SIEMENS

Data sheet 6AG1370-0AA01-7AA0



Figure similar

spare part SIPLUS S7-300 DM370 based on 6ES7370-0AA01-0AA0 with conformal coating, -40…+70 °C, dummy module use for module replacement

General information	
Product type designation	DM 370
based on	6ES7370-0AA01-0AA0
Input current	
from backplane bus 5 V DC, max.	5 mA
Power loss	
Power loss, max.	0.03 W
Digital inputs	
Number of digital inputs	0
Digital outputs	
Number of digital outputs	0
Analog inputs	
Number of analog inputs	0
Analog outputs	
Number of analog outputs	0
Standards, approvals, certificates	
CE mark	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	-40 °C; = Tmin
● max.	70 °C; = Tmax; 60 °C @ UL/cUL, ATEX and FM use
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

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— 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!

Dimensions

Width	40 mm
Height	125 mm
Depth	120 mm

Weights

Weight, approx.	180 g

Classifications

	Version	Classification
eClass	16	27-24-22-11
eClass	14	27-24-22-11
eClass	12	27-24-22-11
eClass	9.1	27-24-22-11
eClass	9	27-24-22-11
eClass	8	27-24-22-11
eClass	7.1	27-24-22-11
eClass	6	27-24-22-11
ETIM	10	EC000238
ETIM	9	EC000238
ETIM	8	EC000238
ETIM	7	EC000238
IDEA	4	3568
UNSPSC	15	32-15-17-05

Approvals / Certificates

General Product Approval

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

EMV

KC | RCM

For use in hazardous locations

IECEx | ATEX | CCC-Ex

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