SIEMENS

## Data sheet 6AG1952-1AY00-7AA0

SIPLUS S7-400 MC RAM 64 MB based on 6ES7952-1AY00-0AA0 with conformal coating, -25…+70 °C, RAM memory card for S7-400, long design, 64 MB




Figure similar

| | |
|---|---|
| **General information** | |
| Product type designation | Memory card |
| based on | 6ES7952-1AY00-0AA0 |
| **Storage** | |
| Type of memory | RAM |
| Memory size | 64 Mbyte |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | -25 °C; = Tmin |
| ● max. | 70 °C; = Tmax |
| 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 permitted (no commissioning in bedewed state) |
| 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 | * The supplied plug covers must remain in place over the unused interfaces during operation! |


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|---|---|
| ANSI/ISA-71.04 | |
| **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 |

## Weights

| | |
|---|---|
| Weight, approx. | 53 g |

## Classifications

| | Version | Classification |
|---|---|---|
| eClass | 16 | 27-24-22-12 |
| eClass | 14 | 27-24-22-12 |
| eClass | 12 | 27-24-22-12 |
| eClass | 9.1 | 27-24-22-12 |
| eClass | 9 | 27-24-22-12 |
| eClass | 8 | 27-24-22-12 |
| eClass | 7.1 | 27-24-22-12 |
| eClass | 6 | 27-24-22-12 |
| ETIM | 10 | EC000192 |
| ETIM | 9 | EC000192 |
| ETIM | 8 | EC000192 |
| ETIM | 7 | EC000192 |
| IDEA | 4 | 6458 |
| UNSPSC | 15 | 43-20-14-02 |

## Approvals / Certificates

### General Product Approval

| | | | | | |
|---|---|---|---|---|---|
| CE EG-Konf. | Manufacturer Declaration | UKCA | China RoHS | EAC | China RoHS |

| General Product Approval | EMV | | For use in hazardous locations | | |
|---|---|---|---|---|---|
| UKCA | KC | RCM | CCC-Ex | IECEx IECEx | Ex ATEX |

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