## SIEMENS

## Data sheet

## 6GK5124-0BA00-2AC2

SCALANCE XC124, Unmanaged IE switch, 24x 10/100 Mbit/s RJ45 ports, LED diagnostics, error-signaling contact with set button, redundant Power supply Manual available as a download



Product type designation	SCALANCE XC124
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces / for communication / Integrated	
Number of electrical connections	
<ul> <li>for network components or terminal equipment</li> </ul>	24; RJ45
Interfaces / other	
Number of electrical connections	
<ul> <li>for signaling contact</li> </ul>	1
• for power supply	1
<ul> <li>for redundant voltage supply</li> </ul>	1
Type of electrical connection	
<ul> <li>for signaling contact</li> </ul>	2-pole terminal block
• for power supply	4-pole terminal block
Signal inputs/outputs	
Operating voltage / of the signaling contacts	
<ul> <li>at DC / Rated value</li> </ul>	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 / minimum	9.6 V
• external / maximum	31.2 V
Supply voltage / 1 / Rated value	12 V
<ul> <li>Supply voltage / 1 / rated value</li> </ul>	9.6 31.2 V
<ul> <li>Type of voltage / 1 / of the supply voltage</li> </ul>	DC
<ul> <li>Consumed current / 1 / at rated supply voltage / maximum</li> </ul>	0.65 A
Supply voltage / 2 / Rated value	24 V
<ul> <li>Supply voltage / 2 / rated value</li> </ul>	9.6 31.2 V
• Type of voltage / 2 / of the supply voltage	DC
<ul> <li>Consumed current / 2 / at rated supply voltage / maximum</li> </ul>	0.325 A
<ul> <li>Power loss [W] / 2 / Rated value</li> </ul>	7.8 W
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	2.5 A / 125 V
Power loss [W]	
• at DC / at 24 V	7.8 W
Ambient conditions	
Ambient temperature	
<ul> <li>during operation</li> </ul>	-40 +70 °C
<ul> <li>during storage</li> </ul>	-40 +85 °C
<ul> <li>during transport</li> </ul>	-40 +85 °C
Relative humidity	
<ul> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP20
Design, dimensions and weight	
Design	compact
Width	120 mm
Height	147 mm
Depth	125 mm
-	
Net weight	0.85 kg
Net weight Material / of the enclosure	0.85 kg Polycarbonate (PC-GF10)
Net weight Material / of the enclosure Mounting type	Polycarbonate (PC-GF10)
Net weight Material / of the enclosure	-

• S7-1500 rail mounting     Yes       Product features, product functions, product components / general       Number of automatically learnable MAC addresses     2048       Product functions     mailable MAC addresses     2048       Product functions     mailable MAC addresses     2048       Product functions     mailable MAC addresses     2048       Product function     number of automatically learnable MAC addresses     No       Product function     No     Product functions / redundancy       Product functions     / redundancy     Yes       Product functions     Product functions, protocol (PRP)/operation in the PRP-network     Yes       • Parallel Redundancy Protocol (PRP/PRedundant Network Access (RNA)     No       Standard     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC 174 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:2011, IEC 6079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC 174 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:2011, IEC 6079-0:2011, IEC 6079-0:2011, IEC 6079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC 174 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA       • for hazardous zone / from CSA and UL     UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T.,, Class 1 / Zone 2 / Group IIC / T.,       • for emitted interference     EEN 61000-6-4 (Class B)       Standards, specifications, approvals / Other     LED Class 1       Certificate of	<ul> <li>S7-300 rail mounting</li> </ul>	Yes
Number of automatically learnable MAC addresses         2048           Product functions / management, configuration, engineering         Product function           Product function         No           CoS         Yes           Product function / switch-managed         No           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function         Parallel Redundancy Protocol         No           (PRP)/Redundant Network Access (RNA)         Yes         No           Standards         Standard         No           for hazardous zone         EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA           itC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         II a G Ex nA           itC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         UL 60950-1, CSA C22.2 No. 60950-1           • for hazardous zone / from CSA and UL         UL 6004 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group IIC / T           • for emitted interference         EN 61000-6-2, EN 61000-6-4           Cettif		Yes
Number of automatically learnable MAC addresses         2048           Product functions / management, configuration, engineering         Product function           Product function         No           CoS         Yes           Product function / switch-managed         No           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function / switch-managed         No           Product functions / redundancy         Yes           Product function         Parallel Redundancy Protocol         No           (PRP)/Redundant Network Access (RNA)         Yes         No           Standards         Standard         No           for hazardous zone         EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA           itC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         II a G Ex nA           itC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         UL 60950-1, CSA C22.2 No. 60950-1           • for hazardous zone / from CSA and UL         UL 6004 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group IIC / T           • for emitted interference         EN 61000-6-2, EN 61000-6-4           Cettif	Product features, product functions, product compo	nents / general
Product function     • multiport mirroring     No       • CoS     Yes       Product function / switch-managed     No       Product function     Product function       • Parallel Redundancy Protocol (PRP)/operation in the PRP-network     Yes       • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     No       Standards, specifications, approvals     Standard       • for hazardous zone     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0- 15:2010       • for safety / from CSA and UL     UL 60950-1, CSA C22.2 No. 60950-1       • for astardous zone / from CSA and UL     UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T., Class 1 / Zone 2 / Group IIC / T., e for emitted interference       Etandards, specifications, approvals / CE       Certificate of suitability / CE marking     Yes       Standards, specifications, approvals / Other       Laser protection class     LED Class 1       Certificate of suitability     EN 61000-6-4       • E1 approval     No       • E1 approval     No       • EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1     Yes       Standards, specifications, approvals / marine classification       Marine classification association     Yes       Standards, specifications, approvals / marine classification		
• multiport mirroring     No       • CoS     Yes       Product function / switch-managed     No       Product functions / redundancy     Product functions       Product function     • Parallel Redundancy Protocol (PRP)/operation in the PPR-network     Yes       • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     Yes       Standards, specifications, approvals     Standardd       Standards     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC 14 Ge, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0: 15:2010       • for hazardous zone     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC 14 Ge, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0: 15:2010       • for safety / from CSA and UL     UL 6096-1, CSA C22.2 No. 60950-1       • for hazardous zone / from CSA and UL     UL 604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T., Class 1 / Zone 2 / Group IIC / T.       • for emitted interference     EN 61000-6-4 (Class B)       Standards, specifications, approvals / Other       Laser protection class     LED Class 1       Certificate of suitability     EN 61000-6-2, EN 61000-6-4       • C-Tick     Yes       • EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1     Yes       • KC approval     Yes       Standards, specifications, approvals / marine classification       Marine classification association • Americans Bureau of Shipping Europe Ltd. (ABS)	Product functions / management, configuration, eng	gineering
Interpret moding     Yes       Product function / switch-managed     No       Product function     Parallel Redundancy Protocol (PRP)/operation in the PRP-network     Yes       • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     Yes       Standards, specifications, approvals     No       Standard     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:15:2010       • for hazardous zone     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:15:2010       • for safety / from CSA and UL     UL 60950-1, CSA C22.2 No. 60950-1       • for safety / from CSA and UL     UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D T., Class 1 / Zone 2 / Group IIC / T       • for emitted interference     EN 61000-6-4 (Class B)       Standards, specifications, approvals / CE     Certificate of suitability / CE marking       Certificate of suitability     Yes       Standards, specifications, approvals / other     LED Class 1       Laser protection class     LED Class 1       Certificate of suitability     Yes       Standards, specifications, approvals / other     Yes       Laser protection class     LED Class 1       Certificate of suitability     Yes       Standards, specifications, approval     Yes       Standards, spe	Product function	
Product function / switch-managed     No       Product function     Product function       • Product function     Yes       in the PRP-network     No       • Parallel Redundancy Protocol (PRP)/operation in the PRP-network     Yes       • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)     No       Standards: specifications, approvals     Standards       Standards     Standards       • for hazardous zone     EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0: 15:2010       • for safety / from CSA and UL     UL 60950-1, CSA C22.2 No. 60950-1       • for ensited interference     EN 61000-6-1, CSA C22.2 No. 60950-1       • for emitted interference     EN 61000-6-4 (Class B)       Standards, specifications, approvals / CE       Certificate of suitability / CE marking     Yes       Standards, specifications, approvals / other       Laser protection class     LED Class 1       Certificate of suitability / CE marking     Yes       Standards, specifications, approval     No       • EC declaration of conformity EN 61010, IEC 61010-6-2, EN 61000-6-4     Yes       Standards, specifications, approval     Yes       Standards, specifications, approval     Yes       Standards, specifications, approvals / marine classification       Kamerican Bureau of Shipping Europe Ltd. (ABS)	multiport mirroring	No
Product functions / redundancy         Product function         • Parallel Redundancy Protocol (PRP)/operation in the PRP-network       Yes         • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)       No         Standards. specifications, approvals       Standards         Standards       Specifications, approvals         Standard       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:215:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:215:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:215:2010, II 2 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:215:2010, II 3 G Ex nA         • for hazardous zone       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:215:2010, II 2 G Ex nA         • for hazardous zone / from CSA and UL       UL 60950-1, CSA C22:2 No. 60950-1         • for emitted interference       EN 61000-64 (Class I)         • for emitted interference       EN 61000-64 (Class B)         Standards, specifications, approvals / OEE       Certificate of suitability / CE marking         Cartificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         Standards, specifications, approvals / other       LED Class 1         Certificate of suitability       EN 61010, IEC 61010,		Yes
Product function <ul> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Reprint Protocol (PRP)/Redundant Network Access (RNA)</li> </ul> No         Standards. specifications, approvals       Standard <ul> <li>for hazardous zone</li> <li>for safety / from CSA and UL</li> <li>for safety / from CSA and UL</li> <li>for hazardous zone / from CSA and UL</li> <li>UL 60950-1, CSA C22.2 No. 60950-1</li> <li>UL 60950-1, CSA C22.2 No. 60950-1</li> <li>UL 604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T</li> <li>for emitted interference</li> </ul> EN 61000-6-4 (Class B)           Standards, specifications, approvals / CE         Certificate of suitability / CE marking         Yes           Standards, specifications, approvals / other         Laser protection class         LED Class 1           Certificate of suitability         EN 61000-6-2, EN 61000-6-4         Yes           Standards, specifications, approvals / other         Less for the class	Product function / switch-managed	No
• Parallel Redundancy Protocol (PRP)/operation in the PRP-network       Yes         • Parallel Redundancy Protocol (PRP)/peration (PRP)/Redundant Network Access (RNA)       No         Standard       •         • for hazardous zone       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         • for hazardous zone       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         • for safety / from CSA and UL       UL 60950-1, CSA C22: No. 60950-1         • for hazardous zone / from CSA and UL       UL 60950-1, CSA C22: No. 60950-1         • for hazardous zone / from CSA and UL       UL 60950-1, CSA C22: No. 60950-1         • for emitted interference       EN 61000-6-4 (Class 1 / Zone 2 / Group IIC / T         • for emitted interference       EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE       Certificate of suitability / CE marking         Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • C-Tick       Yes         • C-Tick       Yes         • Cacheration of conformity EN 61010, IEC 61010, IEC 61010, 1, UL 61010A-1       Yes      <		
in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  Standard for hazardous zone for hazardous zone for hazardous zone for safety / from CSA and UL for 4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010 for safety / from CSA and UL for hazardous zone / from CSA and UL for emitted interference		
(PRP)/Redundant Network Access (RNA)         Standard         • for hazardous zone       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA         IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010       • for safety / from CSA and UL         • for safety / from CSA and UL       UL 60950-1, CSA C22.2 No. 60950-1         • for hazardous zone / from CSA and UL       UL 604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T         • for emitted interference       EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE         Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC       Yes         Standards, specifications, approvals / marine classification       Yes         Standards, specifications, approvals / marine classification         • Certificate of suitability       Yes         • Ce declaration of conformity EN 61010, IEC       Yes         • Et1 approval       Yes         Standards, specificati		Yes
Standard         • for hazardous zone       EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA         • for hazardous zone       IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010         • for safety / from CSA and UL       UL 60950-1, CSA C22.2 No. 60950-1         • for hazardous zone / from CSA and UL       UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T         • for emitted interference       EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE         Certificate of suitability / CE marking         • Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • E2 declaration of conformity EN 61010, IEC       Yes         Standards, specifications, approvals / marine classification       Yes         Standards, specifications, approvals / marine classification         • Caproval       Yes         Standards, specifications, approvals / marine classification         • KC approval       Yes	<ul> <li>Parallel Redundancy Protocol</li> </ul>	No
Standard <ul> <li>for hazardous zone</li> <li>EN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA</li> <li>IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0:15:2010</li> <li>for safety / from CSA and UL</li> <li>for hazardous zone / from CSA and UL</li> <li>UL 60950-1, CSA C22.2 No. 60950-1</li> <li>UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T</li> <li>For emitted interference</li> <li>EN 61000-6-4 (Class B)</li> </ul> <li>Standards, specifications, approvals / CE</li> <li>Certificate of suitability / CE marking</li> <li>Yes</li> <li>Standards, specifications, approvals / other</li> <li>Laser protection class</li> <li>LED Class 1</li> <li>Certificate of suitability</li> <li>EN 61000-6-2, EN 61000-6-4</li> <li>C-Tick</li> <li>Yes</li> <li>Standards, specification of conformity EN 61010, IEC 61010, IEC 61010-1, UL 61010A-1</li> <li>KC approval</li> <li>Yes</li> <li>Standards, specification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>Bureau Veritas (BV)</li> <li>Yes</li>	(PRP)/Redundant Network Access (RNA)	
• for hazardous zoneEN 60079-0:2012 + A11:2013, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0- 15:2010• for safety / from CSA and ULUL 60950-1, CSA C22.2 No. 60950-1• for hazardous zone / from CSA and ULUL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T• for emitted interferenceEN 61000-6-4 (Class B)Standards, specifications, approvals / CECertificate of suitability / CE markingYesStandards, specifications, approvals / otherLaser protection classLED Class 1Certificate of suitabilityEN 61000-6-2, EN 61000-6-4• C-TickYes• E1 approvalNo• EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1 • KC approvalYesStandards, specifications, approvals / marine classificationMarine classification association • American Bureau of Shipping Europe Ltd. (ABS) • Bureau Veritas (BV)Yes	Standards, specifications, approvals	
IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0-15:2010         • for safety / from CSA and UL       UL 60950-1, CSA C22.2 No. 60950-1         • for hazardous zone / from CSA and UL       UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T         • for emitted interference       EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE         Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC       Yes         Standards, specifications, approvals / marine classification       Yes         Standards, specifications, approval / Yes       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC       Yes         §1010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specification, association       Yes         Bureau Veritas (BV)       Yes	Standard	
<ul> <li>for hazardous zone / from CSA and UL</li> <li>for emitted interference</li> <li>UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T</li> <li>e for emitted interference</li> <li>EN 61000-6-4 (Class B)</li> <li>Standards, specifications, approvals / CE</li> <li>Certificate of suitability / CE marking</li> <li>Yes</li> <li>Standards, specifications, approvals / other</li> <li>Laser protection class</li> <li>LED Class 1</li> <li>Certificate of suitability</li> <li>EN 61000-6-2, EN 61000-6-4</li> <li>C-Tick</li> <li>Yes</li> <li>E1 approval</li> <li>No</li> <li>EC declaration of conformity EN 61010, IEC</li> <li>G1010-1, UL 61010A-1</li> <li>KC approval</li> <li>Yes</li> <li>Standards, specifications, approvals / marine classification</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>Bureau Veritas (BV)</li> <li>Yes</li> </ul>	<ul> <li>for hazardous zone</li> </ul>	IIC T4 Gc, KEMA 07ATEX0145 X, IEC 6079-0:2011, IEC 6079-0-
2 / Group A, B, C, D / T, Class 1 / Zone 2 / Group IIC / T         e for emitted interference         EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE         Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC       Yes         61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association       Yes         • American Bureau of Shipping Europe Ltd. (ABS)       Yes         • Bureau Veritas (BV)       Yes	<ul> <li>for safety / from CSA and UL</li> </ul>	UL 60950-1, CSA C22.2 No. 60950-1
• for emitted interference       EN 61000-6-4 (Class B)         Standards, specifications, approvals / CE       Certificate of suitability / CE marking         Ves       Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • EC declaration of conformity EN 61010, IEC       Yes         61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)       Yes         • Bureau Veritas (BV)       Yes	<ul> <li>for hazardous zone / from CSA and UL</li> </ul>	
Standards, specifications, approvals / CE         Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other       LED Class 1         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC       Yes         61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association       Yes         • American Bureau of Shipping Europe Ltd. (ABS)       Yes         • Bureau Veritas (BV)       Yes		
Certificate of suitability / CE marking       Yes         Standards, specifications, approvals / other       Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association       Yes         • American Bureau of Shipping Europe Ltd. (ABS)       Yes         • Bureau Veritas (BV)       Yes	<ul> <li>for emitted interference</li> </ul>	EN 61000-6-4 (Class B)
Standards, specifications, approvals / other         Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification       Yes         Marine classification association       Yes         • American Bureau of Shipping Europe Ltd. (ABS)       Yes         • Bureau Veritas (BV)       Yes		
Laser protection class       LED Class 1         Certificate of suitability       EN 61000-6-2, EN 61000-6-4         • C-Tick       Yes         • E1 approval       No         • EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • Bureau Veritas (BV)	Certificate of suitability / CE marking	Yes
Certificate of suitabilityEN 61000-6-2, EN 61000-6-4• C-TickYes• E1 approvalNo• EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1 • KC approvalYes• KC approvalYesStandards, specifications, approvals / marine classification • American Bureau of Shipping Europe Ltd. (ABS) • Bureau Veritas (BV)Yes	Standards, specifications, approvals / other	
• C-TickYes• E1 approvalNo• EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1 • KC approvalYes• KC approvalYesStandards, specifications, approvals / marine classification • American Bureau of Shipping Europe Ltd. (ABS) • Bureau Veritas (BV)Yes	Laser protection class	LED Class 1
<ul> <li>E1 approval</li> <li>EC declaration of conformity EN 61010, IEC</li> <li>EC declaration of conformity EN 61010, IEC</li> <li>G1010-1, UL 61010A-1</li> <li>KC approval</li> <li>Yes</li> </ul> Standards, specifications, approvals / marine classification           Marine classification association         Yes   American Bureau of Shipping Europe Ltd. (ABS) Bureau Veritas (BV) Yes	Certificate of suitability	EN 61000-6-2, EN 61000-6-4
<ul> <li>EC declaration of conformity EN 61010, IEC 61010-1, UL 61010A-1</li> <li>KC approval Yes</li> <li>Standards, specifications, approvals / marine classification</li> <li>Marine classification association         <ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>Bureau Veritas (BV)</li> <li>Yes</li> </ul> </li> </ul>	• C-Tick	Yes
61010-1, UL 61010A-1       Yes         • KC approval       Yes         Standards, specifications, approvals / marine classification         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • Bureau Veritas (BV)	• E1 approval	No
Standards, specifications, approvals / marine classification         Marine classification association         • American Bureau of Shipping Europe Ltd.         (ABS)         • Bureau Veritas (BV)	-	Yes
Marine classification association       Yes         • American Bureau of Shipping Europe Ltd.       Yes         (ABS)       Yes         • Bureau Veritas (BV)       Yes	<ul> <li>KC approval</li> </ul>	Yes
<ul> <li>American Bureau of Shipping Europe Ltd. Yes</li> <li>(ABS)</li> <li>Bureau Veritas (BV) Yes</li> </ul>		
(ABS) • Bureau Veritas (BV) Yes		Vac
		res
DNV GL Yes	• Bureau Veritas (BV)	
	• DNV GL	Yes

<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	Yes
<ul> <li>Polski Rejestr Statkow (PRS)</li> </ul>	Yes
<ul> <li>Royal Institution of Naval Architects (RINA)</li> </ul>	Yes
Further information / Internet-Links	
Internet-Link	
<ul> <li>to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter
<ul> <li>to website: Image database</li> </ul>	http://automation.siemens.com/bilddb
<ul> <li>to website: CAx Download Manager</li> </ul>	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com
Security information	
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