

SIPLUS S7-400 MC RAM 8 MB based on 6ES7952-1AP00-0AA0 with conformal coating, -25...+70 °C, RAM memory card for S7-400, long design, 8 MB



Figure similar

| General information  |   |
|--|---|
| Product type designation   | Memory card   |
| based on   | <a href="#">6ES7952-1AP00-0AA0</a>  |
| Storage  |   |
| Type of memory   | RAM   |
| Memory size  | 8 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!  |

ANSI/ISA-71.04

| Conformal coating   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Coatings for printed circuit board assemblies acc. to EN 61086</li> <li>• Protection against fouling acc. to EN 60664-3</li> <li>• Military testing according to MIL-I-46058C, Amendment 7</li> <li>• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A</li> </ul> | <p>Yes; Class 2 for high reliability</p> <p>Yes; Type 1 protection</p> <p>Yes; Discoloration of coating possible during service life</p> <p>Yes; Conformal coating, Class A</p> |

| Weights         |      |
|-----------------|------|
| Weight, approx. | 60 g |

| Classifications |        |         |                |
|-----------------|--------|---------|----------------|
|                 |        | Version | Classification |
|                 | 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**



[Manufacturer Declaration](#)



[China RoHS](#)



[China RoHS](#)

| General Product Approval | EMV | For use in hazardous locations |
|--------------------------|-----|--------------------------------|
|--------------------------|-----|--------------------------------|



[CCC-Ex](#)



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