SIEMENS

Data sheet

6GK7277-1AA10-0AA0



Compact Switch Module CSM 1277 for connecting SIMATIC S7-1200 and up to 3 further nodes to Industrial Ethernet with 10/100 Mbit/s; unmanaged switch, 4 RJ45 ports, ext. 24 V DC power supply LED diagnostics, S7-1200 module incl. electronic Equipment Manual on CD-ROM.

meduat two designation	SCALANCE CSM 1277
product type designation transfer rate	SCALANCE CSM 12/7
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / maximum configuration for mod	
	4
number of electrical ports / maximum	4
interfaces / for communication / integrated	
number of electrical connections	
for network components or terminal equipment	4
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 / other	
number of electrical connections	
for power supply	1
type of electrical connection	
for power supply	3-pole terminal block
supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage	DC
 supply voltage / 1 / rated value 	24 V
 power loss [W] / 1 / rated value 	1.6 W
 supply voltage / 1 / rated value 	19.2 28.8 V
 consumed current / 1 / maximum 	0.07 A
 type of electrical connection / 1 / for power supply 	3-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
 fuse protection type / 1 / at input for supply voltage 	0.5 A / 60 V
ambient conditions	
ambient temperature	
 during operation 	0 60 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20
design, dimensions and weights	
design	SIMATIC S7-1200 device design
width	45 mm
height	100 mm

depth 75 mm net weight 0.15 g a 1.5 mm top hat DIN rail mounting Yes • 3.5 mm top hat DIN rail mounting Yes • 67-00 rail mounting No • 75-00 rail mounting No • 75-00 rail mounting No • 75-00 rail mounting No • railing fractions Seminos fractions • railing fractions Seminos fractions • rainall fractions No • rainalls fractions No • rainalls fractions Yes • rainals fractions Yes </th <th></th> <th></th>			
faseing method visit • • Sim in pip hal DIN rail recursing Visit • • Sim in pip hal DIN rail recursing Visit • • Si 7-1000 rail mounting No • • Or value functions / management, configuration, angineering Product function / value/managed • • routing of watch managed No • routing of watch managed No • routing of reading of the product function / value/managed No • routing of reading of the product function / value/managed No • routing of reading of the product function / value/managed No • routing of reading of the product function / value/managed No • routing of reading of the product function / value/managed Yes • or saftely / from CSA and UL U, big CSA C22 2 No. 142 • or saftely / from CSA and UL U, big CSA C22 2 No. 142 • or saftely / from CSA and UL U, big CSA C22 2 No. 142 • or saftely / from CSA and UL U, big CSA C22 2 No. 142 • or saftely / from CSA and UL U, big CSA C22 2 No. 142 • or saftely from CSA and UL U, big CSA C22 No. 142 • or saftely / from CSA and UL U, big CSA C22 No. 142 • or safte	depth	75 mm	
esion top hat DN rat DN rat DN rat Pour and Pour Pour Pour Pour Pour Pour Pour Pour	net weight	0.15 kg	
• version requirements Version • version requirements No • version requirements Version • version requirements No • version requirements <t< td=""><td>fastening method</td><td></td></t<>	fastening method		
• 67. 300 rail rounding No product functions / management_configuration, engineering model product functions / management_configuration, engineering No product functions / management_configuration, engineering No product functions / management_configuration, engineering No product functions / management_configuration No product functions / management_configuration No • Arabital Redundancy Protocol (PRP)/spectation in the PRP-mesory. No • Arabital Redundancy Protocol (PRP)/spectation in t	 35 mm top hat DIN rail mounting 	Yes	
• 67.1500 rail moving No product functions / management, configuration, engineering No • multipot functions / redundancy No product functions / redundancy Yes • famile Redundancy Protocol (PRP) spenation in the PRP-returb. No • famile Redundancy Protocol (PRP) spenation in the PRP-returb. No • famile Redundancy Protocol (PRP) spenation in the PRP-returb. No • famile Redundancy Protocol (PRP) Properation in the PRP-returb. No • famile Redundancy Protocol (PRP) Properation in the PRP-returb. No • famile Redundancy Protocol (PRP) Properation in the PRP-returb. No • famile Redundancy Protocol (PRP) Properation in the PRP-returb. PROVE • famile Redundancy Protocol (PRP) Properation in the PRP-returb. PROVE • famile Redundancy Protocol (PRP) Properation in the PROVE PROVE • famile Redundancy Protocol (PRP) Properation in the PROVE PROVE • famile Redundancy Protocol (PRP) Properation in the PROVE PROVE • famile Redundancy Protocol (PROVE) PROVE • famile Redundancy Protocol (PROVE) PROVE • famile Redundancy Protocol (PROVE) PROVE • famile Redundancy Protocol (P	wall mounting	Yes	
product functions remains f management, configuration, engineering product function No product function No product function No product function No product function Paralel Redundancy Protocol (PRP)/peration in the PRP network Product function Protocol (PRP)/peration in the PRP network No Address spectrations, approvale standards spectration (PRP)/Protocol (PRP)/Peration in the PRP network No Address spectrations, approvale standards spectration (PRP)/Protocol (PRP)/Peration in the PRP network • for rift Function (PRP)/Protocol (PRP)/Peration (PRP) • for rifted Redundancy Protocol (PRP)/Peration (PRP) PM0611: Class 1, Division 2, Group A, B, C, D / T., CL 1, Zone 2, GP. HC, T., Ta • for rifted redundancy Protocol (PRP)/Peration (PRP) EN 05000-62 MTBF 273 a reference immunity EN 05000-62 MTBF 273 a enforce of satisfier (PR) FE standards, specifications, approvals / fazardous zone according to CB standard / specifications, approvals / fazardous zone according to CB standard / specifications, approvals / fazardous zone according to CB standard / specificati	S7-300 rail mounting	No	
product functions remains f management, configuration, engineering product function No product function No product function No product function No product function Paralel Redundancy Protocol (PRP)/peration in the PRP network Product function Protocol (PRP)/peration in the PRP network No Address spectrations, approvale standards spectration (PRP)/Protocol (PRP)/Peration in the PRP network No Address spectrations, approvale standards spectration (PRP)/Protocol (PRP)/Peration in the PRP network • for rift Function (PRP)/Protocol (PRP)/Peration (PRP) • for rifted Redundancy Protocol (PRP)/Peration (PRP) PM0611: Class 1, Division 2, Group A, B, C, D / T., CL 1, Zone 2, GP. HC, T., Ta • for rifted redundancy Protocol (PRP)/Peration (PRP) EN 05000-62 MTBF 273 a reference immunity EN 05000-62 MTBF 273 a enforce of satisfier (PR) FE standards, specifications, approvals / fazardous zone according to CB standard / specifications, approvals / fazardous zone according to CB standard / specifications, approvals / fazardous zone according to CB standard / specificati		No	
product function	, in the second s		
No product function / switch-managed Yes product function / switch-managed No - Paralle Redundancy Potobol (PRP)/peparation in the PRP-rebook. No - Acardial Redundancy Potobol (PRP)/Redundant Network Access (RNA) No - Acardial Redundancy Potobol (PRP)/Redundant Network Access (RNA) No - Adardation supportation supportation in the PRP-rebook. No - Acardial Redundancy Potobol (PRP)/Redundant Network Access (RNA) No - Adardation supportation supportation in the INTER - Adardation supportation in the INTER - Adardation supportation Supportation in the INTER - No - Adardation supportation Supportation INTER - EN 61000-6-2 - Adardation supportation Supportation Supportation INTER - Adardation Supportation Support Support Supportation Support Support Supportation Supportation			
product function / switch-managed No product function * Parallel Redundancy or product function * Parallel Redundancy * Parallel Redundancy Protocol (PRP)Redundant Network No * Arallel Redundancy Protocol (PRP)Redundant Network No * Arallel Redundancy Protocol (PRP)Redundant Network No * for FIM PMSB11: Class 1, Division 2, Group A, B, C, D / T., CL 1, Zone 2, GP. IIC, T., Ta, Ta, So (222 No. 142 • for rankey / from CSA and UL UL S80, CSA (222 No. 142 • for rankey / from CSA and UL EN 81000-84 (Class A) • for rankey / from CSA and UL EN 81000-84 (Class A) • for interference Immunity EN 81000-84 (Class A) • for interference Immunity EN 8100078-15-2005, EN 600078-0-2006, II 3 G Ex nA II 74, KEMA 08 ATEX • according to IEC 81348-22019 KFE * atandards, specifications, approvals / Azardous anvironments EN 800078-15-2005, EN 600078-0-2006, II 3 G Ex nA II 74, KEMA 08 ATEX • Certificate of suitability / CE marking Yes EN 800078-0-2006, II 3 G Ex nA II 74, KEMA 08 ATEX • CCC/ for hazardous zone according to GB standard / so marking EN 81000-6-2, EN 61000-6-4 • CCC/ for hazardous zone according to GB standard / so marking EN 81000-6		No	
product functions / redundancy product function + Braile Redundancy Protocol (PRP)reperation in the PRP-relaxWix + Braile Redundancy Protocol (PRP)redundant Network Access (RNA) standards, specifications, approvals if or smitted interference if or smitted interference if or smitted interference if or interference immunity if or interference immunity <tr< td=""><td></td><td></td></tr<>			
product function Predict function Predi		NO	
Papallel Relundancy Protocol (PRP)/Redundant Network Papallel Redundancy Protocol (PRP)/Redundant Network No Standards, spacefications, approvals standard			
PP2-retrook No - Paraller Rodundancy Protocol (PRP)/Rodundant Network Access (RNA) No standards. specifications, approvals FM3611: Class 1, Divison 2, Group A, B, C, D / T., CL.1, Zone 2, GP. IIC, T., Ta standards. specifications, approvals FM3611: Class 1, Divison 2, Group A, B, C, D / T., CL.1, Zone 2, GP. IIC, T., Ta of or safely / from CSA and UL UL 608, CSA C222 No. 142 of or interference immunity EN 61000-6-12 MTBF 273 a reference code - e.cocording to IEC 61346-2 KF according to IEC 61346-2.2019 KF E standards. specifications, approvals / CE KF E standards. specifications, approvals / CE KF E standards. specifications, approvals / CE KF E standards. specifications, approvals / Divardous environments EN 600079-15/2005, EN 600079-0.2006, II 3 G Ex nA II T4, KEMA 08 ATEX oxOS / for hazardous zone according to GB standard / so marking Yes certificate of suitability EN 61000-6-2, EN 61000-6-4 c-CCA (for hazardous zone according to GB standard / as marking specifications, approvals / astinction Ko standards.geoeffications, approvals / astinction Yes certificate of suitability EN 61000-6-4, Yes c-CCA (for hazardous zone according to GB standard / as marking specifications, approvals / astinction specifi			
• Parallel Redundancy Protocol (PRP)/Redundant Network No standards, specifications, approvals FMS811: Class 1, Divison 2, Group A, B, C, D / T., CL, 1, Zone 2, GP, IIC, T., Ta • for FM FMS811: Class 1, Divison 2, Group A, B, C, D / T., CL, 1, Zone 2, GP, IIC, T., Ta • for emitted interference EN 81000-6-4 (Class A) • for interference immunity EN 81000-6-4 (Class A) • TEFF 273 a reference code KF • according to IEC 81345-2 (CE KF • according to IEC 81345-2 (CE VES standard / for hazardous zone Ves standard / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC / for hazardous zone according to GB standard Yes • CCC		Yes	
Access (RNA) standards. specifications. approvals standard FM3811: Class 1. Division 2, Group A, B, C, D / T., CL 1, Zone 2, GP. IIC, T., a of or safety / from CSA and UL UL 808, CSA C222 No. 142 of or interference immunity EN 61000-64 (class A) etacording to IEC 81346-2.2019 KFE standards. specifications. approvals / CE Certificate of suitability certificate of suitability Ceck (rho hazardous zone according to GB standard / as marking etandards. specifications. approvals / baradrous environments EN 81000-6-4 certificate of suitability Ceck (rho hazardous zone according to GB standard / as marking etandards. specifications. approvals / other EN 81000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 c.CC / for hazardous zone according to GB standard / as marking Yes etandards. specifications. approvals / other EN 81000-6-4 etandards. specifications. approvals / other EN 61000-6-4 etandards. specifications. approvals / other EN 61000-6-2, EN 61000-6-4 etandards. specifications. approvals / other EN 61000-6-2, EN 61000-6-4 etandards. specifications. approvals / other <		No	
standards, specifications, approvals standard if or FM FMS for emitted interference for find (UL, USB, CSA C22, 2No. 142 FM efforted interference		NO	
standard i for FM i for GSA and UL i for entitle interference FN 61000-64. (Class 1, Division 2, Group A, B, C, D / T., CL, 1, Zone 2, GP, IIC, T., Ta i for safety / from CSA and UL i for entitle interference FN 61000-64. (Class A) FN 61000-62 FN 61000-79-12006, II 3 G EX nA II 74, KEMA 08 ATEX FN 61000-79-12006, II 0 G EX 1000-79 FN 76 KA 75 000000 FN			
• for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T, CL, 1, Zone 2, GP, IIC, T., Ta • for safely / from CSA and UL UL 508, CSA C222 No. 142 • for entitled interference EN 61000-6-2 • for interference immunity EN 61000-6-2 • MTBF 273 a • according to IEC 81346-2 KF • according to IEC 81346-1 KF • according to IEC 81346-2 KF • according to IEC 81			
Ta Ta • for safely / fom CSA and UL UL 586, CSA 222, 2 No. 142 • for interference immunity EN 81000-8-2 • MTPF 273 a reference code - • according to IEC 81346-2 KF • according to IEC 81346-22019 KFE standards, specifications, approvals / CE - certificate of suitability / CE marking Yes standards, specifications, approvals / Io22 and/ous environments - standards, specifications, approvals / Io28 standard / sa - standards, specifications, approvals / Io28 standard / sa - • CCC / for hazardous zone according to GB standard / sa - • CCC / for hazardous zone according to GB standard / sa - standards, specifications, approvals / other - certificate of suitability - • CCC / for hazardous zone according to GB standard / sa - standards, specifications, approvals / other - certificate of suitability - • CCC / for hazardous asociation - • CCC / for hazardous asociation according to GB standard / sa - • CCC / for hazardous asociation - <td< td=""><td></td><td>EM2611: Close 1 Divisor 2 Crows A. P. C. D./T. Cl. 4. Zana 2, CD. IIC. T.</td></td<>		EM2611: Close 1 Divisor 2 Crows A. P. C. D./T. Cl. 4. Zana 2, CD. IIC. T.	
• for safety / from CSA and ULUL 508, CSA C22.2 No. 142• for interferenceEN 81000-6-4 (Class A)• for interference inmunityEN 81000-6-2MTBF273 areference code• according to IEC 81346-2KF• according to IEC 81346-22019KF• according to IEC 81346-22019KF• control to IEC 81346-2019KF• control to IEC 81346-2019Ke• control to IEC 81346-2019Ke <td></td> <td></td>			
• for emitted interferenceEN 61000-62 (Class A)• for interference immunity273 areference code273 a• according to IEC 81346-2.2019KF• according to IEC 81346-2.2019KFEstandards, specifications, approvals / CEVesstandards, specifications, approvals / NeuroneoutsVesstandards, specifications, approvals / NeuroneoutsEN 800079-15.2005, EN 800079-0.2006, II 3 G Ex nA II 74, KEMA 08 ATEXstandards, specifications, approvals / NeuroneoutsVescertificate of suitabilityEN 800079-15.2005, EN 600079-0.2006, II 3 G Ex nA II 74, KEMA 08 ATEXcertificate of suitabilityVes• CCC / for hazardous zone according to GB standard / seEN 81000-6-4. Ref Class A, AI II 74 GC• CCC / for hazardous zone according to GB standard / seStandards, specifications, approvals / other• cardificate of suitabilityEN 81000-6-2, EN 61000-6-4• CCC / for hazardous zone according to GB standard / seStandards, specificationa, approvals / other• cardificate of suitabilityEN 81000-6-2, EN 61000-6-4• CCC / for hazardous zone according to GB standard / seYes• cardification associationVes• cardification associationVes• cardification associationYes• cardification associationYes• forench maine classificationYes• forench maine classification society (BV)Yes• forench maine classification society (BV)Yes• forench maine classification society (BV)Yes• forench maine classification add TA Selecti	for safety / from CSA and UI		
• for interference immunity EN 61000-6-2 MTBF 273 a reference code - according to IEC 81346-2 • according to IEC 81346-2.2019 KF standards, specifications, approvals / CE - certificate of suitability / CE marking vesting and for hazardous zone Ves standards, specifications, approvals / hazardous environments EN 800079-15:2005, EN 800079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX octrificate of suitability Certificate of valuability / CE For hazardous zone according to GB standard / se • CCC / for hazardous zone according to GB standard / se Ex n61000-6-2, EN 61000-6-4 • CCC / for hazardous zone according to GB standard / se Yes certificate of suitability EN 61000-6-2, EN 61000-6-4 • CCC / for hazardous zone according to GB standard / se Yes octrifications, approvals / other Ves certificate of suitability EN 61000-6-2, EN 61000-6-4 • CCC / for hazardous zone according to Lds (ABS) Yes • Certifications, approvals / other Yes certifications, approvals / marine classification No Marine classification ascolation Yes • America Bureau of Shippin			
MTBF 273 a reference code - - according to IEC 81346-2 KF - according to IEC 81346-2.2019 KFE standards, specifications, approvals / CE - certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments - standards, specifications, approvals / bazardous environments - standards, specifications, approvals / certificate of suitability Ves - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCC / for hazardous zone according to GB standard - - CCT-Rok Yes - CTrok Yes - CTrok Yes - French maine classification society (BV) Yes - French main			
reference code KF according to IEC 81346-2 KF according to IEC 81346-22019 KFE standards, specifications, approvals / CE Enderds, specifications, approvals / Anzardous environments standards, specifications, approvals / hazardous environments EN 800079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability EN 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability CCC / for hazardous zone according to GB standard Yes certificate of suitability CCC / for hazardous zone according to GB standard / as marking EN 61000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 Yes certificate of suitability Yes No certificate of suitability Yes Yes vice dassification association No Yes ot core dassification society (BV) Yes Yes	· · · · · · · · · · · · · · · · · · ·		
eaccording to IEC 81346-2 e according to IEC 81346-22.019 KF e estandards, specifications, approvals / CE certificate of suitability / CE marking ertificate of suitability / CE marking ertificate of suitability / CE marking ertificate of suitability / CE marking ertifications, approvals / hazardous environments standards, specifications, approvals / hazardous environments certificate of suitability / CF hazardous zone ertificate of suitability / CF hazardous zone according to GB standard / as marking ertificate of suitability / CF hazardous zone according to GB standard / as marking ertificate of suitability erity ertificati ons.ertify ertificate of suita		273 a	
• according to IEC 81346-2:2019 KFE standards, specifications, approvals / CE			
standards, specifications, approvals / CE Yes standards, specifications, approvals / hazardous environments EN 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability EN 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability CCC / for hazardous zone according to GB standard / as arking EX nA IIC T4 Gc arking EX nA IIC T4 Gc standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 • CCC / for hazardous zone according to GB standard / as Ex nA IIC T4 Gc arking No standards, specifications, approvals / other Yes certificate of suitability EN 61000-6-2, EN 61000-6-4 • CC / for hazardous zone according to CB standard / as Arking arking No standards, specifications, approvals / other Yes certificate of suitability EN 61000-6-2, EN 61000-6-4 • CTick Yes • KC approval No standards, specifications, approvals / marine classification Yes • French marine classification	-		
certificate of suitability / CE marking Yes standards, specifications, approvals / hazardous environments EN 600079-15/2005, EN 600079-0/2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability EN 600079-15/2005, EN 600079-0/2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability EN 600079-15/2005, EN 600079-0/2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability EX nA II C T4 Gc extindards, specifications, approvals / other Ex nA II C T4 Gc certificate of suitability EN 61000-6-2, EN 61000-6-4 e.CTick Yes e.CTick Yes e.Trick Yes e.Standards, specifications, approvals / marine classification No standards, specification association EN 61000-6-4 e.Trick Yes e.Cock Verias (DNV) Yes e.Cock Verias (DNV) Yes e.Det Norske Verias (DNV) Yes e.Det Norske Verias (DNV) Yes e.Doyds Register of Shipping (LRS) Yes e.Doyds Register of Shipping (LRS) Yes e.Doyds Register of Shipping (LRS) No e.Doyds Register of Shipping (LRS)		KFE	
standards, spacifications, approvals / hazardous environments standard / for hazardous zone EN 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX 0003 X certificate of suitability EX 600079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX 0003 X certificate of suitability Ex nA II C T4 Gc • CCC / for hazardous zone according to GB standard / as marking Ex nA IIC T4 Gc standards, specifications, approvals / other Ex nA IIC T4 Gc certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification Yes • KC approval No standards, specifications, approvals / marine classification Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Loydys Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Dolski Rejesty Statkow (PRS) No • Royal Institution of Naval Ar	standards, specifications, approvals / CE		
standard / for hazardous zone EN 800079-15:2005, EN 600079-0:2006, II 3 G Ex nA II T4, KEMA 08 ATEX certificate of suitability CCC / for hazardous zone according to GB standard CCC / for hazardous zone according to GB standard / as marking Ex nA IIC T4 Gc standards, specifications, approvals / other Ex nA IIC T4 Gc certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • C-Tick Yes • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • Germanische Lloyd (GL) No • Loyds Register of Shipping (LRS) Yes • No Yes • Nopon Kaji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further information / internet links to website: Industry Mail to website: Industry Mailager <lito cax-download-manager<="" li="" website:=""> <lito< td=""><td>certificate of suitability / CE marking</td><td>Yes</td></lito<></lito>	certificate of suitability / CE marking	Yes	
0003 X certificate of suitability • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking standards, specifications, approvals / other certificate of suitability EN 61000-6-2, EN 61000-6-4 • C.Tick Yes • Loyds Register of Shipping (LRS) Yes • Loyds Register of Shipping (LRS) Yes • Royal Institution of Naval Architects (RINA) No	standards, specifications, approvals / hazardous environments		
• CCC / for hazardous zone according to GB standard / as marking Yes • CCC / for hazardous zone according to GB standard / as marking Ex nA IIC T4 Gc standards, specifications, approvals / other EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • CA approval No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specification association Yes • Chorsk Veritas (DNV) Yes • Det Norsk Veritas (DNV) Yes • Cermanische Lloyd (GL) No • Loyds Register of Shipping (LRS) Yes • Nippon Kaji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further information / internet links Internet link • to website: Industrial communication http://www.siemens.com/industry/infocenter • to website: Industrial comm	standard / for hazardous zone		
• CCC / for hazardous zone according to GB standard / as Ex nA IIC T4 Gc standards, specifications, approvals / other Ex N6 1000-6-2, EN 61000-6-4 certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval No standards, specifications, approvals / marine classification No standards, specifications, approvals / marine classification No standards, specification association Yes • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Germanische Lloyd (GL) No • Nippon Kaiji Kyokai (NK) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejester Statkow (PRS) No • No No further Information / Internet Inks Internet Ink • to web page: selection aid TIA Selection Tool http://www.siemens.com/ita-selection-tool • to website: Industrial communication http://www.siemens.com/ita-selection-tool • to website: Industrial communication http://www.siemens.com/ita-selection-tool • to website: Industrial communication http://www.sieme	certificate of suitability		
standards, specifications, approvals / other certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval No standards, specifications, approvals / marine classification Marine classification association • KC approval No standards, specifications, approvals / marine classification Yes • KC approval Yes • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Germanische Lloyd (CL) No • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further Information / Internet link Internet link • to website: Industrial communication http://www.siemens.com/tia-selection-tool • to website: Industry Mall http://www.siemens.com/simatic-net • to website: Industry Mall http://www.siemens.com/simatic-net • to website: Industry Mall http://www.siemens.com/simatic-net • to website: Industry Mala	 CCC / for hazardous zone according to GB standard 	Yes	
standards, specifications, approvals / other certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval No standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Det Norske Veritas (DNV) Yes • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • No Yes • Nopon Kaiji Kyokai (NK) Yes • Royal Institution of Naval Architects (RINA) No further information / internet link No • to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool • to website: Industrial communication http://www.siemens.com/simatic-net • to website: Industry Mail http://www.siemens.com/simatic-net • to website: Information and Download Center http://www.siemens.com/simatic-net • to website: Information and Download Center http://www.siemens.com/simatic-net • to website: Information and Download Center http://www.siem	•	Ex nA IIC T4 Gc	
certificate of suitability EN 61000-6-2, EN 61000-6-4 • C-Tick Yes • KC approval No standards, specifications, approvals / marine classification No standards, specification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Germanische Lloyd (GL) No • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further Information / Internet link http://www.siemens.com/tia-selection-tool • to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool • to website: Industry Mall http://www.siemens.com/tia-selection-tool • to website: Industry Mall http://www.siemens.com/tia-selection-tool • to website: Information and Download Center http://www.siemens.com/toidstry/infocenter • to website: Information and Download Center http://www.siemens.com/toidstp • to website: Information and Download Center http:/			
• C-Tick Yes • KC approval No standards, specifications, approvals / marine classification Image: Cassification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • No No • Loyds Register of Shipping (LRS) Yes • No No No further information / internet links No • to web page: selection aid TIA Selection Tool http://www.siemens.com/lia-selection-tool • to website: Industry Mall http://www.siemens.com/lidustry/infocenter • to website: Information and D		EN 61000 6.2. EN 61000 6.4	
• KC approval No standards, specifications, approvals / marine classification Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Lloyds Register of Shipping (LRS) No • Nippon Kaiji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further information / internet link Internet link • to web page: selection aid TIA Selection Tool http://www.siemens.com/ila-selection-lool • to website: Industrial communication http://www.siemens.com/industry.infocenter • to website: Industrial communication http://www.siemens.com/industry.infocenter • to website: Industry Mall http://www.siemens.com/industry.infocenter • to website: Industry Mall http://www.siemens.com/industry.infocenter • to website: Industry Mall http://www.siemens.com/industry.infocenter • to website: Industry Online Support http:			
standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Yes Det Norske Veritas (DNV) Yes Germanische Lloyd (GL) No Lloyds Register of Shipping (LRS) Yes Nippon Kaiji Kyokai (NK) Yes Polski Rejestr Statkow (PRS) No Royal Institution of Naval Architects (RINA) further information / internet links internet link to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool to website: Industrial communication http://www.siemens.com/ia-selection-tool to website: Information and Download Center to website: Image database to website: CAx-Download-Manager to website: CAx-Download-Manager to website: Industry Online Support http://support.industry.siemens.com			
Marine classification association American Bureau of Shipping Europe Ltd. (ABS) Yes French marine classification society (BV) Yes Det Norske Veritas (DNV) Yes Germanische Lloyd (GL) No Lloyds Register of Shipping (LRS) Yes Nippon Kaiji Kyokai (NK) Yes Polski Rejestr Statkow (PRS) No Royal Institution of Naval Architects (RINA) No Royal Institution of Naval Architects (RINA) No Royal Institution of Naval Architects (RINA) No Royal Institution of Naval Architects (RINA) No Royal Institution of Naval Architects (RINA) No Royal Institution of Naval Architects (RINA) No Internet link to web page: selection aid TIA Selection Tool http://www.siemens.com/simatic-net http://www.siemens.com/simatic-net http://www.siemens.com/simatic-net http://www.siemens.com/sindustry/infocenter ht		No	
American Bureau of Shipping Europe Ltd. (ABS) Yes French marine classification society (BV) Yes Det Norske Veritas (DNV) Yes Cermanische Lloyd (GL) No Cermanische Lloyd (GL) No Lloyds Register of Shipping (LRS) Yes Nippon Kaiji Kyokai (NK) Yes No Polski Rejestr Statkow (PRS) No Royal Institution of Naval Architects (RINA) No further information / internet links internet link to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool to website: Industrial communication http://www.siemens.com/simatic-net to website: Industrial communication Mittp://www.siemens.com/industry/infocenter to website: Information and Download Center http://www.siemens.com/industry/infocenter to website: Inage database http://automation.siemens.com/industry.siemens.com/ to website: CAx-Download-Manager http://www.siemens.com/cax to website: Industry Online Support https://support.industry.siemens.com security information	standards, specifications, approvals / marine classification		
• French marine classification society (BV) Yes • Det Norske Veritas (DNV) Yes • Det Norske Lloyd (GL) No • Germanische Lloyd (GL) No • Lloyds Register of Shipping (LRS) Yes • Nippon Kaiji Kyokai (NK) Yes • Polski Rejestr Statkow (PRS) No • Royal Institution of Naval Architects (RINA) No further information / internet links Internet link • to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool • to web site: Industrial communication http://www.siemens.com/simatic-net • to website: Industrial communication http://www.siemens.com • to website: Information and Download Center http://www.siemens.com/industry/infocenter • to website: Information and Download Center http://www.siemens.com/bilddb • to website: Inage database http://www.siemens.com/bilddb • to website: CAx-Download-Manager http://www.siemens.com/cax • to website: Industry Online Support http://www.siemens.com/cax • to website: Industry Online Support http://www.siemens.com/cax	Marine classification association		
• Det Norske Veritas (DNV)Yes• Germanische Lloyd (GL)No• Lloyds Register of Shipping (LRS)Yes• Nippon Kaiji Kyokai (NK)Yes• Polski Rejestr Statkow (PRS)No• Royal Institution of Naval Architects (RINA)Nofurther information / internet linksInternet link• to web page: selection aid TIA Selection Toolhttp://www.siemens.com/tia-selection-tool• to web site: Industrial communicationhttp://www.siemens.com/simatic-net• to website: Industrial communicationhttp://www.siemens.com/industry/infocenter• to website: Information and Download Centerhttp://www.siemens.com/industry/infocenter• to website: Inage databasehttp://www.siemens.com/industry/infocenter• to website: CAx-Download-Managerhttp://www.siemens.com/cax• to website: Industry Online Supporthttp://www.siemens.com/cax• to website: Industry Online Supporthttp://www.siemens.com/cax	 American Bureau of Shipping Europe Ltd. (ABS) 	Yes	
Germanische Lloyd GL)NoLloyds Register of Shipping (LRS)YesNippon Kaiji Kyokai (NK)YesPolski Rejestr Statkow (PRS)NoRoyal Institution of Naval Architects (RINA)Nofurther information / internet linksInternet linkinternet linkhttp://www.siemens.com/tia-selection-toolto website: Industrial communicationhttp://www.siemens.com/simatic-netto website: Industrial communicationhttp://www.siemens.com/industry/infocenterto website: Industry Mallhttp://www.siemens.com/industry/infocenterto website: Information and Download Centerhttp://www.siemens.com/industry/infocenterto website: Inage databasehttp://www.siemens.com/industry/infocenterto website: Industry Online Supporthttp://www.siemens.com/caxto website: Industry Online Supporthttp://www.siemens.com/cax	 French marine classification society (BV) 	Yes	
Lloyds Register of Shipping (LRS)YesNippon Kaiji Kyokai (NK)YesPolski Rejestr Statkow (PRS)NoRoyal Institution of Naval Architects (RINA)Nofurther information / internet linksinternet linkto web page: selection aid TIA Selection Toolhttp://www.siemens.com/tia-selection-toolto website: Industrial communicationhttp://www.siemens.com/simatic-netto website: Industrial communicationhttp://www.siemens.com/industry/infocenterto website: Information and Download Centerhttp://www.siemens.com/industry/infocenterto website: Image databasehttp://www.siemens.com/ida.selection.toolto website: Industry Online Supporthttp://www.siemens.com/idustry.siemens.com/simatic-nethttp://www.siemens.com/industry.siemens.com/simatic-nethttp://www.siemens.com/industry/infocenterto website: Industry Mallhttp://www.siemens.com/industry/infocenterto website: Industry Online Supporthttp://www.siemens.com/idustry.siemens.com/simatic-netto website: Industry Online Supporthttp://www.siemens.com/caxto website: Industry Online Supporthttp://www.siemens.com/caxto website: Industry Online Supporthttps://support.industry.siemens.com	Det Norske Veritas (DNV)	Yes	
 Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Royal Institution of Naval Architects (RINA) Rover and the second state of the sec	Germanische Lloyd (GL)	No	
 Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Royal Institution of Naval Architects (RINA) Rover and the second state of the sec	 Lloyds Register of Shipping (LRS) 	Yes	
 Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) No further information / internet links internet link to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool to website: Industrial communication http://www.siemens.com/simatic-net to website: Industry Mall http://www.siemens.com/industry/infocenter to website: Image database http://automation.siemens.com/cax to website: Industry Online Support https://support.industry.siemens.com 		Yes	
• Royal Institution of Naval Architects (RINA) No further information / internet links internet link • to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool • to website: Industrial communication http://www.siemens.com/simatic-net • to website: Industry Mall https://mall.industry.siemens.com • to website: Information and Download Center http://www.siemens.com/industry/infocenter • to website: Image database http://www.siemens.com/cax • to website: Industry Online Support http://www.siemens.com/cax		No	
further information / internet links internet link • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mall • to website: Industry Mall • to website: Information and Download Center • http://www.siemens.com/industry/infocenter • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support http://support.industry.siemens.com			
internet link http://www.siemens.com/tia-selection-tool • to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool • to website: Industrial communication http://www.siemens.com/simatic-net • to website: Industry Mall https://mall.industry.siemens.com • to website: Information and Download Center http://www.siemens.com/industry/infocenter • to website: Image database http://automation.siemens.com/bilddb • to website: CAx-Download-Manager http://www.siemens.com/cax • to website: Industry Online Support https://support.industry.siemens.com	•		
to web page: selection aid TIA Selection Tool http://www.siemens.com/tia-selection-tool to website: Industrial communication http://www.siemens.com/simatic-net to website: Industry Mall https://mall.industry.siemens.com to website: Information and Download Center http://www.siemens.com/industry/infocenter to website: Image database http://automation.siemens.com/bilddb to website: CAx-Download-Manager to website: Industry Online Support http://support.industry.siemens.com security information			
• to website: Industrial communication http://www.siemens.com/simatic-net • to website: Industry Mall https://mall.industry.siemens.com • to website: Information and Download Center http://www.siemens.com/industry/infocenter • to website: Image database http://automation.siemens.com/bilddb • to website: CAx-Download-Manager http://www.siemens.com/cax • to website: Industry Online Support http://support.industry.siemens.com security information security information		http://www.siemens.com/tig-selection.tool	
to website: Industry Mall to website: Information and Download Center to website: Image database to website: Image database to website: CAx-Download-Manager to website: Industry Online Support to website: Industry Online Support security information			
to website: Information and Download Center to website: Image database to website: CAx-Download-Manager to website: Industry Online Support to website: Industry Online Support to methy information			
• to website: Image database http://automation.siemens.com/bilddb • to website: CAx-Download-Manager http://www.siemens.com/cax • to website: Industry Online Support https://support.industry.siemens.com security information security information			
to website: CAx-Download-Manager to website: Industry Online Support to website: Industry Online Support to website: Industry Online Support thtps://support.industry.siemens.com	 to website: Information and Download Center 		
to website: Industry Online Support <u>https://support.industry.siemens.com</u> security information	-		
security information	 to website: CAx-Download-Manager 	http://www.siemens.com/cax	
	• to website: Industry Online Support	https://support.industry.siemens.com	
security information Siemens provides products and solutions with industrial security functions that	security information		
	security information	Siemens provides products and solutions with industrial security functions that	

Subject to change without notice © Copyright Siemens support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial security concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial security measures that may be implemented, please visit

https://www.siemens.com/industrialsecurity. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Security RSS Feed under https://www.siemens.com/cert. (V4.6)

last modified:

9/22/2023 🖸