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## Data sheet 6ES7340-1CH02-0AE0



Figure similar

***spare part*** SIMATIC S7-300, CP 340 communications processor with RS-422/485 interface incl. configuration package on CD

| | |
|---|---|
| **Supply voltage** | |
| Rated value (DC) | |
| ● 24 V DC | No; Power supply via backplane bus 5V |
| **Input current** | |
| from backplane bus 5 V DC, max. | 165 mA |
| **Power loss** | |
| Power loss, typ. | 0.6 W |
| Power loss, max. | 0.85 W |
| **Interfaces** | |
| Interfaces/bus type | RS 422 / 485 (X.27) |
| Number of interfaces | 1; Isolated |
| Transmission rate, min. | 2.4 kbit/s |
| Transmission rate, max. | 19.2 kbit/s |
| Point-to-point connection | |
| ● Cable length, max. | 1 200 m |
| ● supported printers | HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined |
| ● Connector type | 15-pin sub D socket |
| Integrated protocol driver | |
| — 3964 (R) | Yes |
| — ASCII | Yes |
| — RK 512 | No |
| — customer-specific drivers reloadable | No |
| Telegram length, max. | |
| — 3964 (R) | 1 024 byte |
| — ASCII | 1 024 byte |
| Transmission rate, RS 422/485 | |
| — with 3964 (R) protocol, max. | 19.2 kbit/s |
| — with ASCII protocol, max. | 9.6 kbit/s |
| — with printer driver, max. | 9.6 kbit/s |
| **Interrupts/diagnostics/status information** | |
| Diagnostics indication LED | |
| ● Receive RxD | Yes |
| ● Transmit TxD | Yes |
| ● Group error SF (red) | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| ● max. | 60 °C |


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| | |
|---|---|
| Ambient temperature during storage/transportation | |
| ● min. | -40 °C |
| ● max. | 70 °C |
| **Software** | |
| Block | |
| ● FB length in RAM, max. | 2 700 byte; Data communication, sending and receiving |
| **Connection method** | |
| Design of electrical connection for supply voltage | Over backplane bus |
| **Dimensions** | |
| Width | 40 mm |
| Height | 125 mm |
| Depth | 120 mm |
| **Weights** | |
| Weight, approx. | 300 g |
| **Classifications** | |

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-22-08 |
| eClass | 14 | 27-24-22-08 |
| eClass | 12 | 27-24-22-08 |
| eClass | 9.1 | 27-24-22-08 |
| eClass | 9 | 27-24-22-08 |
| eClass | 8 | 27-24-22-08 |
| eClass | 7.1 | 27-24-22-08 |
| eClass | 6 | 27-24-22-08 |
| ETIM | 10 | EC001423 |
| ETIM | 9 | EC001423 |
| ETIM | 8 | EC001423 |
| ETIM | 7 | EC001423 |
| IDEA | 4 | 3564 |
| UNSPSC | 15 | 32-15-17-05 |

**Approvals / Certificates**

**General Product Approval**

Miscellaneous | Manufacturer Declaration

| General Product Approval | EMV | For use in hazardous locations |
|---|---|---|
| China RoHS | | FM |

| For use in hazardous locations | | Maritime application |
|---|---|---|
| Miscellaneous | CCC-Ex | |

**Maritime application**

CCS (China Classification Society)


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