SIEMENS

Data sheet

6AG1132-6BF00-7CA0



SIPLUS ET 200SP -40...+70°C start up temperature: -25°C with conformal coating based on 6ES7132-6BF00-0CA0 . digital output module, DQ 8x 24VDC/0.5A High Feature suitable for BU type A0, Color code CC02, channel diagnostics

Product type designation DQ 8x24 V DC/0.5 A HF Firmware version V1.2 • FW update possible Yes usable BaseUnits BU type A0 Color code for module-specific color identification plate CC02 Product function CO2 • I&M data Yes; I&M0 to I&M3 • Isochronous mode Yes Engineering with • • PROFINET from GSD version/GSD revision GSD Revision 5 • PROFINET from GSD version/GSD revision GSDML V2.3 Operating mode • • DQ Yes • DQ with energy-saving function No • NSO Yes Supply voltage Yes 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 Input current Current consumption, max. 45 mA; without load Output voltage Power loss Power loss, typ. 1 W Address space per module, max. 1 byte; + 1 byte for Ql information	General information	
• FW update possible Yes usable BaseUnits BU type A0 Color code for module-specific color identification plate CC02 Product function CC02 • I&M data Yes; I&M0 to I&M3 • I&M data Yes; I&M0 to I&M3 • IRCOFIBUS from GSD version/GSD revision GSD Revision 5 • PROFIBUS from GSD version/GSD revision GSDR LV2.3 Operating mode • • DQ Yes • DQ with energy-saving function No • NSO Yes Suppty voltage Rated value (DC) Permissible range, lower limit (DC) 24 V permissible range, upper limit (DC) 28.8 V Reverse polarity protection Yes Input current Current consumption, max. Current loss, typ. 1 W Address space per module 1 byte; + 1 byte for QI information Viations space per module 8 Current-sinking No <td>Product type designation</td> <td>DQ 8x24 V DC/0.5 A HF</td>	Product type designation	DQ 8x24 V DC/0.5 A HF
usable BaseUnits BU type A0 Color code for module-specific color identification plate CC02 Product function CC02 • I&M data Yes; I&M0 to I&M3 • Isochronous mode Yes Engineering with • • PROFINET from GSD version/GSD revision GSD Revision 5 • PROFINET from GSD version/GSD revision GSDML V2.3 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, lower limit (DC) 28.8 V Reverse polarity protection Yes Input current Current consumption, max. 45 mA; without load Output voltage Rated value (DC) 24 V Power loss Power loss, typ. 1 W Address space per mod	Firmware version	V1.2
Color code for module-specific color identification plate CC02 Product function ************************************	 FW update possible 	Yes
Product function I&M data Yes; I&M0 to I&M3 Isochronous mode Yes Engineering with • PROFIBUS from GSD version/GSD revision GSD Revision 5 • PROFINET from GSD version/GSD revision GSDML V2.3 Operating mode • DQ Yes • DQ Yes • DQ Yes • 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 Input current Current consumption, max. 45 mA; without load Output voltage Rated value (DC) 24 V Power loss Power loss, typ. 1 W Address space per module	usable BaseUnits	BU type A0
• I&M data Yes; I&M0 to I&M3 • Isochronous mode Yes Engineering with • • PROFIBUS from GSD version/GSD revision GSD Revision 5 • PROFINET from GSD version/GSD revision GSDML V2.3 Operating mode • • DQ Yes • DQ with energy-saving function No • PVWM No • Oversampling Yes • MSO Yes Supply voltage • Rated value (DC) 24 V permissible range, lower limit (DC) 28.8 V Reverse polarity protection Yes Input current • Current consumption, max. 45 mA; without load Output voltage • Rated value (DC) 24 V Power loss, typ. 1 W Address space per module • • Address space per module, max. 1 byte; + 1 byte for QI information Digital outputs 8 Number of digital outputs 8 Current-sinking No	Color code for module-specific color identification plate	CC02
• Isochronous mode Yes Engineering with	Product function	
Engineering with PROFIBUS from GSD version/GSD revision GSD Revision 5 PROFINET from GSD version/GSD revision GSDML V2.3 Operating mode DQ Yes DQ with energy-saving function No Oversampling No Oversampling 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 Input current Current consumption, max. 45 mA; without load Outy voltage Rated value (DC) 24 V permissible range, upper limit (DC) 28.8 V Reverse polarity protection Yes Input current Current consumption, max. 45 mA; without load Output voltage Rated value (DC) 24 V Power loss Power loss, typ. 1 W Address space per module, max. 1 byte; + 1 byte for QI information Digital outputs Number of digital outputs 8 Current-sinking No No<td> I&M data </td><td>Yes; I&M0 to I&M3</td>	 I&M data 	Yes; I&M0 to I&M3
PROFIBUS from GSD version/GSD revision GSD Revision 5 GSDML V2.3 Operating mode OQ GQDML V2.3 Operating mode OQ Ves DQ Ves Ves VVM No Oversampling No Oversampling No Oversampling No Oversampling Provisible range, lower limit (DC) Permissible range, lower limit (DC) Permissible range, upper limit (DC) Z8.8 V Reverse polarity protection Yes Input current Current consumption, max. 45 mA; without load Output voltage Rated value (DC) 24 V Power loss Power loss Power loss Address space per module, max. 1 byte; + 1 byte for Ql information Digital outputs Number of digital outputs 8 Current-sinking No	Isochronous mode	Yes
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Reverse polarity protectionYesInput currentCurrent consumption, max.45 mA; without loadOutput voltageRated value (DC)24 VPower lossPower loss, typ.1 WAddress areaAddress space per module1 byte; + 1 byte for QI informationDigital outputsNumber of digital outputs8Current-sinking	permissible range, lower limit (DC)	19.2 V
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Address space per module, max. 1 byte; + 1 byte for QI information Digital outputs Number of digital outputs 8 Current-sinking No	Address area	
Digital outputs Number of digital outputs 8 Current-sinking No	Address space per module	
Number of digital outputs 8 Current-sinking No	 Address space per module, max. 	1 byte; + 1 byte for QI information
Current-sinking No	Digital outputs	
	Number of digital outputs	8
Current-sourcing Yes	Current-sinking	No
	Current-sourcing	Yes
Digital outputs, parameterizable Yes	Digital outputs, parameterizable	Yes

Shof-cruit protection e Response threshold, typ e Response threshold,	Short circuit protection	
Limitation of inductive shutdown voltage to intervent of the source of t		0.7 to 1.2 A
Controlling a digital input Yes Switching acagacity of the outputs 5 A • on lamp load, max. 5 W Load resistance range 5 W • over limit 4 S D • over limit 12 kD Output dealy with resistive load 0.5 A • or signal "1" rated value 0.5 A • or signal "1" rated value 0.5 A • or signal "1" rated value 0.1 mA Output dealy with resistive load 00 µs • "1" or "7, hp. 50 µs • Or up rating No • for redundant control of a load Yes Switching frequency • • with indictive load, max. 100 Hz • Urer hold, max. 60 a • Ourren hold, max. 60 A • Ourren hold, max. 60 A • ourren hold, max. 600 m • deal elardhild • • urer hold, max. 600 m • deal elardhild, max. 600 m • deal elard		
Switching capacity of the outputs 0.5 A • on lamp load, max. 5 W Load resistance range 5 W • lower limit 43.0 • or signal "1" rade value 0.5 A • or redundant control of a load Yes Switching frequency No • with induke to load, max. 2 Hz • on lamp load, max. 2 Hz • on lamp load, max. 0.5 A • Current per nodule No • for redundant control of a load Yes Total current of the outputs per module) No • or redundant control of a load Yes		
• with resistive load, max.0.5 Å• on lamp load, max.5 WLoad resistance range48 Ω• upper limit12 kOOutput current0.5 Å• or signal "1" rated value0.5 Å• or upstingNo• or upstingNo• or readmat control of a loadYesSwitching frequency100 Hz• with inductive load, max.100 Hz• or ratem of the outputs100 Hz• Current per module, max.4 Å• Current per module, max.4 Å• Current per module, max.4 Å• Catel current of the outputs (per module)1000 m• up to 60 °C, max.4 Å• enableidod, max.1000 m• bindiedod, max.1000 m• bindiedod, max.1000 m• bindiedod, max.1000 m• bindiedod, max.1000 m• bind		165
• or lamp load, max. 5 W Load resistance range • • or signal "1" radie value 0.5 A • for signal "1" radie value 0.5 A • or signal "1" radie value 0.1 mA Output delay with resistive load 0.0 up # artis of "1" or "1", "p. 50 up • or redundant control of a load Yes # or redundant control of a load Yes Switching frequency • • with inductive load, max. 100 Hz • urent per module, max. 100 Hz • Current per module, max. 4 A • Current per module, max. 4 A • or sitelided, max. 600 m • urbit of 0", max. 4 A • extential installation • • urbit of 0", max. 600 m • urbit of 0", max. 600 m • urbit of 0", max. 600 m • urbito		0.5.4
Load resistance range • lower limit 48 Ω • upper limit 12 kΩ Output tournent 0.5 A • for signal "17 residual current, max. 0.1 mA Output clasky with resistive load 0.1 mA • Or to signal "0" residual current, max. 0.1 mA • Or to signal of two outputs 50 µs • of ro redundant control of a load Yes Switching frequency • • with resistive load, max. 2 Hz • with inductive load, max. 2 Hz • on lamp load, max. 10 Hz • with inductive load, max. 4 A • Current per module, max. 0.5 A • Current per module, max. 4 A • Total current of the outputs 0.5 A • Current per module, max. 4 A Total current of the outputs (per module) • horizontal installation up to 60 °C, max. 4 A Cable lengit • anishielded, max. 600 m • shielded, max. 600 ps Horizontal so information • Sincharmedia Execution and achivation time		
 ever limit 48.0 eupper limit 12.kO Output current of ro signal "1" rated value 0.5.A Output current Output class with resistive load of ro printing No of ror redundant control of a load Yes Stathing frequency with resistive load, max. 100 Hz with rot pod, max. 20 Hz on lamp load, max. 100 Hz with inductive load, max. 100 Hz Current per channel, max. 0.5 A Current per channel, max. 4.A Total current of the outputs (gre: module) botzontal installation - up to 80 °C, max. 4.A Cable length elabeload, max. 1000 m subsclue time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Thermpissidignostics/attaus information Diagnostics function Yes Alarms Diagnostics function Yes Monitoring the supply voltage Yes Monitoring the supply voltage (PWR-LED) Yes; channel by channel Score, enter (LDD) For channel status		5 W
 upper limit 12 kQ Output tournet for signal '1' rated value 0.5 A 0.5 A 0.6 ro signal '1' rated value 6 ro rotation control of a load Yees Switching frequency with inductive load, max. 100 Hz with inductive load, max. 100 Hz with inductive load, max. 100 Hz current per module, max. 0.5 A Current per module, max. 4 A Total current of the outputs (per module) rotal current of the outputs (per	5	48.0
Output current 0.5 A • for signal "1" rated value 0.5 A • Or signal "1" residual current, max. 0.1 mA Output delay with resistive lead • • "0" to "1", typ. 100 µs Paralet switching of two outputs • • for reparing No • for redundant control of a head Yes Switching frequency • • with resistive load, max. 100 Hz • Current per channel, max. 0.5 A • Current per channel, max. 4A Total current of the outputs (per module) • • nurshielded, max. 4A vertical installation - - up to 60 °C, max. 4A Cable length • • shielded, max. 600 m		
 for signal "1" relativable 0.5 A for signal "0" residual current, max. 0.1 mA Output delay with resistive load "0" to "1"; typ. 50 µs "1" to "0; typ. 100 µs Parallel switching of two outputs for runchant control of a load Yes Switching frequency with inductive load, max. 100 Hz Current per module, max. 0.5 A Current per module, max. 4 A Total current of the outputs (per module) horizontal installation 		12 132
 for signal '0' residual current, max. 0.1 mA Output delay with resistive lead "0' to '1', tpp. 50 µS "1' to '0', tpp. 100 µS Parallel switching of two outputs for uprating No for redundant control of a load Yes Switching frequency with resistive lead, max. 100 Hz on lamp load, max. 2 Hz on lamp load, max. 100 Hz on lamp load, max. 0.5 A Current per channel, max. 0.5 A Current per channel, max. 4 A Total current of the outputs (per module) horizontal installation - up to 60 °C, max. 4 A Cable length shelded, max. 1000 m on shelded, max. 000 m shelded, max. shelde	· · ·	0.5.4
Output delay with resistive load • "0" to "1", tp. 50 µs • "1" to "0", tp. 100 µs Parallel switching of two outputs	-	
• "0" to "1", typ. 50 μs • for 'up change 100 μs Paralet switching of two outputs 100 μs • for redundant control of a load Yes Switching frequency 100 Hz • with inductive load, max. 104 Hz • with inductive load, max. 104 Hz • with inductive load, max. 104 Hz • on lamp load, max. 104 Hz • on lamp load, max. 104 Hz • Current per channel, max. 0.5 A • Current per module, max. 4 A • Total current of the outputs (per module) • botizontal installation - - up to 60 °C, max. 4 A • of 0 of		0.111/
• *1' to '0', 'ty. 100 µs Parallel switching of two outputs • for updrafig No • for redundant control of a load Yes Switching frequency • (100 Hz • with resistive load, max. 100 Hz • with inductive load, max. 100 Hz • with inductive load, max. 100 Hz • on lamp load, max. 10 Hz • Current per channel, max. 0.5 A • Current per module, max. 4 A Total current of the outputs (per module) • (100 m) horizontal installation - up to 60 °C, max. - up to 60 °C, max. 4 A Cable length - up to 60 °C, max. • shielded, max. 600 m • subsided, max. 600 m • Logostic function Yes Subsidiut values connectable Yes • Us gode time (TDP), min. 500 µs • Diagnostic shard Yes Diagnostic shard Yes • Diagnostic shard Yes; channel by channel • Short circuit Yes; channel by channel • Short circuit Yes; channel by channel		50 us
Parallel switching of two outputs No • for redundant contol of a load Yes Switching frequency • with resistive load, max. 100 Hz • with inductive load, max. 10 Hz • on lamp load, max. • on lamp load, max. • on lamp load, max. • Current per channel, max. • Current per module, max. • Current per module, max. • Total current of the outputs • or the ordputs (per module) horizontal installation - up to 60 °C, max. 4 A Cable length • shelded, max. 1 soldched, max. 600 m sbackided, max. 1 soldched, max. 600 m sbackided, max. 1 soldched, max. 1 soldcheded, max. biognostics function sbackided, max. 1 soldcheded, max. 1 sol		
• for uprating No • ior redundant control of a load Yes Switching frequency		100 μ0
 for redundant control of a load Yes Switching frequency with inductive load, max. 100 Hz with inductive load, max. 101 Hz current per channel, max. 0.5 Å Current per channel, max. 0.5 Å Current per module, max. 0.5 Å Current per module, max. 0.5 Å Current per module, max. 4 Å Total current of the outputs (per module) horizontal installation - up to 60 °C, max. 4 Å Cable length - up to 60 °C, max. 4 Å Cable length - up to 60 °C, max. 4 Å Cable length shielded, max. 000 m sochronous mode Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information Diagnostic sfunction Yes Alarms Diagnostic alarm Yes Diagnostic alarm Yes Diagnostic alarm Yes, channel by channel Group error Yes Diagnostic alarm Yes, channel by channel Cichannel status display Yes, channel by channel Cichannel status display Yes; green PWR LED Yes; green PWR LED Yes; green PWR LED Potential asparation channels Yes; green PWR LED Potential asparation chan		No
Switching frequency • • with resistive load, max. 100 Hz • on lamp load, max. 10 Hz Total current of the outputs 0.5 A • Current per channel, max. 0.5 A • Current per channel, max. 4 A Total current of the outputs (per module) • horizontal installation - - up to 60 °C, max. 4 A Cable length • • shielded, max. 1 000 m • outper outputs 600 m Isochronous mode Execution and activation time (TCO), min. Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information Yes Diagnostics function Yes Substitute values connectable Yes Atarms • • Diagnostic function LED Yes, channel by channel • Short-circuit Yes, channel by channel • Group error Yes Diagnostis function LED Yes; green PWR LED • Contanel status display Yes; green PWR LED • Corannel status display Yes;		
• with resistive load, max. 100 Hz • with inductive load, max. 2 Hz • or lamp load, max. 10 Hz Total current of the outputs 0.5 A • Current per channel, max. 0.5 A • Current per module, max. 4 A Total current of the outputs (per module) - horizontal installation up to 60 °C, max. 4 A vertical installation up to 60 °C, max. up to 60 °C, max. 4 A Cable length up to 60 °C, max. • shielded, max. 1000 m • unshielded, max. 600 m • unshielded, max. 000 ps • unshielded, max. 600 ps • Substitute values connectable Yes Alarms up to 60 °C, max. • Diagnostics function Yes • Substitute values connectable Yes Alarms		
 with inductive load, max. 2 Hz on lamp load, max. 10 Hz Total current of the outputs Current per channel, max. 0.5 A Current per module, max. 4 A Total current of the outputs (per module) horizontal installation 		100 Hz
• on lamp load, max. 10 Hz Total current of the outputs 0.5 A • Current per channel, max. 4 A Total current of the outputs (per module) + A horizontal installation - up to 60 °C, max. 4 A vertical installation - up to 60 °C, max. 4 A vertical installation - up to 60 °C, max. 4 A Cable length - up to 60 °C, max. 600 m • shielded, max. 1000 m 000 m • unshielded, max. 600 m 000 m sochronous mode - Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs - Interrupts/diagnostics/status information Yes - Diagnostic alarm Yes - O biagnostic alarm Yes - O biagnostic alarm Yes - O biagnostic alarm Yes, channel by channel - O biagnostic alarm Yes; channel by channel - O biagnostic alarm Yes; green PWR LED - O forthrid		
Total current of the outputs 0.5 A • Current per channel, max. 0.5 A • Current per module, max. 4 A Total current of the outputs (per module) 0.5 A horizontal installation up to 60 °C, max. up to 60 °C, max. 4 A Cable length - • shielded, max. 1000 m • unshielded, max. 600 m Isochronous mode - Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information - Diagnostic struction Yes Substitut evalues connectable Yes Diagnostic alarm Yes Oblight of the supply voltage Yes; channel by channel • Short-circuit Yes; green PWR LED • Channel status display Yes; gree		
Current per nodule, max. O.5 A Current per module, max. A Coursent per module, max. A Total current of the outputs (per module) horizontal installation		10112
Current per module, max. 4 A Total current of the outputs (per module) horizontal installation		0.5.4
Total current of the outputs (per module) horizontal installation up to 60 °C, max. 4 A vertical installation up to 60 °C, max. 4 A Cable length • shielded, max. 1000 m • unshielded, max. 600 m Isochronous mode Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information 1000 m Diagnostics function Yes Alarms • • Diagnostic alarm Yes • Diagnostic alarm Yes • Monitoring the supply voltage Yes • Monitoring of the supply voltage Yes • Nire-break Yes; channel by channel • Short-circuit Yes; green PWR LED • Annel status display Yes; green LED • Monitoring of the supply voltage (PWR-LED) Yes; green LED • Channel status display Yes; green LED • Kort channel diagnostics Yes; green VR LED • For manuel diagnostics Yes; green/red DIAG LED Potential separation Yes; green/red DIAG		
horizontal installation		
	· · · · · · · · · · · · · · · · · · ·	
vertical installation 4 A Cable length 1000 m • shielded, max. 600 m Isochronous mode 600 m Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information 1000 m Diagnostic function Yes Substitute values connectable Yes Alarms 9 • Diagnostic function Yes Diagnostic alarm Yes Diagnostic side with the supply voltage Yes • Monitoring the supply voltage Yes; channel by channel • Stort-circuit Yes; channel by channel • Group error Yes Diagnostics indication LED Yes; green PWR LED • Channel status display Yes; green PUR LED • for channel diagnostics Yes; green LED • for channel diagnostics Yes; red LED • for module diagnostics Yes; green/red DIAG LED • for module diagnostics Yes; green/red DIAG LED • for module diagnostics Yes; green/red DIAG LED • between the channels No •		4 Δ
up to 60 °C, max. 4 A Cable length		
Cable length shielded, max. unshielded, max. 600 m tsochronous mode Execution and activation time (TCO), min. 48 µs Bus cycle time (TDP), min. 500 µs Interrupts/diagnostics/status information Diagnostics function Yes Substitute values connectable Yes Diagnostic alarm Yes Diagnostic alarm Yes Diagnostic alarm Yes Diagnoses Monitoring the supply voltage Yes; channel by channel Short-circuit Yes; channel by channel Short-circuit Yes; channel by channel Group error Yes; green PWR LED Channel status display Yes; green PWR LED Channel diagnostics Yes; green LED Yes; green LED Yes; red LED Yes; green LED Yes; green LED Yes; green LED Yes; green/red DIAG LED Potential separation Detween the channels between the channels and backplane bus Yes Permissible potential difference Potential di		4 Δ
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	between different circuits	75 V DC/60 V AC (base isolation)

Isolation	
Isolation tested with	707 V DC (type test)
Ambient conditions	
Ambient temperature during operation	
horizontal installation, min.	-40 °C; = Tmin (incl. condensation/frost)
 horizontal installation, max. 	70 °C; = Tmax; > +60 °C max. total current 1.0 A
 vertical installation, min. 	-40 °C; = Tmin
 vertical installation, max. 	50 °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, *
 Against mechanical environmental conditions acc. to EN 60721-3-3 	Yes; Class 3M8 using the SIPLUS Mounting Kit ET 200SP (6AG1193- 6AA00-0AA0)
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; *
 Against mechanical environmental conditions acc. to EN 60721-3-6 	Yes; Class 6M4 using the SIPLUS Mounting Kit ET 200SP (6AG1193-6AA00-0AA0)
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 Military testing according to MIL-I-46058C, Amendment 7 	Yes; Type 1 protection 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	15 mm
Height	73 mm
Depth	58 mm
Weights	
Weight, approx.	30 g

last modified: