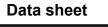
# 6GK5108-0RA00-2AC2





SCALANCE XCM108PoE (8x100/1000 Mbit/s RJ45, PoE) unmanaged IE Switch up to 120 W PoE power on 8 ports, LED diagnostics, error-signaling contact with set pushbutton, redundant power supply manual available as a download.

product type designation		
product brand name	SCALANCE	
transfer rate		
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s	
interfaces / for communication / integrated		
number of electrical connections		
<ul> <li>for network components or terminal equipment</li> </ul>	8; RJ45	
number of 10/100/1000 Mbit/s RJ45 ports		
<ul> <li>with securing collar / with PoE</li> </ul>	8	
interfaces / other		
number of electrical connections		
<ul> <li>for signaling contact</li> </ul>	1	
• for power supply	1	
type of electrical connection		
for signaling contact	2-pole terminal block	
for power supply	4-pole terminal block	
operating voltage / of the signaling contacts		
at DC / rated value	24 V	
operational current / of the signaling contacts		
at DC / maximum	0.1 A	
supply voltage, current consumption, power loss		
product component / connection for redundant voltage supply	Yes	
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>	12 W	
<ul><li>supply voltage / 1 / rated value</li></ul>	19.2 55 V	
<ul> <li>consumed current / 1 / maximum</li> </ul>		
	7.5 A	
• type of electrical connection / 1 / for power supply	4-pole terminal block	
• product component / 1 / fusing at power supply input	4-pole terminal block Yes	
<ul> <li>product component / 1 / fusing at power supply input</li> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	4-pole terminal block Yes 2.5 A/ 125 V	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage	4-pole terminal block Yes 2.5 A/ 125 V DC	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value     supply voltage / 2 / rated value	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W 19.2 55 V	
product component / 1 / fusing at power supply input fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage supply voltage / 2 / rated value power loss [W] / 2 / rated value supply voltage / 2 / rated value consumed current / 2 / maximum	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value     supply voltage / 2 / rated value     supply voltage / 2 / rated value     consumed current / 2 / maximum  ambient conditions	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W 19.2 55 V	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value     supply voltage / 2 / rated value     supply voltage / 2 / rated value     consumed current / 2 / maximum  ambient conditions  ambient temperature	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W 19.2 55 V 2.5 A	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value     supply voltage / 2 / rated value     supply voltage / 2 / rated value     consumed current / 2 / maximum  ambient conditions  ambient temperature     during operation	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W 19.2 55 V 2.5 A	
product component / 1 / fusing at power supply input     fuse protection type / 1 / at input for supply voltage  type of voltage / 2 / of the supply voltage     supply voltage / 2 / rated value     power loss [W] / 2 / rated value     supply voltage / 2 / rated value     supply voltage / 2 / rated value     consumed current / 2 / maximum  ambient conditions  ambient temperature	4-pole terminal block Yes 2.5 A/ 125 V DC 54 V 10 W 19.2 55 V 2.5 A	

relative humidity  • at 25°C / without condensation / during operation / maximum protection class IP    P20		
maximum protection class IP	relative humidity	
protection class IP  design, dimensions and weights  design	<b>.</b>	95 %
design compact width 80 mm helght 147 mm depth 125 mm net weight 0.87 kg material / of the enclosure Polycarbonate (PC-GF10) fastering method • 35 mm DIN-rail mounting Yes • 35 mm DIN-rail mounting Yes • 37-1500 rail mounting Yes • 57-1500 rail mounting Yes  Product features, product functions, product components / general number of automatically learnable MAC addresses 2048  product functions / management, configuration, engineering product functions / management, configuration, engineering product functions / management, configuration, engineering product functions / mounting No • CoS • yes • switch-managed No PROFINET conformity class Aproduct functions / redundancy Product function • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network • Access (RNA)  standards, specifications, approvals  certificate of suitability • CE marking Yes • Regulatory Compliance Mark (RCM) Yes  standards, specifications, approvals / marine classification  Marine classification saccietion / Ves  standards, specifications, approvals / marine classification  Marine classification saccietion / Ves • Tench marine classification society (CCS) • Presc   Ves • DNV GL • Korean Register of Shipping (RRS) Yes • Plosik Rejestr Statkow (PRS) • Reyal Institution of Naval Architects (RINA)  * Yes • Royal Institution of Naval Architects (RINA)		ID20
design with 80 mm helight 147 mm depth 125 mm net weight 0.87 kg material / of the enclosure Polycarbonate (PC-GF10) fastening method	·	IF20
width height 147 mm depth 147 mm depth 125 mm net weight 0.0.87 kg material / of the enclosure Polycarbonate (PC-GF10) fasterining method  • 36 mm DIN-rail mounting Yes • wall mounting Yes • 87-300 rail rail rail rail rail rail rail rail		compact
helght		·
depth   125 mm   net weight   0.87 kg   material / 0 the enclosure   Polycarbonate (PC-GF10)   material / 0 the enclosure   Polycarbonate / 0 the enclosure   0		
meterial / of the enclosure Polycarbonate (PC-GF10) fastering method	•	
material / of the enclosure fastering method  * 35 mm DiN-rall mounting		
fastening method  • 35 mm DIN-rail mounting  • wall mounting  • S7-300 rail mounting  • S7-300 rail mounting  • S7-300 rail mounting  • S7-1500 rail mounting  • S7-1500 rail mounting  product functions, product components / general  number of automatically learnable MAC addresses  product functions / management, configuration, engineering  product function  • multiport mirroring  • CoS  • yes  • switch-managed  No  PROFINET conformity class  product functions / redundancy  product function  • Parallel Redundancy Protocol (PRP)/operation in the PRP-network  • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability  • UE marking  • UKCA marking  • Ves  • Regulatory Compliance Mark (RCM)  **Yes  **Istandards, specifications, approvals / other  resistance to ali prollution / conformity according to ANSI/ISA-  71.04  **Standards, specifications, approvals / marrine classification  **Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (CCS)  • American Bureau of Shipping (KRS)  • French marine classification Society (CCS)  • Polsk Register of Shipping (LRS)  • Polsk Register of Shipping (LRS)  • Polsk Register of Shipping (LRS)  • Polsk Rejester Statkow (PRS)  • Royal Institution of Naval Architects (RINA)	<u> </u>	
*35 mm DIN-rail mounting     *vall mounting     *S 7-30 rail mounting     *S 7-1500 rail mounting     *Yes  product functions, product functions, product components / general number of automatically learnable MAC addresses     *2048  product functions / management, configuration, engineering product functions / management, configuration, engineering product function     *Management, configuration, engineering product function / ves     **switch-managed		r discarbonate (i o-or 10)
• wall mounting     • S7-300 rail mounting     • S7-1500 rail mounting     • S0-1500 rail mounting     • Poduct factures, product functions, product components / general number of automatically learnable MAC addresses     2048  product function / management, configuration, engineering product function     • multiport mirroring     • No     • CoS     • Yes     • switch-managed     No  PROFINET conformity class     A  product functions / redundancy  product functions / redundancy  product functions / redundancy  product functions / redundancy  • Parallel Redundancy Protocol (PRP)/Generation in the PRP-network     • Parallel Redundancy Protocol (PRP)/Redundant Network     Access (RNA)  Standards, spocifications, approvals  • UKCA marking     • Regulatory Compliance Mark (RCM)     • Regulatory Compliance Mark (RCM)  **resistance to air pollution / conformity according to ANSI/ISA- 71.04  **standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA- 71.04  **standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Chinese Classification Society (CCS)  • Novana Register of Shipping (KRS)  • Prosi Register of Shipping (KRS)  • Nopon Kaji Kyokai (NK)  • Polsik Register Statkov (PRS)  • Royal Institution of Naval Architects (RINA)  **Yes  **Total American Architects (RINA)  **Yes  • Royal Institution of Naval Architects (RINA)  **Yes  **Total American Architects (RINA)  **Yes  **Total American Architects (RINA)  **Yes  • Roy	ū	Vac
S7-300 rail mounting S7-1500 rail mounting Product features, product functions, product components / general number of automatically learnable MAC addresses 2048  product functions / management, configuration, engineering  product functions / management, configuration, engineering  product function I multiport mirroring S No Switch-managed PROFINET conformity class A product function / redundancy  product functions / redundancy  product function Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability S C E marking S Regulatory Compliance Mark (RCM)  Featurdards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA— 71.04  standards, specifications, approvals / other  resistance to marking American Bureau of Shipping Europe Ltd. (ABS) Fernoth marine classification society (CCS) French marine classification society (BV) Chinese Classification Society (CCS) PVes DNV GL Product Register of Shipping (LRS) Polsk Register Status (RINA) PVes Polsk Register of Shipping (LRS) Polsk Register Status (RINA) PVes	-	
• \$7-1500 rail mountling Yes  product features, product functions, product components / general number of automatically learnable MAC addresses  product functions / management, configuration, engineering  product function  • multiport mirroring No • CoS • switch-managed No  PROFINET conformity class A  product function / earnale Redundancy  product function / earnale Redundancy  product function / earnale Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability • CE marking Yes • UKCA marking Yes • UKCA marking Yes standards, specifications, approvals / ves  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA- 71.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) Yes • French marine classification society (BV) Yes • Chinese Classification Society (CCS) Yes • DNV GL • Korean Register of Shipping (LRS) Yes • Licyds Register of Shipping (LRS) Yes • Nippon Kaij Kyokai (NK) Yes • Royal Institution of Naval Architects (RINA) Yes • Royal Institution of Naval Architects (RINA) Yes	-	
number of automatically learnable MAC addresses 2048  product functions / management, configuration, engineering  product function  • multiport mirroring • CoS • witch-managed • No  PROFINET conformity class • A  product functions / redundancy  product functions / redundancy  product functions / redundancy  product functions / redundancy  product function • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network • Access (RNA)  standards, specifications, approvals  certificate of suitability • CE marking • Negulatory Compliance Mark (RCM) • Regulatory Compliance Mark (RCM)  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA- 71.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (LRS) • Nippon Kaji Kyokai (NK) • Polsk Regists Tstakov (PRS) • Royal Institution of Naval Architects (RINA)  * Yes • Royal Institution of Naval Architects (RINA)  * Yes • Royal Institution of Naval Architects (RINA)  * Yes • Royal Institution of Naval Architects (RINA)	<u> </u>	
number of automatically learnable MAC addresses 2048  product functions / management, configuration, engineering  product function  - multiport mirroring - CoS - switch-managed - No PROFINET conformity class - A  product functions / redundancy  product functions / redundancy  product functions / redundancy  product function - Parallel Redundancy Protocol (PRP)/operation in the PRP-network - Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability - CE marking - Negulatory Compliance Mark (RCM) - Regulatory Compliance Mark (RCM)  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association - American Bureau of Shipping Europe Ltd. (ABS) - French marine classification society (BV) - Chinese Classification Society (CCS) - DNV GL - Korean Register of Shipping (LRS) - Lloyds Register of Shipping (LRS) - Polsik Rejest Statkow (PRS) - Polsik Rejest Statkow (PRS) - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes - Royal Institution of Naval Architects (RINA) - Yes		**
product functions / management, configuration, engineering product function		
product function  • multiport mirroring • CoS • witch-managed No  PROFINET conformity class Product functions / redundancy  product function • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability • CE marking • Regulatory Compliance Mark (RCM) • Regulatory Compliance Mark (RCM)  standards, specifications, approvals / ves  standards, specifications, approvals / other resistance to air pollution / conformity according to ANSI/ISA- 71.04  standards, specifications, approvals / wes  standards, specifications, approvals / other resistance to air pollution / conformity according to ANSI/ISA- 71.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (KRS) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA)  Yes	,	2040
<ul> <li>multiport mirroring</li> <li>CoS</li> <li>switch-managed</li> <li>No</li> </ul> PROFINET conformity class <ul> <li>A</li> </ul> Product functions / redundancy product function <ul> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Redundant Network</li> <li>Access (RNA)</li> </ul> Standards, specifications, approvals <ul> <li>certificate of suitability</li> <li>CE marking</li> <li>Regulatory Compliance Mark (RCM)</li> <li>Yes</li> </ul> Standards, specifications, approvals / other resistance to air pollution / conformity according to ANSI/ISA-71.04 Standards, specifications, approvals / marine classification Marine classification association <ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Chinese Classification Society (CCS)</li> <li>DNV GL</li> <li>Korean Register of Shipping (LRS)</li> <li>Ves</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Yes</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul>		
COS Switch-managed Switch-managed No PROFINET conformity class Product functions / redundancy Product function Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  Standards, specifications, approvals Cetrificate of suitability CE marking Regulatory Compliance Mark (RCM) Standards, specifications, approvals / other resistance to air pollution / conformity according to ANSI/ISA-71.04  Standards, specifications, approvals / marine classification Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA) Yes Royal Institution of Naval Architects (RINA)	·	No
• switch-managed No PROFINET conformity class A  product functions / redundancy  product function • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability • CE marking • UKCA marking • Regulatory Compliance Mark (RCM)  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Chinese Classification Society (CCS) • DNV GL • Korean Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA)	· · · · · · · · · · · · · · · · · · ·	
PROFINET conformity class A  product functions / redundancy  product function  • Parallel Redundancy Protocol (PRP)/operation in the PRP-network  • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability  • CE marking Yes  • Regulatory Compliance Mark (RCM) Yes  *Regulatory Compliance Mark (RCM) Yes  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) Yes  • French marine classification Society (BV) Yes  • Chinese Classification Society (CCS) Yes  • DNV GL  • Korean Register of Shipping (KRS) Yes  • Lloyds Register of Shipping (LRS) Yes  • Nippon Kalji Kyokai (NK) Yes  • Royal Institution of Naval Architects (RINA) Yes		
product function / e Parallel Redundancy Protocol (PRP)/operation in the PRP-network   • Parallel Redundancy Protocol (PRP)/Redundant Network   • Camerications, approvals   • Pres   • UKCA marking	-	
product function  Parallel Redundancy Protocol (PRP)/operation in the PRP-network  Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  Standards, specifications, approvals  certificate of suitability  CE marking Wes Regulatory Compliance Mark (RCM)  Standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  Standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (KRS) Flosh Register of Shipping (LRS) Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA)	·	A
Parallel Redundancy Protocol (PRP)/operation in the PRP-network  Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  Standards, specifications, approvals  certificate of suitability  CE marking  UKCA marking  Regulatory Compliance Mark (RCM)  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  Standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS)  French marine classification society (BV)  Chinese Classification Society (CCS)  DNV GL  Korean Register of Shipping (KRS)  Lloyds Register of Shipping (LRS)  No  No  No  No  Yes  Ves  Ves  Lloyds Register of Shipping (LRS)  No  Ves  Polski Rejestr Statkow (PRS)  Royal Institution of Naval Architects (RINA)		
PRP-network  Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)  standards, specifications, approvals  certificate of suitability  CE marking  Regulatory Compliance Mark (RCM)  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS)  French marine classification society (BV)  Chinese Classification Society (CCS)  Nes  No  No  No  No  Yes  Garantic  Yes  Yes  French marine classification society (BV)  Chinese Classification Society (CCS)  Yes  No  No  No  No  No  No  No  No  No  N	·	
standards, specifications, approvals  certificate of suitability	PRP-network	
certificate of suitability  CE marking  UKCA marking  Regulatory Compliance Mark (RCM)  **standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  **standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS)  French marine classification society (BV)  Chinese Classification Society (CCS)  DNV GL  Korean Register of Shipping (KRS)  Lloyds Register of Shipping (LRS)  Nippon Kaiji Kyokai (NK)  Polski Rejestr Statkow (PRS)  Royal Institution of Naval Architects (RINA)  Yes	Access (RNA)	No
CE marking UKCA marking Regulatory Compliance Mark (RCM) Yes  **standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  **standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA)  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye		
UKCA marking Regulatory Compliance Mark (RCM) Yes  standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV)  French marine classification society (BV)  Chinese Classification Society (CCS)  DNV GL  Korean Register of Shipping (KRS)  Lloyds Register of Shipping (LRS)  Nippon Kaiji Kyokai (NK)  Polski Rejestr Statkow (PRS)  Royal Institution of Naval Architects (RINA)  Yes	,	
Regulatory Compliance Mark (RCM)  Standards, specifications, approvals / other  resistance to air pollution / conformity according to ANSI/ISA-71.04  Standards, specifications, approvals / marine classification  Marine classification association  American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Chinese Classification Society (CCS) DNV GL Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) Royal Institution of Naval Architects (RINA)  Yes  Royal Institution of Naval Architects (RINA)	S .	
resistance to air pollution / conformity according to ANSI/ISA-71.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Chinese Classification Society (CCS)  • DNV GL  • Korean Register of Shipping (KRS)  • Lloyds Register of Shipping (LRS)  • Nippon Kaiji Kyokai (NK)  • Polski Rejestr Statkow (PRS)  • Royal Institution of Naval Architects (RINA)	g .	
resistance to air pollution / conformity according to ANSI/ISA-71.04  Standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) Yes  • French marine classification society (BV) Yes  • Chinese Classification Society (CCS) Yes  • DNV GL Yes  • Korean Register of Shipping (KRS) Yes  • Lloyds Register of Shipping (LRS) Yes  • Nippon Kaiji Kyokai (NK) Yes  • Polski Rejestr Statkow (PRS) Yes  • Royal Institution of Naval Architects (RINA)		Yes
T1.04  standards, specifications, approvals / marine classification  Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS) Yes  • French marine classification society (BV) Yes  • Chinese Classification Society (CCS) Yes  • DNV GL Yes  • Korean Register of Shipping (KRS) Yes  • Lloyds Register of Shipping (LRS) Yes  • Nippon Kaiji Kyokai (NK) Yes  • Polski Rejestr Statkow (PRS) Yes  • Royal Institution of Naval Architects (RINA) Yes		
Marine classification association  • American Bureau of Shipping Europe Ltd. (ABS)  • French marine classification society (BV)  • Chinese Classification Society (CCS)  • DNV GL  • Korean Register of Shipping (KRS)  • Lloyds Register of Shipping (LRS)  • Nippon Kaiji Kyokai (NK)  • Polski Rejestr Statkow (PRS)  • Royal Institution of Naval Architects (RINA)	71.04	Yes; G3
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>Chinese Classification Society (CCS)</li> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul>		
<ul> <li>French marine classification society (BV)</li> <li>Chinese Classification Society (CCS)</li> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul>		
<ul> <li>Chinese Classification Society (CCS)</li> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul>		
<ul> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul>		
<ul> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul> Yes Yes		
<ul> <li>Lloyds Register of Shipping (LRS)</li> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul> Yes Yes		
<ul> <li>Nippon Kaiji Kyokai (NK)</li> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> </ul> Yes Yes		
<ul> <li>Polski Rejestr Statkow (PRS)</li> <li>Royal Institution of Naval Architects (RINA)</li> <li>Yes</li> </ul>		
Royal Institution of Naval Architects (RINA)     Yes		
standards, specifications, approvals / Environmental Product Declaration		
Environmental Product Declaration Yes	Environmental Product Declaration	Yes
global warming potential [CO2 eq]	global warming potential [CO2 eq]	
• total 351.9 kg	• total	351.9 kg
• during manufacturing 23.6 kg	during manufacturing	
• during operation 328 kg	during operation	328 kg
• after end of life 0.3 kg		0.3 kg
product functions / general		
reference code	reference code	
• according to IEC 81346-2 KF		KE
• according to IEC 81346-2:2019 KFE	according to IEC 81346-2	TXI
Warranty period 5 a		

product function / is supported / identification link

Yes: acc. to IEC 61406-1:2022

## further information / internet links

internet link

• to website: Selection guide for cables and connectors

• to web page: selection aid TIA Selection Tool

• to website: Industrial communication

• to web page: SiePortal

• to website: Image database

• to website: CAx-Download-Manager

• to website: Industry Online Support

https://support.industry.siemens.com/cs/ww/en/view/109766358

https://www.siemens.com/tstcloud

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

https://sieportal.siemens.com/

https://www.automation.siemens.com/bilddb

https://www.siemens.com/cax

https://support.industry.siemens.com

## security information

security information

Siemens provides products and solutions with industrial cybersecurity functions that 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 cybersecurity 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 cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. 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 Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

## Approvals / Certificates

**General Product Approval** 

For use in hazardous locations



**Declaration of Con**formity



**Miscellaneous** 



CCC-Ex

### Marine / Shipping









NK / Nippon Kaiji Ky-



Marine / Shipping

CCS (China Classification Society)





**Environment** 

**PROFINET** 

**Industrial Communication** 

last modified:

2/26/2025

