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## Data sheet 6AG1340-1AH02-2AE0



Figure similar

***spare part*** SIPLUS S7-300 CP 340 RS-232 based on 6ES7340-1AH02-0AE0 with conformal coating, -25…+60 °C, communications processor with RS-232C interface (RS-232-C) incl. configuration package on CD-ROM

| | |
|---|---|
| **General information** | |
| based on | 6ES7340-1AH02-0AE0 |
| **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 232C (V.24) |
| 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. | 15 m |
| ● supported printers | HP-Deskjet, HP-Laserjet, IBM-Proprinter, user-defined |
| ● Connector type | 9-pin sub D connector |
| 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 speed, RS 232 | |
| — 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 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |


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| | |
|---|---|
| UL approval | Yes; File E239877 |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -25 °C; = Tmin |
| ● max. | 70 °C; = Tmax; 60 °C @ UL/cUL, ATEX and FM use |
| Ambient temperature during storage/transportation | |
| ● min. | -40 °C |
| ● max. | 70 °C |
| Altitude during operation relating to sea level | |
| ● Installation altitude above sea level, max. | 5 000 m |
| ● Ambient air temperature-barometric pressure-altitude | Tmin ... Tmax at 1 140 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) |
| Relative humidity | |
| ● With condensation, tested in accordance with IEC 60068-2-38, max. | 100 %; RH incl. condensation/frost (no commissioning under condensation conditions) |
| Resistance | |
| Use in stationary industrial systems | |
| — to biologically active substances according to EN 60721-3-3 | Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request |
| — to chemically active substances according to EN 60721-3-3 | Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * |
| — to mechanically active substances according to EN 60721-3-3 | Yes; Class 3S4 incl. sand, dust, * |
| Use on ships/at sea | |
| — to biologically active substances according to EN 60721-3-6 | Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request |
| — to chemically active substances according to EN 60721-3-6 | Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * |
| — to mechanically active substances according to EN 60721-3-6 | Yes; Class 6S3 incl. sand, dust; * |
| Usage in industrial process technology | |
| — Against chemically active substances acc. to EN 60654-4 | Yes; Class 3 (excluding trichlorethylene) |
| — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 | Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil) |
| Remark | |
| — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 | * The supplied plug covers must remain in place over the unused interfaces during operation! |
| **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 |


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|---|---|---|
| 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




Manufacturer Declaration




China RoHS






### EMV






### For use in hazardous locations







CCC-Ex

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