SIEMENS

Data sheet

6AG1055-4MH08-2BA1



SIPLUS LOGO! TDE based on 6ED1055-4MH08-0BA1 with conformal coating, -25...+60 °C, start up -20 °C, 6-line, 3 background colors 2 Ethernet ports, installation accessories for LOGO! 8

Figure similar

General information	
Product type designation	Text display
Suitability for use	Can be used with LOGO! 8 and higher
based on	6ED1055-4MH08-0BA1
Display	
Design of display	FSTN
Line display	
 Number of lines 	6
Number of characters per line	20
Backlighting	
 Type of backlighting 	LED
Control elements	
Keyboard fonts	
System keys	Yes
 Number of configurable system keys 	0
alphanumeric keyboard	No
Installation type/mounting	
Wall mounting/direct mounting	No
Supply voltage	
Type of supply voltage	AC/DC
Rated value (DC)	12 V; 12/24 V DC, 24 V AC
Power loss	
Power loss, typ.	1.8 W; Power supply: 24 V DC
Interrupts/diagnostics/status information	
Diagnostics function	No
Degree and class of protection	
IP (at the front)	IP65
Standards, approvals, certificates	
Ecological footprint	
 environmental product declaration 	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	43 kg
— global warming potential, (during production) [CO2 eq]	8.5 kg
— global warming potential, (during operation) [CO2 eq]	34.5 kg
— global warming potential, (after end of life cycle)[CO2 eq]	-0.065 kg
Ambient conditions	
Ambient temperature during operation	
Ambient temperature during operation	

* Inix. An Cold restair, run. An Cold run. An		07.00 T 1 01 1 0 00.00	
* At cold restart, mn. *Anish. remperature during storage/transportation * nin. * n	• min.	-25 °C; = Tmin; Startup @ -20 °C	
Ambient temperature during storage/transportation * min. * max. 40 °C 70 °C Alkitude during socialism relating to seal level * Indication relating to seal level * Indication of the properties of the propertie		The state of the s	
* minx.	• At cold restart, min.	·	
**Motion at interperature-barrometric pressure-altitude	Ambient temperature during storage/transportation		
Antibactic during generation relating to sea level. max.	• min.	-40 °C	
• Installation attitude above sea level, max. • Ambient air temperature-barometric pressure-attitude • Ambient air temperature-barometric pressure-attitude • Ambient air temperature-barometric pressure-attitude • Will middle and the provided of the provided attitude and the provided attitude and the provided attitude attit	• max.	70 °C	
- Ambient air temperature-barometric pressure-altitude - 10 kg 175 h Pa. 1 1000 m + 2 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) // Tmin (Tmax 20 K) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m) - 10 kg 175 h Pa. 1 1000 m + 3 000 m .	Altitude during operation relating to sea level		
Relative humidity **With condensation, tested in accordance with IEC 60088- 2-38, max. **Position of Coolints and lubricants - Resistance Coolints and lubricants - Resistance Coolints and lubricants - Resistance to commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercially available coolants and lubricants - Liberitance in the commercial in the cooling in the coo	 Installation altitude above sea level, max. 	5 000 m	
*With condensation, tested in accordance with IEC 6008-538, max. *Resistance Coolinats and lubricants —Resistant to commercially available coolants and lubricants Use in stationary industrial systems —In biologically active substances according to EN 60721-3-3 —In orbamically active substances accordi	Ambient air temperature-barometric pressure-altitude	- 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K)	
Resistance Coolants and lubricants Resistant to commercially available coolants and lubricants Use in stateonary industrial systems — to biologically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 — to biologically active substances according to EN 60721-3-3 — to nechanically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60068-2-52 (severity degree 3); "Yes; Class 653 incl. sand, dust; "Yes; Class 653 incl. sand funging according to EN 60068-2-50 (severity degree 3); "Yes; Class 653 incl. sand, dust; "Yes; Cl	Relative humidity		
Coolants and lubricants			
	Resistance		
Lubricants Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on shipsfal sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — Environmental conditions of the function o	Coolants and lubricants		
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60721-3-3 — to chemically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Yes; Class 682 mold and fungal spores (excluding fauna); Class 683 on request Ye	Use in stationary industrial systems		
degree 3); *			
Use on ships/at sea — to biologically active substances according to EN 60721-3-6 — to chemically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Conformal coating • Coatings for printed circuit board assemblies acc. to EN 61086 • Protection against fouling acc. to EN 60664-3 • Military testing according to Mil46056C, Amendment 7 • Outlification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A configuration both Accessories belongs to product Midth 128.2 mm Height 9 Remark — Coording Again to Military testing according to Milit	,		
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degree 3).* - to mechanically active substances according to EN 60721-3-6 Usage in industrial process technology - Against chemically active substances acc. to EN 60654.4 - Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark - Note regarding classification of environmental conditions acc. to EN 60721, EN 60654.4 and ANSI/ISA-71.04 Conformal coating • Coatings for printed circuit board assemblies acc. to EN 60721, EN 6064-3 • Military testing according to MIL-146058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-850A Configuration / Ineader Configuration fool Accessories belongs to product Midth 128.2 mm Height 86 mm Depth Overall depth Weight, approx. degree 3).* Yes; Class 6S3 incl. sand, dust; * Yes; Class 1 (excluding trichlorethylene) Yes; Class 2 (excluding trichlorethylene) Yes; Level GX group A/B (excluding trichlorethylene) Yes; Class 2 (excluding trichlorethylene) * Yes; Class 2 (excluding trichlorethylene) * The supplied plug covers must remain in place over the unused interfaces during operation! * Yes; Class 2 for high reliability Yes; Class 2 for high reliability * Yes; Class 2 for high reliability From 1, 128.2 for high reliability Yes; Type 1 protection Yes; Discolaration of coating possible durin			
Usage in industrial process technology — Against chemically active substances acc. to EN 60654-4 — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Conformal coating			
- Against chemically active substances acc. to EN 60654-4 - Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Remark - Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Conformal coating		Yes; Class 6S3 incl. sand, dust; *	
Formal control systems acc. to ANSI/ISA-71.04 Remark	Usage in industrial process technology		
and control systems acc. to ANSI/ISA-71.04 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 Conformal coating		concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level	
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Coatings for printed circuit board assemblies acc. to EN 61086 Protection against fouling acc. to EN 60664-3 Military testing according to MIL-I-46058C, Amendment 7 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A configuration / header Configuration software Configuration software Configuration tool Accessories belongs to product Mechanics/material Design of housing Dimensions Width 128.2 mm Height 86 mm Depth Overall depth 38.7 mm Weights Weight, approx. 220 g	conditions acc. to EN 60721, EN 60654-4 and		
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Military testing according to MIL-I-46058C, Amendment 7 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A configuration / header Configuration software Configuration tool Accessories belongs to product Design of housing Dimensions Width Height Depth Depth Overall depth Weights Weight, approx. Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Configuration 2	• .	Yes; Class 2 for high reliability	
Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Configuration / header Configuration software Configuration tool LOGO! Soft Comfort V8 Accessories belongs to product LOGO! Mechanics/material Design of housing plastic Dimensions Width 128.2 mm Height Be mm Depth Overall depth 38.7 mm Weights Weight, approx. 220 g	 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection	
Compound for Printed Board Assemblies according to IPC-CC-830A configuration / header Configuration software Configuration tool LOGO! Soft Comfort V8 Accessories belongs to product LOGO! Mechanics/material Design of housing plastic Dimensions Width 128.2 mm Height 86 mm Depth Overall depth 38.7 mm Weights Weight, approx. 220 g	• Military testing according to MIL-I-46058C, Amendment 7	Yes; Discoloration of coating possible during service life	
Configuration software	Compound for Printed Board Assemblies according to IPC-	Yes; Conformal coating, Class A	
● Configuration tool Accessories belongs to product Mechanics/material Design of housing Dimensions Width Height Depth Overall depth Weights Weight, approx. LOGO! LOGO! LOGO! LOGO! Accessories LOGO! LOGO! Accessories Access	configuration / header		
Accessories belongs to product LOGO! Mechanics/material Design of housing plastic Dimensions Width 128.2 mm Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx. 220 g	Configuration software		
belongs to product LOGO! Mechanics/material Design of housing plastic Dimensions Width 128.2 mm Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx. 220 g		LOGO! Soft Comfort V8	
Design of housing plastic Dimensions Width 128.2 mm Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx. 220 g	belongs to product	LOGO!	
Dimensions Width 128.2 mm Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx. 220 g	Mechanics/material		
Width 128.2 mm Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx. 220 g	Design of housing	plastic	
Height 86 mm Depth 38.7 mm Overall depth 38.7 mm Weights 220 g	Dimensions		
Depth 38.7 mm Overall depth 38.7 mm Weights Weight, approx.	Width	128.2 mm	
Overall depth 38.7 mm Weights Weight, approx. 220 g	Height	86 mm	
Weights Weight, approx. 220 g	Depth	38.7 mm	
Weight, approx. 220 g	Overall depth	38.7 mm	
3 1 11	Weights		
Scope of supply		220 g	
	Scope of supply		

Delivery quantity in pieces 1

Classifications

	Version	Classification
eClass	14	27-33-02-03
eClass	12	27-33-02-03
eClass	9.1	27-33-02-03
eClass	9	27-33-02-03
eClass	8	27-24-23-04
eClass	7.1	27-24-23-04
eClass	6	27-24-23-04
ETIM	10	EC001426
ETIM	9	EC001426
ETIM	8	EC001426
ETIM	7	EC001426
IDEA	4	6679
UNSPSC	15	43-21-19-06

Approvals / Certificates

General Product Approval

EMV



Manufacturer Declaration



China RoHS





Environment



last modified:

10/9/2024