SIEMENS

Data sheet

6AG1055-1MA00-7BA2



SIPLUS LOGO! AM2 based on 6ED1055-1MA00-0BA2 with conformal coating, -40...+70 °C, start up -25 °C, expansion module, PS/: 12/24 V DC, 2 AI, 0-10 V or 0/4-20 mA for LOGO! 8

Figuresimilar	
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Installation type/mounting on 35 mm DIN rail, 2 spacing units wide Supply voltage Rated value (DC) • • 12 V DC Yes; 10.8 V DC to 28.8 V DC • 24 V DC Yes; 10.8 V DC to 28.8 V DC Input current - Current consumption, typ. 30 mA Analog inputs 2 Number of analog inputs 2 • Oklage Yes Input ranges (rated values), currents Yes • Oklage Yes Degree and class of protection IP20 <th></th> <th></th>		
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Ambient conditions Ambient temperature during operation • min. • max. • At cold restart, min. • Ambient temperature during storage/transportation • min. • max. • max. • Max. • Max. • To °C Altitude during operation relating to sea level • Installation altitude above sea level, max. • Ambient air temperature-barometric pressure- altitude • Ambient air temperature-barometric pressure- altitude • Installation altitude above sea level, max. • Ambient air temperature-barometric pressure- altitude • Installation altitude above sea level, max. • Ambient air temperature-barometric pressure- altitude • Installation altitude above sea level, max. • Ambient air temperature-barometric pressure- altitude • Installation altitude <	Degree and class of protection	
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Ambient temperature during storage/transportation • min. -40 °C • max. 70 °C Altitude during operation relating to sea level • Installation altitude above sea level, max. 5 000 m • Ambient air temperature-barometric pressure- altitude 5 000 m • 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)	• max.	70 °C; = Tmax
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altitude (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)	 Installation altitude above sea level, max. 	5 000 m
Relative humidity		(Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin
	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	35.5 mm
Height	90 mm
Depth	58 mm



Pobrano z: https://sterowniki-plc.net/modul-wyjsc-analogowych-logo-am2-aq-siemens-6ed1055-1mm00-0ba1