

SIEMENS

Data sheet

6ES7223-1BH22-0XA8



Figure similar

*** spare part *** SIMATIC S7-200 CN, Digital I/O EM 223, only for S7-22X CPU, 8 DI 24 V DC, sink/source, 8 DO 24 V DC; 0.75 A/channel source this S7-200 CN product only has CE approval

| Power loss | |
|---|------------|
| Power loss, typ. | 3 W |
| Digital inputs | |
| Number of digital inputs | 8 |
| Input voltage | |
| • Type of input voltage | DC |
| • Rated value (DC) | 24 V |
| Input current | |
| • for signal "1", typ. | 4 mA |
| Digital outputs | |
| Number of digital outputs | 8 |
| Short-circuit protection | No |
| Limitation of inductive shutdown voltage to | L+ (-48 V) |
| Output current | |
| • for signal "1" rated value | 750 mA |
| Dimensions | |
| Width | 71.2 mm |
| Height | 80 mm |
| Depth | 62 mm |
| Classifications | |

| | Version | Classification |
|--------|---------|----------------|
| eClass | 14 | 27-24-22-04 |
| eClass | 12 | 27-24-22-04 |
| eClass | 9.1 | 27-24-22-04 |
| eClass | 9 | 27-24-22-04 |
| eClass | 8 | 27-24-22-04 |
| eClass | 7.1 | 27-24-22-04 |
| eClass | 6 | 27-24-22-04 |
| ETIM | 10 | EC001419 |
| ETIM | 9 | EC001419 |
| ETIM | 8 | EC001419 |
| ETIM | 7 | EC001419 |
| IDEA | 4 | 3566 |
| UNSPSC | 15 | 32-15-17-05 |

Approvals / Certificates

General Product Approval

Maritime application



[Manufacturer Declaration](#)

[China RoHS](#)



[CCS \(China Classification Society\)](#)

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7/17/2025

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6ES7223-1BH22-0XA8

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