SIEMENS

Data sheet

6GK5206-1BB10-2AA3

Product type designation



SCALANCE X206-1

SCALANCE X206-1, MANAGED IE SWITCH, 6 X 10/100MBIT/S RJ45 PORTS, 1 X 100MBIT/S MULTIMODE BFOC, LED DIAGNOSTICS, ERROR SIGNAL CONTACT WITH SET BUTTON, REDUNDANT POWER SUPPLY, PROFINET-IO DEVICE, NETWORK MANAGEMENT, INTEGRATED REDUNDANCY MANAGER, INCL. ELECTRONIC MANUAL ON CD, C-PLUG OPTIONAL

Transmission rate		
Transfer rate	10 Mbit/s, 100 Mbit/s	
Interfaces / for communication / integrated		
Number of electrical connections		
 for network components or terminal equipment 	6	
Number of 100 Mbit/s ST(BFOC) ports		
• for multimode	1	
Number of 100 Mbit/s SC ports		
• for multimode	0	
Number of 1000 Mbit/s LC ports		
• for multimode	0	
• for single mode (LD)	0	
Interfaces / others		
Number of electrical connections		
• for signaling contact	1	
• for power supply	1	
for redundant voltage supply	1	

Type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	4 pole terrimai biock
C-PLUG	Yes
♥ C-PLUG	165
Signal-Inputs/outputs	
Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external	18 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.22 A
Power loss [W]	
• at DC / at 24 V	5.28 W
Permitted ambient conditions	
Ambient temperature	
during operation	-40 +60 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
during transport Relative humidity	-40 +/0 °C
	95 %
Relative humidity	
Relative humidity • at 25 °C / without condensation / during	
Relative humidity • at 25 °C / without condensation / during operation / maximum	95 %
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design	95 % IP30 compact
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width	95 % IP30 compact 60 mm
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height	95 % IP30 compact 60 mm 125 mm
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth	95 % IP30 compact 60 mm 125 mm 124 mm
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth Net weight	95 % IP30 compact 60 mm 125 mm
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth	95 % IP30 compact 60 mm 125 mm 124 mm 0.78 kg
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth Net weight	95 % IP30 compact 60 mm 125 mm 124 mm
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth Net weight Mounting type	95 % IP30 compact 60 mm 125 mm 124 mm 0.78 kg
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth Net weight Mounting type • 35 mm DIN rail mounting	95 % IP30 compact 60 mm 125 mm 124 mm 0.78 kg Yes
Relative humidity • at 25 °C / without condensation / during operation / maximum Protection class IP Design, dimensions and weight Design Width Height Depth Net weight Mounting type • 35 mm DIN rail mounting • wall mounting	95 % IP30 compact 60 mm 125 mm 124 mm 0.78 kg Yes Yes

Product properties, functions, components / general	
Cascading in the case of a redundant ring / at	100
reconfiguration time of <\~0.3\~s	
Cascading in cases of star topology	any (depending only on signal propagation time)
Product functions / management, configuration	
Product function	
• CLI	Yes
web-based management	Yes
MIB support	Yes
• TRAPs via email	Yes
 Configuration with STEP 7 	Yes
Port mirroring	Yes
 multiport mirroring 	No
with IRT / PROFINET IO switch	No
 PROFINET IO diagnosis 	Yes
• switch-managed	Yes
Protocol / is supported	
● Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
Identification & maintenance function	
I&M0 - device-specific information	Yes
 I&M1 – higher-level designation/location 	Yes
designation	
Product functions / Diagnosis	
Product function	
Port diagnostics	Yes
Statistics Packet Size	Yes
Statistics packet type	Yes
• Error statistics	Yes
Product functions / DHCP	
Product function	
DHCP client	Yes

Product function Ring redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy protocol (MRP) Product function Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/operation in the PRP-network Passive listening Yes Product functions / Security Protocol / is supported SSH Yes Product functions / Time Product functions / Time Product function / SicLOCK support Protocol / is supported SICLOCK support No No No No SICLOCK supported No No No No No SICLOCK supported No	Product functions / Redundancy	
Inligh Speed Redundancy Protocol (HRP)		
* high speed redundancy protocol (HRP) with redundancy manager * high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function * media redundancy protocol (MRP) with redundancy manager * Parallel Redundancy Protocol (PRP)/operation in the PRF-network * Parallel Redundancy Protocol (PRP)/operation in the PRF-network * Parallel Redundancy Protocol (PRP)/operation in the PRF-network * Parallel Redundancy Protocol (PRP)/Fedundant Network Access (RNA) * Passive listening Product functions / Security Protocol / is supported * SSH Protocol / is supported * SSH Protocol / is supported * NO ** SICLOCK support Protocol / is supported * NTP * SNTP ** SNTP ** SNTP Standard ** for FM ** for hazardous zone ** for nazardous zone ** for nazardous zone ** for safety / from CSA and UL * for nazardous zone / from CSA and UL * for emitted interference * for interference immunity * for one munity * for one munity * for one munity * for one munity * for one for interference immunity * for for for for suitability / CE marking Certificate of suitability / CE marking Certificate of suitability / CE marking Product function **Ves **Totocol / is supported **Yes **Totocol / is supported **Yes **Totocol / is supported **SSH **Yes **Totocol / is supported **SSH **Yes **SH **Product functions / Security **Product functions / Security **Product functions / Security **Yes **SH **Product functions / Security **Product functions / Security **Yes **SH	Ring redundancy	Yes
redundancy manager • high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (No • Passive listening * Yes **Product functions / Security * Product functions / Security * Product functions / Time * Product functions / Security * Yes * Standard in Supported • NTP • SNTP * No • Find 11: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 • for hazardous zone • for hazardous zone • for hazardous zone / from CSA and UL • for hazardous zone / from CSA and UL • for hazardous zone / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity EN 61000-6-2:2001 (Class A) • for interference immunity EN 61000-6-2:2001, EN 61000-6-4:2001	High Speed Redundancy Protocol (HRP)	Yes
high speed redundancy protocol (HRP) with standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy protocol (MRP) with redundancy protocol (PRP) (peration in the PRP-network Parallel Redundancy Protocol (PRP) (peration in the PRP-network Parallel Redundancy Protocol (PRP)	 high speed redundancy protocol (HRP) with 	Yes
standby redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) • Passive listening Protocol / is supported • SSH Product functions / Security Protocol / is supported • SSH Product functions / Time Product function • SICLOCK support • NTP • SNTP No • SNTP Standard • for FM • for hazardous zone • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability / CE marking Certificate of suitability / CE marking Ves Yes Yes Yes Yes Yes Yes Yes	redundancy manager	
Protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) • Passive listening Protocol / is supported • SSH Product functions / Security Protocol / is supported • SSH Product functions / Time Product function • SICLOCK support • NTP Protocol / is supported • NTP • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for hazardous zone / from CSA and UL • for mitted interference • for interference immunity Certificate of suitability / CE marking Certificate of suitability / CE marking Certificate of suitability Pyes Yes Yes Yes Yes Yes Yes Yes	 high speed redundancy protocol (HRP) with 	No
(MRP) Product function • media redundancy protocol (MRP) with redundancy manager • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundant Network Access (RNA) • Parasive listening Product functions / Security Protocol / is supported • SSH Product functions / Time Product functions / Time Product function • SICLOCK support • NTP • SNTP No • SNTP Standards specifications, approvals Standard • for FM • for hazardous zone • for or safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity Certificate of suitability / CE marking Ves Yes Yes Yes Yes Yes Protocol / is supported • NTP • NO • SNTP No • SNTP ANSI / IClass 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity EN 61000-6-2:2001, EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability / CE marking Certificate of suitability / CE marking Certificate of suitability / CE marking Protocol (PRP)/operation Yes Yes Yes Yes Yes Yes AND / CERTIFICATION / ACCES		
media redundancy protocol (MRP) with redundancy manager Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) Passive listening Yes Product functions / Security Protocol / is supported SSH Product functions / Time Product function SICLOCK support Protocol / is supported NTP No SNTP Standards, specifications, approvals Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X U. 60950-1, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, A, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D T4, CL. 1 / Zone 2 / GP, B, C, D		Yes
redundancy manager Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundancy Protocol (PRP)/Redundant Network Access (RNA) Passive listening Protocol / is supported SSH Product functions / Security Protocol / is supported SICLOCK support Protocol / is supported No SICLOCK support Protocol / is supported NTP SNTP No SNTP Postradiancy specifications, approvals Standard For FM Find a provided (PRP)/Operation (PRP)/Operati	Product function	
in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) Passive listening Yes Protocol / is supported SSH Yes Product functions / Security Product functions / Time Product functions / Time Product function SICLOCK support Yes Protocol / is supported No SICLOCK support Yes Standards, specifications, approvals Standard For FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 For hazardous zone FM 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X For hazardous zone / from CSA and UL For hazardous zone /		Yes
(PRP)/Redundant Network Access (RNA) Passive listening Product functions / Security Protocol / is supported SSH Product functions / Time Product functions / Time Product function / SICLOCK support Protocol / is supported NTP SNTP No SNTP No SNTP Yes Standards, specifications, approvals Standard for FM for hazardous zone for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL for hazardous zone / from CSA and UL for emitted interference for interference immunity Certificate of suitability / CE marking Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001 EN SHOOLOGE Yes Yes Product functions / Security Yes Product functions / Yes Produ		Yes
Product functions / Security Protocol / is supported		No
Product functions / Time Product function • SICLOCK support Protocol / is supported • NTP • SNTP Standards, specifications, approvals Standard • for FM • for hazardous zone • for safety / from CSA and UL • for emitted interference • for emitted of suitability / CE marking Certificate of suitability Protocol / is supported Yes Yes Yes Yes Yes No No Protocol / is supported Yes Protocol / is supported Yes Yes Protocol / is supported Yes Protocol / is supported Yes No No Protocol / is supported Yes Protocol / is supported Yes Product functions / Time Yes Product functions / Yes Product function No Product function Yes Product function ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Product function Product fun	Passive listening	Yes
Product functions / Time Product function SICLOCK support Protocol / is supported No SNTP No SITP STANDARD Yes Standard FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1 For safety / from CSA and UL For hazardous zone / from CSA and UL For hazardous zone / from CSA and UL For emitted interference For interference immunity EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability	Product functions / Security	
Product functions / Time Product function SICLOCK support Protocol / is supported No SNTP No SSTAND Standards, specifications, approvals Standard for FM for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL for interference for emitted interference for interference immunity Certificate of suitability / CE marking Yes Yes No Yes FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1 ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-4:2001	Protocol / is supported	
Product function SICLOCK support Protocol / is supported NTP SNTP No SNTP Standards, specifications, approvals Standard for FM for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 FN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X for safety / from CSA and UL for hazardous zone / from CSA and UL for hazardous zone / from CSA and UL for centificate interference for interference immunity EN 61000-6-4:2001 (Class A) FN 61000-6-2:2001, EN 61000-6-4:2001 EN 61000-6-2:2001, EN 61000-6-4:2001	• SSH	Yes
Standards, specifications, approvals Standard • for FM • for hazardous zone • for safety / from CSA and UL • for emitted interference • for emitted interference immunity Certificate of suitability PNO No Yes No Yes PM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1 ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 EN 61000-6-2:2001, EN 61000-6-4:2001	Product functions / Time	
Protocol / is supported No No Standards, specifications, approvals Standard for FM for hazardous zone for safety / from CSA and UL for hazardous zone / from CSA and UL FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL. 1, Zone 2, GP. IIC, T4 EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X UL 60950-1, CSA C22.2 No. 60950-1 ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 for emitted interference FN 61000-6-4:2001 (Class A) FN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	Product function	
 NTP SNTP Yes Standards, specifications, approvals Standard for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X for safety / from CSA and UL for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 for emitted interference for interference immunity EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001 	 SICLOCK support 	Yes
● SNTP Standards, specifications, approvals Standard ● for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ● for safety / from CSA and UL ● for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 ● for emitted interference EN 61000-6-4:2001 (Class A) ● for interference immunity EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	Protocol / is supported	
Standards, specifications, approvals Standard • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 • for emitted interference • for interference immunity EN 61000-6-4:2001 (Class A) Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• NTP	No
Standard	• SNTP	Yes
 ◆ for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 ♦ for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ♦ for safety / from CSA and UL ♦ for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 ♦ for emitted interference ♠ for interference immunity EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability 	Standards, specifications, approvals	
 GP. IIC, T4 ● for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 (2) G Ex nA [op is] IIC T4, KEMA 07 ATEX 0145 X ● for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 ● for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 ● for emitted interference EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001 	Standard	
T4, KEMA 07 ATEX 0145 X • for safety / from CSA and UL • for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 • for emitted interference • for interference immunity EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• for FM	
 ◆ for hazardous zone / from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 ◆ for emitted interference EN 61000-6-4:2001 (Class A) EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001 	• for hazardous zone	
GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 ● for emitted interference EN 61000-6-4:2001 (Class A) ● for interference immunity EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
● for interference immunity EN 61000-6-2:2001 Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• for hazardous zone / from CSA and UL	
Certificate of suitability / CE marking Yes Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• for emitted interference	EN 61000-6-4:2001 (Class A)
Certificate of suitability EN 61000-6-2:2001, EN 61000-6-4:2001	• for interference immunity	EN 61000-6-2:2001
	Certificate of suitability / CE marking	Yes
• C-Tick Yes	Certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
	• C-Tick	Yes

 Railway application in accordance with EN 50155 	No
 Railway application in accordance with EN 50124-1 	No
KC approval	Yes
Marine classification association	
 American Bureau of Shipping Europe Ltd. (ABS) 	Yes
Bureau Veritas (BV)	Yes
 Det Norske Veritas (DNV) 	Yes
Germanische Lloyd (GL)	Yes
 Lloyds Register of Shipping (LRS) 	Yes
 Nippon Kaiji Kyokai (NK) 	Yes
 Polski Rejestr Statkow (PRS) 	Yes
 Royal Institution of Naval Architects (RINA) 	No
MTBF / at 40 °C	78.71 y

Further Information / Internet Links

Internet-Link

• to website: Selector SIMATIC NET SELECTION TOOL

• to website: Industrial communication

• to website: Industry Mall

• to website: Information and Download Center

• to website: Image database

• to website: CAx Download Manager

• to website: Industry Online Support

http://www.siemens.com/snst

http://www.siemens.com/simatic-net

https://mall.industry.siemens.com

http://www.siemens.com/industry/infocenter

http://automation.siemens.com/bilddb

http://www.siemens.com/cax

https://support.industry.siemens.com

Security information

Security information

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