## 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
<ul> <li>supply voltage / 1 / rated value</li> </ul>	24 V
<ul> <li>power loss [W] / 1 / rated value</li> </ul>	1.6 W
<ul> <li>supply voltage / 1 / rated value</li> </ul>	19.2 28.8 V
<ul> <li>consumed current / 1 / maximum</li> </ul>	0.07 A
<ul> <li>type of electrical connection / 1 / for power supply</li> </ul>	3-pole terminal block
<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
<ul> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	0.5 A / 60 V
ambient conditions	
ambient temperature	
<ul> <li>during operation</li> </ul>	0 60 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
relative humidity	
<ul> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	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	<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	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 <ul> <li>CCC / for hazardous zone according to GB standard</li> <li>CCC / for hazardous zone according to GB standard / as</li> <li>marking</li> <li>Ex nA IIC T4 Gc</li> </ul> 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 <ul> <li>to website: Industry Mail</li> <li>to website: Industry Mailager</li> <lito cax-download-manager<="" li="" website:=""> <lito< td=""><td>certificate of suitability / CE marking</td><td>Yes</td></lito<></lito></ul>	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		
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