTION controller

Related pages are navigation aids and are not used as manufacturer parameter sources.

Traceability and commissioning closeout

Confirm 6ES7223-1BL22-0XA0, the S7-22X CPU, expansion order, hardware version, terminal assignments, 24 VDC supplies and commons, output loads, protective grounding, STEP 7 Micro/WIN project and controlled I/O and interlock test before commissioning.

OFFICIAL MANUFACTURER SOURCE

SIMATIC S7-200 EM223 Product Data Sheet

Siemens Industry Mall article 6ES7223-1BL22-0XA0

ENGINEERING RELEASE NOTE

Install 6ES7223-1BL22-0XA0 only in a documented S7-22X expansion arrangement and isolate the 24 VDC field supply before wiring. Restore the input commons, source-output groups and STEP 7 Micro/WIN configuration, then prove each affected channel before machine release.

APTER POWER SALES TEAM

WHATSAPP / PHONE

+86 180 3023 5313

EMAIL

sales13@apterpower.com

WEBSITE

www.apterpower.com



6ES7223-1BL22-0XA0