SIEMENS

Data sheet

6GK5204-0BA10-2BF2



SCALANCE XF204IRT, flat, Managed IE IRT switch, 4x 10/100 Mbps RJ45 ports, error signaling contact with set pushbutton, redundant power supply, PROFINET IO device, network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-PLUG optional

product type designation	SCALANCE XF204IRT
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
for network components or terminal equipment	4
interfaces / other	•
number of electrical connections	
for signaling contact	1
for power supply	1
type of electrical connection	
for signaling contact	2-pole terminal block
for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
signal inputs/outputs	
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
 supply voltage / 1 / rated value 	24 V
 power loss [W] / 1 / rated value 	3.4 W
 supply voltage / 1 / rated value 	18 32 V
 consumed current / 1 / maximum 	0.14 A
 type of electrical connection / 1 / for power supply 	4-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
 fuse protection type / 1 / at input for supply voltage 	1.5 A (cannot be changed by user)
ambient conditions	
ambient temperature	
during operation	-40 +60 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
note	If the IE-Switch XF-200 is installed horizontally, a maximum ambient temperature of +40 °C is permitted
relative humidity	
\bullet at 25 $^\circ\text{C}$ / without condensation / during operation / maximum	95 %

protection class IP	IP20
design, dimensions and weights	
design	Flat
width	75 mm
height	125 mm
depth	73 mm
	0.25 kg
net weight	0.20 Ng
35 mm top hat DIN rail mounting	Yes
	No
wall mounting	No
S7-300 rail mounting	
• S7-1500 rail mounting	No
product features, product functions, product components / gene	
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	50
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
• CLI	Yes
 web-based management 	Yes
MIB support	Yes
• TRAPs via email	Yes
 configuration with STEP 7 	Yes
port mirroring	No
multiport mirroring	No
with IRT / PROFINET IO switch	Yes
PROFINET IO diagnosis	Yes
PROFINET conformity class	С
product function / switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
identification & maintenance function	
I&M0 - device-specific information	Yes
 I&M1 - higher level designation/location designation 	Yes
product functions / diagnostics	
product function	
product function port diagnostics	Yes
statistics Packet Size	Yes
statistics packet type	Yes
error statistics	Yes
product functions / DHCP	
product function	Van
DHCP client	Yes
product functions / redundancy	
product function	
 ring redundancy 	Yes
 High Speed Redundancy Protocol (HRP) 	Yes
 high speed redundancy protocol (HRP) with redundancy manager 	Yes
 high speed redundancy protocol (HRP) with standby redundancy 	Yes

product Incline Yes amadge reduction protocol (MRP) with redundancy anager Yes Mickle Redundancy Protocol (PRP)/Redundant Network Access (RNA) Yes - Paralle Rodundancy Protocol (PRP)/Redundant Network Access (RNA) No - Statistic functions / security protocol / is supported Yes - For FM Yes • for FM No • for related functions, supported FN3811. Class 1. Division 2. Group A, B, C, D / T4, CL 1, Zone 2, GP, IIC, T4 • for related interference EN 61000-64.2001 (Class A) • for interference immunity EN 61000-64.2001 (Class A) • for interference immunity EN 61000-64.2001 (Class A) • for interference immunity / CE Fe • according to IEC 81346-2 KF		
• media recluration protocol (MEP) with recluration; manager Yes • Media Recluration; Protocol for Planned Duplication (MRP0); Yes • Parallel Recluration; Protocol (PRP)/persition in the PRP-index K Yes • Parallel Recluration; Protocol (PRP)/Recluration the PRP-index K Yes • parallel Recluration; Protocol (PRP)/Recluration the PRP-index K Yes • protocol (ISRP) Protocol (PRP)/Recluration to the PRP-index K Yes protocol (ISRP) No • SICL COCK support Yes protocol (ISRP) No • Strip Yes protocol (ISRP) No • Strip Yes protocol (ISRP) No • Strip Yes protocol (ISRP) No • for Inferineme Immuny Yes • for Inferineme Immuny KF • for Inferineme Immuny Yes • for Inferineme Immuny Yes	protocol / is supported / Media Redundancy Protocol (MRP)	Yes
marager Media Redundancy Protocol for Planned Duplication Yes • Media Redundancy Protocol (PRP)/Redundant Network No • Paralle Ideationancy Protocol (PRP)/Redundant Network No • Cases (RNA) Yes • protocol / is supported * • SSH Yes protocol / is supported * • STP Yes standards # • for safety / form CSA and UL UL 00605-1, CSA 102, No. 0065-1 • for interference immunity EN 81000-8-2001 (Class A) • for interference immunity EN 81000-8-2001 (Class A) • for interference immunity EN 80079-0; 2006, EN 80079-15; 2005, II 3 G Ex nA II T4, KEMA 07 ATEX • formification supprovale / Bazardous anvironments Standard for hazardous azone • form CSA and UL NSN ISA 12, 12, 01, CSA 0222 No		Ver
• Modia Redundancy Protocol for Planned Duplication (MRPD) Yes • Parallel Redundancy Protocol (PRP)/operation in the PRP-network Yes • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RMA) No • parallel Redundancy Protocol (PRP)/Redundant Network Access (RMA) No • protoch is supported Yes • solid Linctions / supported Yes • protoch is supported Yes • SIGLOCK Support Yes • protoch is supported No • SIGLOCK Support Yes • for FM No • for fM FM3811: Class 1, Divison 2, Group A, B, C, D / T4, CL, 1, Zone 2, GP, IIC, T4 • for satisty / from CSA and UL UL 00550-1, CSA, C222 No. 00550-1 • for interference EN 61000-6-22001 (Glass A) • for interference innunity EN 61000-6-22001 (Glass A) • for interference innunity Yes • for interference innunity Yes • for interference innunity Yes • form CSA and UL UL 00507-1 (CSA (CSZ No. 0050-1) • eaccording Io EC 81346-2 KF • according Io EC 81346-2 KF	•••••••••••••••••••••••••••••••••••••••	res
PPR-retwork No • Paralle Redundancy Protocol (PRP)/Redundant Network No • passive Isloning Yes product functions / supported • • SSH Yes product functions / supported • • SILLOCK support Yes product functions / supported Yes product functions / supported No • NTP No • SILLOCK support Yes product functions / supported No • NTP No • SIT Yes standard FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for inferience immunity EN 61000-6-2 2001 (Class A) • for inferience inmunity EN 61000-6-2 2001 (Class A) • for inferience inmunity EN 61000-6-2 2001 (Class A) • for oniferience inmunity KF • according to IEC 61346-2 KF • frem CSA and UL D145 X <	Media Redundancy Protocol for Planned Duplication	Yes
Access (RNA) page set selening product functions / security product functions / security product functions / time product functions / time product function i SIGLOCK support Pers Product function SIGLOCK support Pers Product function INTP SIGLOCK support Pers Pers Pers		Yes
product functions / security product functions / time of COLCOR support • SICLOCK support • NTP • NTP • Sindards specifications, approvals standards - for FM • for FM • for safety / from CSA and UL • for interference EN 1000-6-2 MTPF * for interference • for interference • for interference • according to IEC 81346-2 • for method interference certificate of suitability / CE certificate of suitability / ReNtS conformity Yes certificate of suitability / ReNtS conformity Yes certificate of suitability • from CSA and UL ATEX • from CSA and UL ATEX		No
protocol / is supported Yes sSH Yes product function ************************************	passive listening	Yes
• SSH Yes product function / time • product function • • SICLOCK support Yes protocol // is supported • • NTP No • SNTP Yes standard • • for RM FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL 1, Zone 2, GP. IIC, T4 UL 60950-1, CSA C22 2. No 60950-1 EN 61000-6-42001 (Class A) • for selfet/ from CSA and UL UL 60950-1, CSA C22 2. No 60950-1 • for remitted interference EN 61000-6-42001 (Class A) • for interference immunity EN 61000-6-2 • for interference immunity EN 61000-6-2 • for interference immunity EN 61000-6-2 • for interference code KFE • according to IEC 81346-2 KF • according to IEC 81346-2 KFE • according to IEC 81346-2 KF • according to IEC 81346-2 KF • form CSA and UL No • form CSA and UL NO179-0 • form CSA and UL NSI / SA 12 12 12 CSA C22 2 No. 213-M1987, CL 1 / Div. 2 / GP. A, B, C, D T4, CL 1 / Zone 2 / CP, IIC, T4 • entitleat of suitabilit	roduct functions / security	
product functions yes protocol / is supported Yes protocol / is supported No • NTP No • SICLCOCK support Yes standards, specifications, approvals standard standard for FM • for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL 1, Zone 2, GP, IIC, T4 • for safety / from CSA and UL UL 60950-1, CSA C22 2, No. 60950-1 • for interference immunity EN 61000-64-201 (Class A) • for interference immunity EN 61000-64-201 (Class A) • for interference immunity KF • factifications, approvals / factore KF • according to EC 81346-2 KF • forn directac of suitability / CE marking Yes certificate of suitability / FoHS conformity Yes standard / for hazardous zone EN 60079-7; 2006, EN80079-15; 2005, II 3 G Ex nA II 74, KEMA 07 ATEX • from CSA and UL D 14, CL, 1 / Zone 2 / GP, IIC, T4 certificate of suitability <t< td=""><td>protocol / is supported</td><td></td></t<>	protocol / is supported	
product function Yes protocol / is supported NTP • NTP No • SNTP Yes standards, specifications, approvals FM36111: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP, IIC, T4 • for risefity / from CSA and UL UL 60950-1; CSA C22.2 No. 60950-1 • for interference immunity EN 61000-6-2 MTBF 80.55 a reference code KF • according to IEC 81346-2 KF • according to IEC 81346-2.2019 KFE • tertificate of suitability / CE marking Yes certificate of suitability / CE conformity Yes; EN 50581 • from CSA and UL D14, CL.1 / Zone 2 / GP, IIC, T4 Ufficitate of suitability Pes; EN 60079-0; 2006, EN60079-15; 2005, II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL D14, CL. 1 / Zone 2 / GP, IIC, T4 certificate of suitability Pes; EN 60079-0; 2006, EN60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL D14, CL. 1 / Zone 2 / GP, IIC, T4 certificate of suitability Yes; EN 60079-0; II 3 G Ex ce IIC T4 Gc DEKR 18ATEX0025 X • actick • Gamproval Yes	• SSH	Yes
• SICLOCK support Yes protocol //s supported No • NTP No • NTP Yes standards, specifications, approvate standards, specifications, approvate standards, specifications, approvate FM3911: Class 1, Divison 2, Group A, B, C, D / T4, CL 1, Zone 2, GP, IIC, T4 • for safety / from CSA and UL UL 60950-1, CSA C22.2 No. 60950-1 • for interference EN 61000-64-2001 (Class A) • for interference code EN 61000-64-2001 (Class A) • excording to IEC 81346-2 KF • ecording to IEC 81346-2.2019 KFE standards, specifications, approvals / CE certificate of suitability / CE marking certificate of suitability / CE marking Yes; EN 50581 standards, specifications, approvals / Azardous environments EN 60079-0.2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL Pres; EN 60079-7; EN 60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL Pres; EN 60079-7; EN 60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL Pres; EN 60079-7; EN 60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL Pres; EN 60079-7; EN 60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • from CSA and UL Pres; EN 60079-7; EN 60079-0; II 3 G Ex nA II T4, KEMA 07 ATEX • free entility Yes; EN 60079-7; EN 60079-0; II 3 G Ex nA II 74, KEMA 18ATEX0025 X <td>roduct functions / time</td> <td></td>	roduct functions / time	
protocol / is supported No • NTP Yes standards, specifications, approvals FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL 1, Zone 2, GP, IIC, T4 • for rFM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL 1, Zone 2, GP, IIC, T4 • for initide interference EN 61000-62 • for initiderinterine inmunity EN 61000-62 MTBF 80.58 a reference code EN 61000-62 • cording to IEC 81346-22:019 KFE • according to IEC 81346-22:019 Yes • certificate of suitability / RoHS conformity Yes • according to IEC 81346-22:019 Yes • from CSA and UL ANSI / ISA 12:12:01, CSA C22:2 No. 213-M1987, CL, 1 / Div. 2 / GP. A, B, C, D 14, CL 1 / Zone 2 / GP. IIC, T4 • from CSA and UL D 14, CL 1 / Zone 2 / GP. IIC, T4 • from CSA and UL ANSI / ISA 12:12:01, CSA C22:2 No. 213-M1987, CL, 1 / Div. 2 / GP. A, B, C, D 14, CL 1 / Zone 2 / GP. IIC, T4 • actifications, approvals / other Yes; EN 60079-7; EN 60079-7; EN 60079-0; EX ec IIC T4 Gc DEK 74, 18ATEX0025 X • IECEx Yes; IC 60079-7; EX C6 60079-7; EX ce IIC T4 Gc DEK 74, 18ATEX0025 X • IECEx<	product function	
NTP No SNTP Yes standard, specifications, approvals standard ior FM (for safety / from CSA and UL (logsch, CSA C22 2 No. 60950-1 (logsch, CSA C22 2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 (logsch, Specifications, approvals / other (logsch, CSA C22 No. 62368-1; Report-Nr. E85972; UL 62368-1; (GAB-1; Report-Nr. E40480 (logsch, CSA C32 No, 62368-1; Report-Nr. E85972; UL 62368-1; (GAB-1; Report-Nr. E40480 (logsch, Specifications, approvals / marine classification (logsch, Specifications, approvals / marine classification (logsch, CSA C22 No, 62368-1; Report-Nr. E85972; UL 62368-1; (GAB-1; Repo	SICLOCK support	Yes
SNTP Yes standards, specifications, approvals standard for FM Find CSA and UL UL 60950-1, CSA C22, 2 No. 60950-1 UL 60070-6-2 MTBF scoording to IEC 81346-2 KF ectrificate of suitability / CE certificate of suitability / RoHS conformity Yes certificate of suitability / RoHS conformity Yes standard for hazardous zone	protocol / is supported	
standards, specifications, approvals standard • for FM • for safety / from CSA and UL • for interference immunity MTEF reference code • according to IEC 81346-2 • according to IEC 81346-2.2019 KFE standards, specifications, approvals / CE certificate of suitability / CE marking verificate of suitability / RoHS conformity verificate of suitability / RoHS conformity verificate of suitability / RoHS conformity verificate of suitability verificate of suitability <	NTP	No
standard for FM for SA for SAE for SA	• SNTP	Yes
• for FM FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 • for safety / from CSA and UL UL 60950-1, CSA C22 2 No. 60950-1 • for interference immunity EN 61000-64-2001 (Class A) • for interference immunity EN 61000-64-2001 (Class A) • for interference immunity EN 61000-64-2 MTBF 80-58 a • according to IEC 81346-2 KF • according to IEC 81346-2:2019 KFE standards, spoelfications, approvals / CE certificate of suitability / CeM rarking certificate of suitability / Coh S conformity Yes certificate of suitability / Foh'S conformity Yes standard / for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • from CSA and UL ANSI / ISA 12:12:01, CSA C22:2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 certificate of suitability Yes; EN 60079-0: Ex ce IIC T4 Gc DEKRA 18ATEX0025 X • IECEx Yes; IEC 60079-0; Ex ce IIC T4 Gc DEKRA 18ATEX0025 X • IECEx Yes; IEC 60079-0; Ex ce IIC T4 Gc DEK 18:0017X standards, specifications, approvals / other EX 60079-0; Ex ce IIC T4 Gc DEK 18:0017X standards, specifications, approvals / oth	tandards, specifications, approvals	
• for safety / from CSA and UL • UL 60950-1, CSA C22.2 No. 60950-1 • for inited interference • For entited interference • for interference immunity • N 61000-6-4:2001 (Class A) • for interference immunity • N 61000-6-2 • MTBF • 80.58 a • reference code • according to IEC 81346-2 • KF • according to IEC 81346-2 • KF • according to IEC 81346-2 • etandards, specifications, approvals / CE • certificate of suitability / CE marking • Yes • certificate of suitability / RoHS conformity Yes [N 50581 • Standards, specifications, approvals / hazardous environments standards, specifications, approvals / hazardous environments • from CSA and UL • ATEX • from CSA and UL • ATEX • Yes • certificate of suitability • C. Trick • Criticate of suitability • C. Trick • KC approvals / other • CSA C22.2 No. 20079-0; II 3 G Ex ec IIC T4 Gc DEKRA 18ATEX0025 X • IECEx * Yes • EN 61000-6-4:2001 • C-Trick • Yes • Ro 1000-6-4:2001 • C-Trick • Yes • Ro 1000-6-2:01; CAN/CSA-IEC 61010-2:201; Report-Nr. E85972; UL 62368-1 • CSA C22_2 No. 2:38-1; Report-Nr. E85972; UL 62368-1 • CSA C22_2 No. 2:38-1; Report-Nr. E85972; UL 62368-1 • CA	standard	
• for emitted interference EN 61000-6-2 • for interference immunity EN 61000-6-2 MTBF 80.56 a reference code - • according to IEC 81346-2 KF • according to IEC 81346-2.019 KFE standards.specifications, approvals / CE - certificate of suitability / CE marking Yes certificate of suitability / RoHS conformity Yes; EN 50581 standards, specifications, approvals / hazardous environments EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X off on CSA and UL D14, CL. 1 / Zone 2 / GP. IIG, T4 O145 X off on CSA and UL D14, CL. 1 / Zone 2 / GP. IIG, T4 Cettificate of suitability off of suitability - ATEX Yes; EN 60079-7; EN 60079-0; II 3 G Ex ce IIC T4 Gc DEKRA 18ATEX0025 X officate of suitability - C-Tick Yes Yes certificate of suitability - C-Tick Yes Yes officate of suitability - C-Tick Yes Yes officate of suitability - C-Tick Yes Yes orallway application in accordance with EN 50155 No No ollo10-2-201; CAN/CSA-IEC 61010-2-20	• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
• for interference immunity EN 61000-6-2 MTBF 80.58 a reference code	 for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
MTBF 80.58 a reference code	• for emitted interference	EN 61000-6-4:2001 (Class A)
reference code KF • according to IEC 81346-2: 2019 KF • according to IEC 81346-2:2019 KF • according to IEC 81346-2:2019 KF • certificate of suitability / CE marking Yes certificate of suitability / CE marking Yes certificate of suitability / RoHS conformity Yes; EN 50581 standards, specifications, approvals / hazardous environments EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • from CSA and UL D T4, CL. 1 / Zone 2 / GP. IIC, T4 Certificate of suitability • from CSA and UL D T4, CL. 1 / Zone 2 / GP. IIC, T4 Certificate of suitability • ATEX Yes; EN 60079-7; EN 60079-0; II 3 G Ex ec IIC T4 Gc DEKRA 18ATEX0025 X • IECEx Yes; EN 60079-7; IEC 60079-0; Ex ec IIC T4 Gc DEKRA 18ATEX0025 X • relidea, specifications, approvals / other Certificate of suitability • C-Tick Yes • KC approval Yes • railway application in accordance with EN 50155 No • railway application in accordance with EN 50124-1 No • cULus approval CeSA 6222 Pol; CAN/CSA-IEC 61010-2-201; Report-Nr. E85972; UL 62368-1 • culture approval CeSA 6222 AD 0; CA336-1; Report-Nr. E15355; ANSU/ISA 12; L10	for interference immunity	EN 61000-6-2
• according to IEC 81346-2 KF • according to IEC 81346-2:2019 KFE standards, specifications, approvals / CE	MTBF	80.58 a
• according to IEC 81346-2:2019 KFE standards, specifications, approvals / CE certificate of suitability / CE marking Yes certificate of suitability / CE marking Yes certificate of suitability / RoHS conformity Yes standards, specifications, approvals / hazardous environments standard / for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • from CSA and UL D T4, CL. 1 / Zone 2 / GP. IIC, T4 certificate of suitability ANSI / ISA 12: 12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 certificate of suitability • ATEX • ATEX Yes; EN 60079-7; EN 60079-0; II 3 G Ex ec IIC T4 Gc DEKRA 18ATEX0025 X • IECEX Yes; IEC 60079-7; IEC 60079-0; Ex ec IIC T4 Gc DEK 18.0017X standards, specifications, approvals / other EN 61000-6-4:2001 • C-Tick Yes • KC approval Yes • railway application in accordance with EN 50155 No • cultus approval Yes standards, specifications, approvals / marine classification Sca C22 2 No. 62368-1; Report-Nr. E15352; ANSI/SA 12.12.01; CSA C22.2 No. 62368-1; CSA C22.2 No.	reference code	
standards, specifications, approvals / CE certificate of suitability / CE marking Yes certificate of suitability / RoHS conformity Yes; EN 50581 standards, specifications, approvals / hazardous environments EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X e from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 certificate of suitability ATEX • ATEX Yes; EN 60079-7; EN 60079-0; II 3 G Ex ec IIC T4 Gc DEKRA 18ATEX0025 X • IECEx Yes; IEC 60079-7; IEC 60079-0; EX ec IIC T4 Gc DEK 18.0017X standards, specifications, approvals / other EN 61000-6-4:2001 • C-Tick Yes • KC approval Yes • callway application in accordance with EN 50155 No • culus approval Ves • culus approval UL 61010-2-201; CAN/CSA-IEC 61010-2-201; Report-Nr. E85972; UL 62368-1; CSA C222 Z No. 62368-1; Report-Nr. E115352; ANS/IISA 12.12.01; CSA C222 Z No. 62368-1; Report-Nr. E15352; ANS/IISA 12.12.01; CSA C22.2 No. 213; Cl. 1, Div. 2, GP A, B, C, D T4; Cl. 1, Zone 2, GP IIC T4; Report-Nr. E240480 standards, specification association available soon • French marine classification society (BV) available soon • Det Norske Veritas (DNV) No <t< td=""><td>according to IEC 81346-2</td><td>KF</td></t<>	according to IEC 81346-2	KF
certificate of suitability / CE marking Yes certificate of suitability / RoHS conformity Yes; EN 50581 standards, specifications, approvals / hazardous environments EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X standard / for hazardous zone EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X • from CSA and UL ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4 certificate of suitability • ATEX • IECEx Yes; EN 60079-7; EN 60079-0; II 3 G Ex ec IIC T4 Gc DEK 18.0017X standards, specifications, approvals / other EN 61000-6-4:2001 certificate of suitability EN 61000-6-4:2001 • C-Tick Yes • KC approval Yes • railway application in accordance with EN 50155 No • railway application in accordance with EN 50124-1 No • cULus approval Yes standards, specifications, approvals / marine classification No standards, specification association erailway application in accordance with EN 50124-1 • cULus approval Ves No standards, specification association erailway application ass	 according to IEC 81346-2:2019 	KFE
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Polski Rejestr Statkow (PRS) available soon	Polski Rejestr Statkow (PRS)	available soon
Royal Institution of Naval Architects (RINA) available soon	 Royal Institution of Naval Architects (RINA) 	available soon
accessories	ccessories	
product extension / optional / C-PLUG Yes		
further information / internet links		Yes

internet link	
 to web page: selection aid TIA Selection Tool 	http://www.siemens.com/tia-selection-tool
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