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## Data sheet 6AG1052-1CC08-7BA1




Figure similar

SIPLUS LOGO! 24CE based on 6ED1052-1CC08-0BA1 with conformal coating, -25…+60 °C, start up -20 °C, logic module, display power supply / I/O: 24 V/24 V/24 V trans., 8 DI (4 AI)/4 DQ, memory 400 blocks, modularly expandable, Ethernet integrated web server, data log, user-defined web pages, standard microSD card for LOGO! Soft Comfort V8.3 or higher older projects executable cloud connection in all LOGO! 8.3 basic units

| | |
|---|---|
| **General information** | |
| based on | 6ED1052-1CC08-0BA1 |
| **Display** | |
| with display | Yes; The legibility and response time of the display may be reduced or lengthened at temperatures outside 0 ... +55 °C. These effects are self-reversing on return to the normal temperature range of 0 ... +55 °C. |
| **Installation type/mounting** | |
| Mounting | on 35 mm DIN rail, 4 spacing units wide |
| **Supply voltage** | |
| Rated value (DC) | |
| ● 24 V DC | Yes |
| permissible range, lower limit (DC) | 20.4 V |
| permissible range, upper limit (DC) | 28.8 V |
| **Time of day** | |
| Time switching clocks | |
| ● Number | 400; Max. 400, function-specific |
| ● Power reserve | 480 h |
| **Digital inputs** | |
| Number of digital inputs | 8; Of which 4 can be used in analog mode (0 to 10 V) |
| **Digital outputs** | |
| Number of digital outputs | 4; Transistor |
| Short-circuit protection | Yes; electrical (1 A) |
| Output current | |
| ● for signal "1" permissible range for 0 to 55 °C, max. | 0.3 A |
| **EMC** | |
| Emission of radio interference acc. to EN 55 011 | |
| ● Limit class B, for use in residential areas | Yes; Radio interference suppression according to EN55011, Limit Value Class B |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -25 °C; = Tmin; Startup @ -20 °C |
| ● max. | 60 °C; = Tmax |
| ● At cold restart, min. | -20 °C; incl. condensation / frost permitted (no commissioning under condensation conditions) |
| Ambient temperature during storage/transportation | |
| ● min. | -40 °C |
| ● max. | 70 °C |


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| | |
|---|---|
| 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 in bedewed state), horizontal installation |
| Resistance | |
| Coolants and lubricants | |
| — Resistant to commercially available coolants and lubricants | Yes; Incl. diesel and oil droplets in the air |
| 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! |
| Conformal coating | |
| ● Coatings for printed circuit board assemblies acc. to EN 61086 | Yes; Class 2 for high reliability |
| ● Protection against fouling acc. to EN 60664-3 | Yes; Type 1 protection |
| ● Military testing according to MIL-I-46058C, Amendment 7 | Yes; Discoloration of coating possible during service life |
| ● Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A | Yes; Conformal coating, Class A |

## Dimensions

| | |
|---|---|
| Width | 71.5 mm |
| Height | 90 mm |
| Depth | 60 mm |

## Classifications

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-22-16 |
| eClass | 14 | 27-24-22-16 |
| eClass | 12 | 27-24-22-16 |
| eClass | 9.1 | 27-24-22-16 |
| eClass | 9 | 27-24-22-16 |
| eClass | 8 | 27-24-22-16 |
| eClass | 7.1 | 27-24-22-16 |
| eClass | 6 | 27-24-22-16 |
| ETIM | 10 | EC001417 |
| ETIM | 9 | EC001417 |
| ETIM | 8 | EC001417 |
| ETIM | 7 | EC001417 |


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|---|---|---|---|
| | IDEA | 4 | 3565 |
| | UNSPSC | 15 | 32-15-17-05 |

## Approvals / Certificates

### General Product Approval

Manufacturer Declara-tion

China RoHS

### EMV

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