SIEMENS

Data sheet

6AG1522-1BH01-7AB0



SIPLUS S7-1500 DQ 16x 24VDC/ 0.5A based on 6ES7522-1BH01-0AB0 with conformal coating, -40...+70 °C, digital output module, 16 channels in groups of 8; 4 A per group; single-channel diagnostics; substitute value

Figure similar

General information	
Product type designation	DQ 16x24VDC/0.5A HF
Firmware version	
• FW update possible	Yes
based on	6ES7522-1BH01-0AB0
Product function	
• I&M data	Yes; I&M0 to I&M3
Isochronous mode	Yes
Prioritized startup	Yes
Engineering with	
STEP 7 TIA Portal configurable/integrated from version	see entry ID: 109746275
Operating mode	
• DQ	Yes
• DQ with energy-saving function	No
• PWM	No
• Oversampling	No
• MSO	Yes
Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes; through internal protection with 7 A per group
Input current	
Current consumption, max.	30 mA
output voltage / header	
Rated value (DC)	24 V
Power	
Power consumption from the backplane bus	1.1 W
Power loss	
Power loss, typ.	2 W
Digital outputs	
Type of digital output	Transistor
Number of digital outputs	16
Current-sourcing	Yes
Digital outputs, parameterizable	Yes
Short-circuit protection	Yes; Clocked electronically
Response threshold, typ.	1 A
Limitation of inductive shutdown voltage to	L+ (-53 V)
Controlling a digital input	Yes

Switching capacity of the outputs	
 with resistive load, max. 	0.5 A
 on lamp load, max. 	5 W
Load resistance range	
lower limit	48 Ω
● upper limit	12 kΩ
Output voltage	
• for signal "1", min.	L+ (-0.8 V)
Output current	
 for signal "1" rated value 	0.5 A
 for signal "1" permissible range, max. 	0.5 A
• for signal "0" residual current, max.	0.5 mA
Output delay with resistive load	
• "0" to "1", max.	100 µs
• "1" to "0", max.	500 μs
Parallel switching of two outputs	500 µ3
for logic links	Yes
-	
 for uprating for redundant control of a load 	No
for redundant control of a load	Yes
Switching frequency	
with resistive load, max.	100 Hz
• with inductive load, max.	0.5 Hz; According to IEC 60947-5-1, DC-13
• on lamp load, max.	10 Hz
Total current of the outputs	
Current per channel, max.	0.5 A; see additional description in the manual
Current per group, max.	4 A; see additional description in the manual
Current per module, max.	8 A; see additional description in the manual
Cable length	
 shielded, max. 	1 000 m
 unshielded, max. 	600 m
Isochronous mode	
Execution and activation time (TCO), min.	70 µs
Bus cycle time (TDP), min.	250 µs
Interrupts/diagnostics/status information	
Diagnostics function	Yes
Substitute values connectable	Yes
Alarms	
Diagnostic alarm	Yes
Diagnoses	
Monitoring the supply voltage	
J - FF J J -	Yes
Wire-break	Yes Yes
• Wire-break	Yes
• Wire-break • Short-circuit	Yes Yes
Wire-breakShort-circuitGroup error	Yes
Wire-break Short-circuit Group error Diagnostics indication LED	Yes Yes Yes
Wire-break Short-circuit Group error Diagnostics indication LED RUN LED	Yes Yes Yes Yes; green LED
Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED	Yes Yes Yes Yes; green LED Yes; red LED
Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED)	Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED
Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; green LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; green LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation channels 	Yes Yes Yes Yes Yes; green LED Yes; red LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation channels between the channels 	Yes Yes Yes Yes Yes; green LED Yes; red LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation channels between the channels between the channels, in groups of 	Yes Yes Yes Yes Yes; green LED Yes; red LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics for module diagnostics Potential separation channels between the channels, in groups of between the channels and backplane bus 	Yes Yes Yes Yes Yes; green LED Yes; red LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation channels between the channels between the channels, in groups of 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics for module diagnostics Potential separation channels between the channels, in groups of between the channels and backplane bus 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics Potential separation Potential separation channels between the channels between the channels and backplane bus 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED
 Wire-break Short-circuit Group error Diagnostics indication LED RUN LED RUN LED ERROR LED Monitoring of the supply voltage (PWR-LED) Channel status display for channel diagnostics for module diagnostics for module diagnostics Potential separation Potential separation channels between the channels between the channels, in groups of between the channels and backplane bus Isolation 	Yes Yes Yes Yes Yes; green LED Yes; green LED Yes; green LED Yes; green LED Yes; red LED Yes; red LED Yes; red LED Yes; red LED

Ambient temperature during operation horizontal installation, min. horizontal installation, max. -40 °C; = Tmin (incl. condensation/frost) 70 °C; = Tmax; see Derating BasedOn (e.g. manual), additionally Tmax > 60 max. aggregate current 2 A per group Altitude during operation relating to sea level Installation altitude above sea level, max. Ambient air temperature-barometric pressure-altitude Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin ([CO2 eq]	
• horizontal installation, min. -40 °C; = Traix; see Derating BasedOn (e.g., manual), additionally Traix > 60 Attude during operation relating to sea level	 global warming potential, (after end of life cycle) [CO2 eq] 	-0.231 kg
Abrizontal installation, min. Ao "C; = Trmin (incl. conferention(rest) Trmax; see Derating Based/On (e.g., manual), additionally Trmax > 60 max. aggregate current 2 A per group Athude during operation relating to sea level Anabient air temperature-barometric pressure-altitude Ambient air temperature-barometric pressure-altitude Autor at to 5000 m + 35000 m + 25000 m + 25	nbient conditions	
horizontal instalation, max. Arbitet during operation relating to sea level instalation altitude above sea level, max. S000 m instalation altitude above sea level, max. S000 m into intrast 11 40 hPa 795 hPa (1 000 m 42 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 43 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 000 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 0 00 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 0 00 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 0 00 m) 45 000 m) // Tmin (Tmax -20 K at 56 hPa (2 0 00 m) 45 000 m) // Tmin (Tmax -20 K at 50 m) m 500 m) // Tmin (Tmax -20 K at 50 m) m 500 m 500 m) // Tmin (Tmax -20 K at 50 m) m 500	mbient temperature during operation	
max. aggregate current 2 A per group Altide during operation relating to sea level, max. • Ambient air temperature-barometric pressure-altitude • Ambient air temperature-barometric pressure-altitude • With condensation, tested in accordance with EC 60088- 2-38, max. 5 000 m +3 000 m +3 000 m).// Tmin (Tmax. 20 k at 589 hPa (-1000 m +3 000 m).// Tmin (Tmax. 20 k at 589 hPa (-100 km) +5 000 m). Relative humidity • With condensation, tested in accordance with EC 60088- 2-38, max. 100 %: RH lind. condensation / frost (no commissioning in bedewed state). mortoratal installation Resistance • Colonins and lubricants • Wes; Class 322 mold, fungus and dry rot spores (with the exception of fauna) Colars 332 mold. fungus and dry rot spores (with the exception of fauna) Class 324 incl. sand, dust, * • To biologically active substances according to EN 60721-3-3 • Yes; Class 324 incl. sand, dust, * • Doilogically active substances according to EN 60721-3-6 • Yes; Class 623 (RM < 75 %) incl. sait spray acc. to EN 60068-2-52 (severity degree 3).* • Doilogically active substances according to EN 60721-3-6 • Yes; Class 623 incl. sand, dust, * • Doilogically active substances according to EN	 horizontal installation, min. 	
• Installation altitude above sea level, max. 5 000 m • Ambient air temperature-barometric pressure-altitude TminTmax at 140 hB2688 hPa (+2 000 m +2 000 m) // Tmin(Tmax -20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 756 hPa 50 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 hPA (+2 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 hPA (+2 000 m) // Tmin(Tmax +20 Naite 10 K at 750 hPa (+2 000 m) +5 000 hPA (+2 000 hPA (+2 00 hPA (+2 00 hPA (+2 00 hPA (+2 00	horizontal installation, max.	70 °C; = Tmax; see Derating BasedOn (e.g. manual), additionally Tmax > 60 °C max. aggregate current 2 A per group
Ambient air temperature-barometric pressure-altitude Tmin Tmax at1 140 PBa795 Fbg (140 DBm +2 000 Dm +2	Ititude during operation relating to sea level	
- 10 Ky at 795 hPa 563 hPa (+2 2007 m +3 500 m)) // Tmin (Tmax -20 K at 563 hPa (+2 2007 m +3 500 m)) Relative humidity • Vihit condensation, tested in accordance with IEC 60085- 2-38, max. 100 %; RH ind. condensation / frost (no commissioning in bedewed state), horizontal installation Resistance	 Installation altitude above sea level, max. 	5 000 m
With condensation, tested in accordance with IEC 60068- 2-39, max. Resistance Coolants and lubricants	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)
2.3, max. horizontal installation Resistance Colonts and lubricants	Relative humidity	
Coolants and lubricants		
Resistant to commercially available coolants and lubricants Yes; Incl. desel and oil droplets in the air Use in stationary industrial systems	Resistance	
lubricants Institutionary industrial systems Use in stationary industrial systems Class 3B2 mold, fungus and dry rot spores (with the exception of fauna) Obstitutionary industrial systems 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);*	Coolants and lubricants	
→ 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); * Use on ships/at sea Yes; Class 3C4 incl. sand, dust, * → to biologically active substances according to EN 60721-3-3 Yes; Class 3C4 mol 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 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 themically 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 themically active substances acc. to EN 60721-3-6 Yes; Class 3 (accluding trichlorethylene) ● Chrivitonmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04 Yes; Class 3 (accluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3 C4 permissible); level LC3 (salt spray) and level LB3 (oil) Remark * The supplied plug covers must remain in place over the unused interfaces divide partition acc. to EN 60664-3 • Protection against fouli		Yes; Incl. diesel and oil droplets in the air
60721-3-3 Class 3B3 on request		
60721-3-3 degree 3); * to mechanically active substances according to EN Yes; Class 3S4 incl. sand, dust, * 00721-3-3 Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request to biologically active substances according to EN Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request to chemically active substances according to EN Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *		Class 3B3 on request
60721-3-3 Value on ships/at sea to biologically active substances according to EN Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request to chemically active substances according to EN Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *		
to biologically active substances according to EN 60721-3-6Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request to chemically active substances according to EN 60721-3-6Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degres 3); * to mechanically active substances according to EN 60721-3-6Yes; Class 6S3 incl. sand, dust; * baginst chemically active substances acc. to EN 60654-4Yes; Class 3 (excluding trichlorethylene) Against chemically active substances acc. to EN 60654-4Yes; 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 60664-4 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 61086Yes; Class 2 for high reliability Protection against fouling acc. to EN 60664-3 • Protection against fouling acc. to EN 60664-3 • Coatings for printed dreat Insulating Compound for Printed Board Assemblies according to IPC- C-230AYes; Class A Coatings for • Coatings for printed dreat Insulating Compound for Printed Board Assemblies according to IPC- C-2430AYes; Conformal coating, Class A Note regarding to MIL-1-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- C-2430AYes; Conformal coating, Class A Strippe		Yes; Class 3S4 incl. sand, dust, *
60721-3-6 request — to chemically active substances according to EN Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *	Use on ships/at sea	
60721-3-6degree 3); * to mechanically active substances according to EN 60721-3-6Yes; Class 6S3 incl. sand, dust; *Usage in industrial process technology		
60721-3-6MarketUsage in industrial process technology— Against chemically active substances acc. to EN 60654-4Yes; Class 3 (excluding trichlorethylene)— Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04Yes; 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 61086Yes; Class 2 for high reliability• Coatings for printed circuit board assemblies acc. to EN 61086Yes; Class 2 for high reliability• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-8-30AYes; Conformal coating, Class AWidth35 mmHeight147 mmDepth129 mm		
Against chemically active substances acc. to EN 60654-4Yes; Class 3 (excluding trichlorethylene) Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04Yes; 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* The supplied plug covers must remain in place over the unused interfaces during operation!• Coatings for printed circuit board assemblies acc. to EN 61086Yes; Class 2 for high reliability• Coatings for printed circuit board assemblies acc. to EN 61086Yes; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class A• Military testing according to MIL-1-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830AYes; Conformal coating, Class AvintensionsVinth35 mmHeight147 mmDepth129 mm		Yes; Class 6S3 incl. sand, dust; *
60654-4Yes; 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* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coatingYes; Class 2 for high reliability0 Coatings for printed circuit board assemblies acc. to EN 61086Yes; Type 1 protection Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class AImmensionsYes; Conformal coating, Class AWidth35 mmHeight147 mmDepth129 mm	Usage in industrial process technology	
and control systems acc. to ANSI/ISA-71.04concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)Remark		Yes; Class 3 (excluding trichlorethylene)
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* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces during operation!Conformal coating* The supplied plug covers must remain in place over the unused interfaces the supplication and performance of Electrical Assemblies acc. to EN 6064-3 CC-830AYes; Class 2 for high reliability Yes; Discoloration of coating possible during service life Yes; Conformal coating, Class Atimensions* The supplied plug covers must remain in place over the unused interfaces 35 mmWidth35 mmHeight147 mmDepth129 mm		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-71.04during operation!Conformal coating• Coatings for printed circuit board assemblies acc. to EN 61086Yes; Class 2 for high reliability• Protection against fouling acc. to EN 60664-3Yes; Type 1 protection• Military testing according to MIL-I-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830AYes; Conformal coating, Class AVidth35 mmHeight147 mmDepth129 mm		
• Coatings for printed circuit board assemblies acc. to EN 61086Yes; Class 2 for high reliability• Protection against fouling acc. to EN 60664-3Yes; Type 1 protection• Military testing according to MIL-I-46058C, Amendment 7 • Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830AYes; Conformal coating, Class A• Width35 mmHeight147 mmDepth129 mm	conditions acc. to EN 60721, EN 60654-4 and	
61086Frotection against fouling acc. to EN 60664-3Yes; Type 1 protection• Military testing according to MIL-I-46058C, Amendment 7Yes; Discoloration of coating possible during service life• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830AYes; Conformal coating, Class A• Military testing according to MIL-I-46058C, Amendment 7Yes; Conformal coating, Class A• Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830AYes; Conformal coating, Class A• Midth35 mm• Height147 mm• Depth129 mm	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 Vimensions Width 45 mm 47 mm Depth 129 mm 		Yes; Class 2 for high reliability
Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830A Vinensions Width Height Depth Yes; Conformal coating, Class A Yes; Conformal coating, Class A 147 mm 147 mm 129 mm	 Protection against fouling acc. to EN 60664-3 	Yes; Type 1 protection
Compound for Printed Board Assemblies according to IPC- CC-830A Image: CC-830A imensions 35 mm Width 35 mm Height 147 mm Depth 129 mm	 Military testing according to MIL-I-46058C, Amendment 7 	Yes; Discoloration of coating possible during service life
Width35 mmHeight147 mmDepth129 mm	Compound for Printed Board Assemblies according to IPC-	Yes; Conformal coating, Class A
Height 147 mm Depth 129 mm	mensions	
Depth 129 mm		35 mm
	Vidth	147
Veights		
	leight	
Weight, approx. 230 g	leight	

EMV	EG-Konf. For use in hazardous		Maritime application	Environment	
	EG-Konf.	СН		UL	
Miscellaneous	CE	UK CA	<u>Manufacturer Declara-</u> <u>tion</u>	ዉ	KC
Approvals / Certificates General Product App					EMV
			UNSPSC	15	32-15-17-05
			IDEA	4	3566
			ETIM	7	EC001419
			ETIM	8	EC001419
			ETIM	9	EC001419
			eClass eClass	7.1 6	27-24-22-04 27-24-22-04
			eClass	8	27-24-22-04
			eClass	9	27-24-22-04
			eClass	9.1	27-24-22-04
			eClass	12	27-24-22-04

last modified:

10/9/2024 🖸