SIEMENS

Data sheet

6AG1193-6BP20-7BA0



SIPLUS ET 200SP, BASEUNIT BU15-P16+A10+2B, BU-TYPE A0, -40 ... +70°C with conformal coating based on 6ES7193-6BP20-0BA0 . PUSH-IN TERMINALS, WITH 10 AUX-TERMINALS, BRIDGED TO LEFT BU WXH: 15MMX141MM

Figure similar

General information		
Product type designation	BU type A0	
Supply voltage	and the second s	
Rated value (DC)	24 V	
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic	
Current carrying capacity		
up to 60 °C, max.	10 A	
Hardware configuration		
Slots		
 Number of slots 	1	
Potential separation		
between backplane bus and supply voltage	Yes	
Isolation		
Isolation tested with	707 V DC	
Ambient conditions		
Ambient temperature during operation		
 horizontal installation, min. 	-40 °C; = Tmin (incl. condensation/frost)	
 horizontal installation, 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 (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 — 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 MIL-I-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Dimensions Width Height Depth Weights Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request Yes; Class 6G3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 6		
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 — against chemically active substances acc. to EN 6064-4 — 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	Use on ships/at sea	
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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 * The supplied plug covers must remain in place over the unused interfaces during operation! * 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 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 Dimensions Width Height 15 mm	Usage in industrial process technology	
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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 MIL-I-46058C, Amendment 7 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Dimensions Width Height Depth Ten 60654-4 and interfaces during operation! Yes; Class 2 for high reliability Yes; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A 15 mm Height 141 mm Depth Weights	Remark	
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Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Dimensions Width Height Depth Weights Tyes; Conformal coating, Class A 15 mm 141 mm 35 mm	 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Dimensions Width 15 mm Height 141 mm Depth 35 mm Weights		Yes; Discoloration of coating possible during service life
Width 15 mm Height 141 mm Depth 35 mm Weights 14 mm	Insulating Compound for Printed Board Assemblies	Yes; Conformal coating, Class A
Height 141 mm Depth 35 mm Weights	Dimensions	
Depth 35 mm Weights	Width	15 mm
Weights	Height	141 mm
	Depth	35 mm
Weight, approx. 50 g	Weights	
	Weight, approx.	50 g