

SIMATIC S7-200

Product Data Sheet

6ES7221-1BH22-0XA0

EM 221 sixteen-channel digital input module

FUNCTION	FAMILY	ORIGIN	WEIGHT
EM 221 sixteen-channel digital input	SIMATIC S7-200	China	0.160 kg

Siemens 6ES7221-1BH22-0XA0 is a EM 221 sixteen-channel digital input module for the SIMATIC S7-200. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

System family	SIMATIC S7-200
Module designation	EM 221
Digital inputs	16
Input voltage	24 V DC
Input wiring	Sink/source
Controller compatibility	S7-22x CPU

- Rail, Airport and Public Transport Infrastructure: Rail and metro infrastructure services; Airport and public transport operations
- Distribution, Warehousing and Material Flow Services: Warehouse and distribution-centre operations; Industrial material-flow services
- Industrial Manufacturing and Continuous Production: Discrete manufacturing and assembly production; Continuous industrial production operations

Match 6ES7221-1BH22-0XA0 to the installed SIMATIC S7-200, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer document for 6ES7221-1BH22-0XA0](#)

Manufacturer document archive: 6ES7221-1BH22-0XA0.pdf