SIEMENS

Data sheet

6AG1226-6DA32-5XB0



SIPLUS S7-1200 SM 1226 F-DQ 4x24VDC based on 6ES7226-6DA32-0XB0 with conformal coating, -25...+55 $^{\circ}$ C, F-DQ 4x DC 24V 2A, PROFIsafe, 70 mm width, up to PL e (ISO 13849-1)/ SIL3 (IEC 61508)

General information	
Product type designation	SM 1226, F-DQ 4x24 V DC/0.5 A
based on	6ES7226-6DA32-0XB0
Supply voltage	
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
from backplane bus 5 V DC, max.	125 mA
Digital outputs	
• from load voltage L+, max.	170 mA
Power loss	
Power loss, typ.	8 W
Digital outputs	
Number of digital outputs	4
• in groups of	1
Short-circuit protection	Yes
Switching capacity of the outputs	
 with resistive load, max. 	30 Hz
on lamp load, max.	10 Hz
Output voltage	
Rated value (DC)	24 V
Output current	
● for signal "1" rated value	2 A
for signal "1" permissible range, max.	10 mA to 2.4 A
◆ for signal "0" residual current, max.	P-switch: 0.5 mA, maximum; M-switch: 0.5 mA, maximum
Cable length	
shielded, max.	200 m
• unshielded, max.	200 m
Interrupts/diagnostics/status information	
Diagnostics indication LED	
for status of the outputs	Yes
Degree and class of protection	
IP degree of protection	IP20
Standards, approvals, certificates	
Highest safety class achievable in safety mode	
 Performance level according to ISO 13849-1 	Category 4, PL e
• SIL acc. to IEC 61508	SIL 3
Ambient conditions	
Free fall	
 Fall height, max. 	0.3 m; five times, in product package

* min. * nin. * nin. * nin. * nin. * nin. * permissible temperature change * principal temperature during storage/transportation * min. * nin. * ni		
* max.** * permissible temperature change	Ambient temperature during operation	
Ambient temperature change Ambient temperature during storagetransportation • min. •	• min.	
Ambient temperature during storage transportation • min. • max. • Ambient air femperature-barometric pressure-altitude Relative humidity • With condensation, tested in accordance with IEC 60088- 2-86, max. • Ambient air temperature-barometric pressure-altitude Relative humidity • With condensation, tested in accordance with IEC 60088- 2-86, max. — Resistant to commercially available coolants and lubricants — Resistant to commercially available coolants and lubricants — Resistant to commercially available coolants and lubricants — In biologically active substances according to EN 6721-3-3 — In chemically active substances according to EN 6721-3-3 — Lise on shippiat sea. — to biologically active substances according to EN 6721-3-3 — to chemically active substances	• max.	
min.		5°C to 55°C, 3°C / minute
Affitude during operation relating to sea level Installation altitude above sea level, max. Ambient air temperature-barometric pressure-altitude Relative humidity With condensation, tested in accordance with IEC 6008s-2-33, max. Resistance Coolants and lubricants — Resistant to commercially available coolants and lubricants Use in stationary industrial systems — to biologically active substances according to EN 60721-3-3 — to rhemically 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 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 — 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 — 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 — 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 — 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 60721-3-7 — 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 — 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 — to mechanically active substances according to EN 60721-3-6 — to mechanically	Ambient temperature during storage/transportation	
Altitude during operation relating to sea level • Installation altitude above sea level, max. • Ambient air temperature-barrometric pressure-altitude Relative humidity • With condensation, tested in accordance with IEC 6008s-2-38, max. Resistance Coclorate and lubricants — Resistant to commercially available coolants and 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 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 methanically active substances according to EN 60721-3-6 — Environmental conditions for process, measuring end control systems acc.	• min.	
Installation attitude above sea level, max. Ambient air temperature-barometric pressure-attitude Relative humidity Ambient air temperature-barometric pressure-attitude Relative humidity With condensation, tested in accordance with IEC 60068-2-38, max. 2-38, max. Resistance Coolants and lubricants - Resistant to commercially available coolants and lubricants Use in stationary 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 60721-3-6 - to chemically active substances according to EN 60721-3-3 - 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 - 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 - 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 - 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 - 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 - 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 60721-3-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-	• max.	70 °C
Relative humidity * With condensation, tested in accordance with IEC 60068- 2-38, max. Resistance Coolants and lubricants — Resistant to commercially available coolants and 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 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 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 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 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 — 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 — to mechanically active substances according to EN 60721-3-6 — Environmental conditions for process, measuring and control systems acc. to EN 6064-4 — Environmental conditions for process, measuring and control systems acc. to EN 60721, EN 60654-4 and ANSI/SA-71.04 Remark — Note regarding classification of environmental conditions acc. to EN 60721, EN 60664-3 and ANSI/SA-71.04 Coolants for printed circuit board assemblies acc. to EN 60721, EN 60664-3 and ANSI/SA-71.04 **Ves: Class 610 model and performance of Electrical insulating Compound for Printed Board Assemblies according to IPC-CC-80-0A **Westernation** **Ves: Class 2 for high reliability **Yes: Class 2 for high reliability **Yes: Class 2 for high reliability **Yes: Class 2 for high reliabil		
Resistance Coolants and lubricants Resistant to commercially available coolants and 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 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 mechanically active substances according to EN 60721-3-3 - 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 - to mechanically active substances according to EN 60721-3-6 - Subsigned in industrial process technology - Against chemically active substances according to EN 6054-4 - Emvironmental 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 6064-4 and ANSI/ISA-71.04 Conformal coating • Coatings for printed circuit board assemblies acc. to EN 6066-3 • Millary testing according to MIL -1-460560, Amendment 7 • Qualification and Performance of Electrical Insulating Conditions and Performance of Electrical Insulating Conditions and Performance of Electrical Insulating Conditions on the Performance of Electrical Insulating Conditions on the Performance of Electrical Insulating Conditions on Performance of Electrical Insulating Conditions on the Performance of Electrical Insulating Co	 Installation altitude above sea level, max. 	2 000 m
With condensation, tested in accordance with IEC 60068-2-38, max. Resistance Coolents and lubricants Resistance Coolents and lubricants Resistance The properties of the	Ambient air temperature-barometric pressure-altitude	Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m)
2-38, max. conditions) Resistant to commercially available coolants and 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 mechanically active substances according to EN 60721-3-3 Use on ships/at sea — to biologically 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 — 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 — 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 60721-3-3 Useg in industrial process technology — Against chemically active substances acc. to EN 60068-2-52 (severity degree 3); Yes; Class 663 incl. sand, dust.* Yes; Class 663 incl. sand, dust.* Yes; Class 3 (accluding trichlorethylene) Yes; Class 4 (accluding trichlorethylene) Yes; Class 2 (accluding trichlorethylene) Yes; Class 2 (accluding trichlorethylene) Yes; Class	Relative humidity	
Coolants and lubricants Resistant to commercially available coolants and 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 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 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 — 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 — 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 — 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 — 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 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60721-3-3 (ass 30-4 permissible); level LC3 (salt spray) and level LB3 (oil) — to the regarding dassification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 — Note regarding dassification of environmental conditions acc. to EN 60664-3 — Military testing according to MIL-1-46058C, Amendment 7 — Qualification and Performance of Electrical Insulating Compound for Printed Boar	2-38, max.	
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 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 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 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 — 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 — 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 — 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 — 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 — to mechanically active substances according to EN 60721-3-6 — to mechanically active substances according to EN 60664-4 — Environmental conditions for process, measuring and control systems acc. to EN 60664-3 — Environmental conditions acc. to EN 60664-3 — Note regarding classification of environmental conditions acc. to EN 60664-3 — Protection against fouling acc. to EN 60664-3 — Military testing according to MIL-1-46056C, Amendment 7 — Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies acc. to EN 60664-3 — Militar		
Use in stationary 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 mechanically active substances according to EN 60721-3-3 — to mechanically active substances according to EN 60721-3-4 — 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 Usage in industrial process technology — 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 • Coalings for printed circuit board assemblies acc. to EN 61086 • Protection against fouling acc. to EN 60664-3 • Military testing according to MIL-1-46058C, Amendment 7 • Qualification and Performance of Electrical insulating Compound for Printed Board Assemblies according to IPC-0-230A Mechanics/material Enclosure material (front) • Plastic Proseph — 70 mm Weights	Coolants and lubricants	
to biologically 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 to mechanically 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 mechanically active substances acc. to EN 60068-2-52 (severity degree 3); to mechanically active substances acc. to EN 60721-3-6		Yes
- to themically active substances according to EN 60721-3-3 - to mechanically active substances according to EN 60721-3-6 - to the mically active substances according to EN 60721-3-6 - to themically active substances according to EN 60721-3-6 - to the mically active substances according to EN 60721-3-6 - to themically 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 - 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 - Land themically active substances ac	Use in stationary industrial systems	
degree 3).* Yes; Class 3S4 incl. sand, dust, * 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 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 — 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 — 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 — 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 — to mechanically 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 — 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 — 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 — to mechanically active substances according to EN 60721-3-6		
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 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 60654-4 and ANSI/ISA-71.04 Conformal coading • Coatings for printed circuit board assemblies acc. to EN 61086 • Protection against fouling acc. to EN 60684-3 • Military testing according to MIL-1-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Mechanics/material Enclosure material (front) • Plastic Popth 70 mm Weights	,	
- 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-1-46058C, Amendment 7 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A Mechanics/material Enclosure material (front) Plastic Pres: Class 6B3 mold and fungal spores (excluding frunal); Class 6B3 on request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 incl. sand, dust; * Yes; Clas		Yes; Class 3S4 incl. sand, dust, *
equest - 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 • Millitary testing according to MIL-I-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-C-830A Mechanics/material Enclosure material (front) • Plastic Pinensions request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; * Yes; Class 6S3 incl. sand, dust; * Yes; Class 3 (excluding trichlorethylene) Yes; Class 3 (excluding trichlorethylene) (salt spray) and level LB3 (oil) * 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; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Yes; Class 2 for high reliability To mm Height From Medida Assemblies acc. to EN 60684-3 Yes; Class 2 for high reliability	Use on ships/at sea	
degree 3); *		
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 60684-3 • 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 Mechanics/material Enclosure material (front) • Plastic Pipeth 70 mm Weights		
- 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; *
- Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 - 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 - Mechanics/material Enclosure material (front) - Plastic - Plastic - 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 (oii) - The supplied plug covers must remain in place over the unused 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 - Conformal coating, Class A - Yes - Conformal coating, Class A - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Yes - Dimensions - Di	Usage in industrial process technology	
and control systems acc. to ANSI/ISA-71.04 Remark		Yes; Class 3 (excluding trichlorethylene)
Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04 Conformal coating Ocatings 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 Mechanics/material Enclosure material (front) Plastic Pimensions Width 70 mm Height 100 mm Depth Weights		concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level
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 Mechanics/material Enclosure material (front) • Plastic Yes Yes Yes Yes; Class 2 for high reliability Yes; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Yes Yes Yes Yes To mm Height 100 mm Depth 75 mm Weights	Remark	
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 Mechanics/material Enclosure material (front) Plastic Piastic Piastic Yes; Class 2 for high reliability Yes; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A To mm Height 70 mm Height 100 mm Depth 75 mm Weights	conditions acc. to EN 60721, EN 60654-4 and	
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 Mechanics/material Enclosure material (front) Plastic Plastic Pimensions Width 70 mm Height 100 mm Depth 75 mm Weights	Conformal coating	
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 Mechanics/material Enclosure material (front) Plastic Plastic Yes; Conformal coating, Class A To mm Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Yes; Conformal coating, Class A To mm Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A Yes; Conformal coating, Class A To male the service life Yes; Conformal coating, Class A 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	•	Yes; Class 2 for high reliability
● Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830A Mechanics/material Enclosure material (front) ● Plastic Plastic Yes Dimensions Width 70 mm Height Depth Depth 75 mm Weights	 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
Compound for Printed Board Assemblies according to IPC-CC-830A Mechanics/material Enclosure material (front)	 Military testing according to MIL-I-46058C, Amendment 7 	Yes; Discoloration of coating possible during service life
Enclosure material (front) Plastic Plastic Yes Dimensions Width 70 mm Height 100 mm Depth 75 mm Weights	Compound for Printed Board Assemblies according to IPC-	Yes; Conformal coating, Class A
● Plastic Yes Dimensions Width 70 mm Height 100 mm Depth 75 mm Weights ————————————————————————————————————	Mechanics/material	
Dimensions Width 70 mm Height 100 mm Depth 75 mm Weights To me	Enclosure material (front)	
Width 70 mm Height 100 mm Depth 75 mm Weights	Plastic	Yes
Height 100 mm Depth 75 mm Weights	Dimensions	
Depth 75 mm Weights	Width	70 mm
Weights	Height	100 mm
	Depth	75 mm
Weight, approx. 270 g	Weights	
	Weight, approx.	270 g

last modified:

