SIEMENS

## Data sheet 6ES7132-4HB50-0AB0



*** Spare part *** SIMATIC DP, Electronics module ET 200S: 2 DQ relay (change-over contact) 24 V-48 V DC/5 A, 24 V-230 V AC/5 A, 15 mm width, substitute value output, with manual operation

| | |
|---|---|
| **General information** | |
| Product function | |
| ● Isochronous mode | No |
| **Supply voltage** | |
| Load voltage L+ | |
| ● Rated value (DC) | 24 V; From power module |
| ● Reverse polarity protection | Yes |
| **Input current** | |
| from load voltage L+ (without load), max. | 30 mA |
| from backplane bus 3.3 V DC, max. | 10 mA |
| **Power loss** | |
| Power loss, typ. | 0.6 W |
| **Address area** | |
| Address space per module | |
| ● Address space per module, max. | 1 byte |
| ● with packing | 2 bit |
| **Digital outputs** | |
| Type of digital output | Relays |
| Number of digital outputs | 2 |
| Short-circuit protection | No |
| Limitation of inductive shutdown voltage to | No |
| Controlling a digital input | Yes |
| Output current | |
| ● for signal "1" rated value | 5 A |
| ● for signal "1" minimum load current | 8 mA |
| Switching frequency | |
| ● with resistive load, max. | 2 Hz |
| ● with inductive load, max. | 0.5 Hz |
| ● on lamp load, max. | 2 Hz |
| Relay outputs | |
| Switching capacity of contacts | |
| — Thermal continuous current, max. | 5 A |
| Cable length | |
| ● shielded, max. | 1 000 m |
| ● unshielded, max. | 600 m |
| **Interrupts/diagnostics/status information** | |
| Diagnostics function | No |
| Substitute values connectable | Yes; 0/1 |
| Diagnostics indication LED | |


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| | |
|---|---|
| ● Status indicator digital output (green) | Yes |
| **Potential separation** | |
| Potential separation digital outputs | |
| ● between the channels | Yes |
| ● between the channels and backplane bus | Yes |
| ● Between the channels and load voltage L+ | Yes |
| **Ambient conditions** | |
| Altitude during operation relating to sea level | |
| ● Ambient air temperature-barometric pressure-altitude | Tmin ... Tmax at 1 080 hPa ... 795 hPa (-1 000 m ... +2 000 m) // Tmin ... (Tmax - 10 K) at 795 hPa ... 658 hPa (+2 000 m ... +3 500 m) // Tmin ... (Tmax - 20 K) at 658 hPa ... 540 hPa (+3 500 m ... +5 000 m) |
| **Dimensions** | |
| Width | 15 mm |
| Height | 81 mm |
| Depth | 52 mm |
| **Weights** | |
| Weight, approx. | 50 g |

**Classifications**

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-26-04 |
| eClass | 14 | 27-24-26-04 |
| eClass | 12 | 27-24-26-04 |
| eClass | 9.1 | 27-24-26-04 |
| eClass | 9 | 27-24-26-04 |
| eClass | 8 | 27-24-26-04 |
| eClass | 7.1 | 27-24-26-04 |
| eClass | 6 | 27-24-26-04 |
| ETIM | 10 | EC001599 |
| ETIM | 9 | EC001599 |
| ETIM | 8 | EC001599 |
| ETIM | 7 | EC001599 |
| IDEA | 4 | 3566 |
| UNSPSC | 15 | 32-15-17-05 |

**Approvals / Certificates**

| General Product Approval | | | | | For use in hazardous locations |
|---|---|---|---|---|---|
| Miscellaneous | Manufacturer Declaration | UL | EAC | China RoHS | FM |

| For use in hazardous locations | Maritime application | | | |
|---|---|---|---|---|
| UL | ABS | LRS | PRS | CCS (China Classification Society) |

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