SIEMENS

Data sheet 6AG1952-1AS00-7AA0

SIPLUS S7-400 MC RAM 16 MB based on 6ES7952-1AS00-0AA0 with conformal coating, -25…+70 °C, RAM memory card for S7-400, long design, 16 MB



Figure similar

General information	
Product type designation	Memory card
based on	6ES7952-1AS00-0AA0
Storage	
Type of memory	RAM
Memory size	16 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.	54 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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