

SIMATIC S7-200 CN

# Product Data Sheet

**6ES7223-1PH22-0XA8**

8 DI / 8 relay DO digital I/O module

|                       |                |                |                    |
|-----------------------|----------------|----------------|--------------------|
| TARGET CPUS           | DIGITAL INPUTS | INPUT VOLTAGE  | INPUT CIRCUIT      |
| <b>SIMATIC S7-22X</b> | <b>8</b>       | <b>24 V DC</b> | <b>Sink/source</b> |

Siemens 6ES7223-1PH22-0XA8 is a 8 DI / 8 relay DO digital I/O module in the SIMATIC S7-200 CN family. It is identified for compatible SIMATIC S7-200 CN installations and should be selected by its complete order number and documented interface.

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## VERIFIED TECHNICAL DATA

|                           |                 |
|---------------------------|-----------------|
| Target CPUs               | SIMATIC S7-22X  |
| Digital inputs            | 8               |
| Input voltage             | 24 V DC         |
| Input circuit             | Sink/source     |
| Input current at signal 1 | 4 mA typical    |
| Digital outputs           | 8 relay outputs |
| Rated output current      | 2 A per channel |
| Short-circuit protection  | No              |
| Typical power loss        | 3 W             |

## ADDITIONAL PRODUCT DATA

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|----------------------|----------------------|
| Naked product size   | 7.12 x 8.00 x 6.20cm |
| Naked product weight | 0.10 kg              |

## DOCUMENTED USE SETTINGS

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Oil, Gas and Petrochemical Industries: Upstream and downstream energy sites.

Water Supply and Wastewater Industries: Municipal water and wastewater sites.

Automotive and Mobility Industries: Vehicle manufacturing sites.

## SYSTEM COMPATIBILITY

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6ES7223-1PH22-0XA8 belongs to the SIMATIC S7-200 CN family and provides the documented role of 8 DI / 8 relay DO digital I/O module. Review the exact order number before assigning it to the installed architecture.

## PRODUCT EVIDENCE

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Siemens manufacturer documentation