## **SIEMENS**

## Data sheet

## 6GK5208-0BA00-2AC2



SCALANCE XC208 managed Layer 2 IE switch; IEC 62443-4-2 certified; 8x 10/100 Mbps RJ45 ports; 1x console port; diagnostics LED; redundant power supply; temp. range -40 °C to +70 °C; mounting: DIN rail/S7 mounting rail/wall Office redundancy functions features (RSTP, VLAN,...); PROFINET IO device Ethernet/IPcompliant C-plug slot;

product type designation	SCALANCE XC208
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>	8; RJ45
number of 10/100 Mbit/s RJ45 ports / integrated	
• with securing collar	8
interfaces / other	
number of electrical connections	
<ul> <li>for operator console</li> </ul>	1
<ul> <li>for signaling contact</li> </ul>	1
• for power supply	1
type of electrical connection	
<ul> <li>for operator console</li> </ul>	RJ11
<ul> <li>for signaling contact</li> </ul>	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	

signal inputs/outputs         operational current / 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       Ves         voltage supply       Yes         voltage supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       24 V         • consumed current / 1 / tarated supply voltage /       0.175 A         maximum       9.6 31.2 V         • consumed current / 1 / rated supply voltage /       0.175 A         maximum       9.6 31.2 V         • consumed current / 1 / maximum       0.35 A         • type of electrical connection / 1 / for power         supply       • product component / 1 / fusing at power supply         • product component / 1 / fusing at power supply       Yes         enduring transport       -40 +70 °C         • during transport       -40 +85 °C         • during transport       -40 +85 °C         • during transport       -40 +70 °C         • during transport       -40 +70 °C         • during transport       -40 +70 °C	• C-PLUG	Yes
operating voltage / of the signaling contacts       24 V         operational current / of the signaling contacts       0.1 A         supply voltage, current consumption, power loss       0.1 A         supply voltage, current consumption, power loss       0.1 A         product component / connection for redundant voltage supply       Yes         type of voltage / 1 / of the supply voltage = supply voltage / 1 / of the supply voltage       DC         • supply voltage / 1 / rated value       4.2 W         • consumed current / 1 / at rated supply voltage / maximum       0.176 A         • supply voltage / 1 / rated value       9.6 31.2 V         • consumed current / 1 / maximum       0.35 A         • type of electrical connection / 1 / for power supply       • product component / 1 / fusing at power supply         • product component / 1 / fusing at power supply       Yes         ambient temperature       -40 +70 °C         • during storage       -40 +85 °C         • during storage       -40 +85 °C         • during operation       -40 +70 °C         • during storage       -40 +70 °C         • during operation       -40 +7	signal inputs/outputs	
operational current / of the signaling contacts     0.1 A       supply voltage, current consumption, power loss     Yes       product component / connection for redundant voltage supply     Yes       type of voltage / 1 / rated value     24 V       • supply voltage / 1 / rated value     24 V       • power loss [M] / 1 / rated value     24 V       • consumed current / 1 / rated supply voltage / maximum     0.175 A       • supply voltage / 1 / rated value     9.6 31.2 V       • consumed current / 1 / rated value     9.6 31.2 V       • consumed current / 1 / rated value     9.6 31.2 V       • consumed current / 1 / rated value     9.6 31.2 V       • consumed current / 1 / fusing at power supply     Yes       • product component / 1 / fusing at power supply     Yes       • product component / 1 / fusing at power supply     Yes       • product component / 1 / fusing at power supply     Yes       • product component / 1 / fusing at power supply     Yes       • product component / 1 / fusing at power supply     Yes       • during storage     -40 +70 °C       • during storage     -40 +85 °C       • during storage     -40 +85 °C       • during transport     IP20       design     compact       width     60 mm       • at 25 °C / without condensation / during operation / maximum<		
• at DC / maximum     0.1 Å       supply voltage, current consumption, power loss     Yes       product component / connection for redundant voltage supply     Yes       type of voltage / 1 / of the supply voltage = supply voltage / 1 / rated value     24 V       • power loss [W] / 11 / rated value     42 W       • consumed current / 1 / at rated supply voltage / maximum     0.35 Å       • type of electrical connection / 1 / for power supply     9.6 31.2 V       • consumed current / 1 / maximum     0.35 Å       • type of electrical connection / 1 / for power supply     Yes       ambient conditions     4-pole terminal block       ambient conditions     -40 +70 °C       • during operation     -40 +85 °C       • during transport     -40 +85 °C       • during transport     -40 +85 °C       • during transport     -40 +25 °C       • at 25 °C / without conden	• at DC / rated value	24 V
Supply voltage, current consumption, power loss           product component / connection for redundant         Yes           voltage supply         DC           • supply voltage / 1 / rated value         24 V           • power loss [W] / 1 / rated value         42 W           • consumed current / 1 / at rated supply voltage /         0.175 A           • aximum         9.6 31.2 V           • consumed current / 1 / maximum         0.35 A           • type of electrical connection / 1 / for power         4-pole terminal block           supply         • poeter tors of electrical connection / 1 / for power           supply         • product component / 1 / fusing at power supply           • product component / 1 / fusing at power supply         Yes           • during operation         -40 +70 °C           • during storage         -40 +85 °C           • during transport         -40 +85 °C           relative humidity         95 %           • portection class IP         IP20           design         compact           width         60 mm           height         0.52 kg           material / of the enclosure         Polycarbonate (PC-GF10) / pressure die cast aluminum           fastening method         -35 mm           • S8 minounting <td>operational current / of the signaling contacts</td> <td></td>	operational current / of the signaling contacts	
product component / connection for redundant voltage supply     Yes       type of voltage / 1 / of the supply voltage     DC       • supply voltage / 1 / rated value     24 V       • consumed current / 1 / at rated supply voltage / maximum     0.175 A       • supply voltage / 1 / rated value     9.6 31.2 V       • consumed current / 1 / maximum     0.35 A       • type of electrical connection / 1 / for power supply     9.6 31.2 V       • product component / 1 / maximum     0.35 A       • type of electrical connection / 1 / for power supply     • product component / 1 / fusing at power supply input       • product component / 1 / fusing at power supply input     Yes       ambient conditions     -40 +70 °C       • during operation     -40 +70 °C       • during transport     -40 +85 °C       • during transport     -40 +85 °C       • during transport     -40 +70 °C </td <td>• at DC / maximum</td> <td>0.1 A</td>	• at DC / maximum	0.1 A
voltage supplyDCtype of voltage / 1 / of the supply voltage / supply voltage / 1 / rated valueDC• supply voltage / 1 / rated value24 V• power loss [W] / 1 / rated value4.2 W• consumed current / 1 / at rated supply voltage / maximum0.175 A• supply voltage / 1 / rated value9.6 31.2 V• consumed current / 1 / maximum0.35 A• type of electrical connection / 1 / for power supply4-pole terminal block• type of electrical connection / 1 / for power supply4-pole terminal block• during operation-40 +70 °C• during storage-40 +85 °C• during transport-40 +85 °C• during transport-40 +85 °C• during transport95 %• at 25 °C / without condensation / during operation / maximum95 %• protection class IPIP20designcompactwidth60 mmheight125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• S7-300 rail mountingYes• S7-300 rail mountingYes	supply voltage, current consumption, power loss	
type of voltage / 1 / of the supply voltage         DC           • supply voltage / 1 / rated value         24 V           • power loss [W] / 1 / rated value         4.2 W           • consumed current / 1 / at rated supply voltage / maximum         0.175 A           • supply voltage / 1 / rated value         9.6 31.2 V           • consumed current / 1 / maximum         0.35 A           • type of electrical connection / 1 / for power supply         4-pole terminal block           • uring operation         4-pole terminal block           • during operation         -40 +70 °C           • during storage         -40 +70 °C           • during transport         -40 +85 °C           • felative humidity         95 %           • at 25 °C / without condensation / during operation / during operation / maximum         95 %           • at 25 °C / without condensation / during operation / maximum         95 %           • at 25 °C / without condensation / during operation / during torage         60 mm           • at 25 °C / without condensation / during operation / during operation / during torage         95 %           • at 25 °C / without condensation / during operation / maximum         95 %           rotection class IP         IP20           design         compact           width         60 mm		Yes
• supply voltage / 1 / rated value       24 V         • power loss [W] / 1 / rated value       4.2 W         • consumed current / 1 / at rated supply voltage / maximum       0.175 A         • supply voltage / 1 / rated value       9.6 31.2 V         • consumed current / 1 / maximum       0.35 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply       Yes         ambient temperature       -40 +70 °C         • during operation       -40 +85 °C         • during transport       -40 +85 °C         relative humidity       95 %         • at 25 °C / without condensation / during operation / maximum       95 %         protection class IP       IP20         design       compact         width       60 mm         height       125 mm         net wight       0.52 kg         material / of the enclosure       Polycarbonate (PC-GF10) / pressure die cast aluminum         festening method       -35 mm top hat DIN rail mounting         • S7-300 rail mounting       Yes		
<ul> <li>power loss [W] / 1 / rated value</li> <li>consumed current / 1 / at rated supply voltage / maximum</li> <li>supply voltage / 1 / rated value</li> <li>9.6 31.2 V</li> <li>consumed current / 1 / maximum</li> <li>0.35 A</li> <li>type of electrical connection / 1 / for power</li> <li>supply</li> <li>eproduct component / 1 / fusing at power supply</li> <li>product component / 1 / fusing at power supply</li> <li>product component / 1 / fusing at power supply</li> <li>product component / 1 / fusing at power supply</li> <li>Yes</li> </ul> ambient temperature <ul> <li>during operation</li> <li>40 +70 °C</li> <li>during transport</li> <li>40 +85 °C</li> </ul> relative humidity <ul> <li>95 %</li> </ul> design <ul> <li>compact</li> <li>width</li> <li>60 mm</li> </ul> height <ul> <li>147 mm</li> <li>design</li> <li>compact</li> <li>width</li> <li>0.52 kg</li> </ul> Polycarbonate (PC-GF10) / pressure die cast aluminum fastening method <ul> <li>35 mit top hat DIN rail mounting</li> <li>Yes</li> </ul>		
<ul> <li>e. consumed current / 1 / at rated supply voltage / maximum</li> <li>e. supply voltage / 1 / rated value</li> <li>e</li></ul>	<ul> <li>supply voltage / 1 / rated value</li> </ul>	24 V
maximum       9.6 31.2 V         • consumed current / 1 / rated value       9.6 31.2 V         • consumed current / 1 / maximum       0.35 A         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply       Yes         ambient conditions	<ul> <li>power loss [W] / 1 / rated value</li> </ul>	4.2 W
<ul> <li>consumed current / 1 / maximum</li> <li>0.35 A</li> <li>evpe of electrical connection / 1 / for power supply</li> <li>evproduct component / 1 / fusing at power supply</li> <li>evproduct component / 1 / fusing at power supply</li> <li>evproduct component / 1 / fusing at power supply</li> <li>res</li> </ul> <b>ambient temperature</b> <ul> <li>during operation</li> <li>40 +70 °C</li> <li>during storage</li> <li>evproduct condensation / during</li> <li></li></ul>		0.175 A
• type of electrical connection / 1 / for power supply       4-pole terminal block         • type of electrical connection / 1 / for power supply       4-pole terminal block         • product component / 1 / fusing at power supply input       Yes         ambient temperature       -40 +70 °C         • during operation       -40 +70 °C         • during storage       -40 +85 °C         • during transport       -40 +85 °C         relative humidity       95 %         • operation / maximum       95 %         protection class IP       IP20         design       compact         width       60 mm         height       147 mm         depth       125 mm         net weight       0.52 kg         material / of the enclosure       Polycarbonate (PC-GF10) / pressure die cast aluminum         fastening method       Yes         • wall mounting       Yes	<ul> <li>supply voltage / 1 / rated value</li> </ul>	9.6 31.2 V
supply       • product component / 1 / fusing at power supply       Yes         ambient conditions	<ul> <li>consumed current / 1 / maximum</li> </ul>	0.35 A
ambient conditions         ambient temperature         • during operation         • during storage         • during storage         • during transport         • at 25 °C / without condensation / during         • per ation / maximum         protection class IP         IP20         design         design         width         height         147 mm         depth         net weight         0.52 kg         material / of the enclosure         fastening method         • 35 mm top hat DIN rai		4-pole terminal block
inputambient conditionsambient temperature• during operation-40 +70 °C• during storage-40 +85 °C• during transport-40 +85 °Crelative humidity• at 25 °C / without condensation / during operation / maximumprotection class IPIP20clesign widthheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	<ul> <li>product component / 1 / fusing at power supply</li> </ul>	Yes
ambient temperature       -40 +70 °C         • during operation       -40 +85 °C         • during transport       -40 +85 °C         • during transport       -40 +85 °C         relative humidity       95 %         operation / maximum       95 %         protection class IP       IP20         design, dimensions and weights       60 mm         design       compact         width       60 mm         height       147 mm         depth       0.52 kg         material / of the enclosure       Polycarbonate (PC-GF10) / pressure die cast aluminum         fastening method       -35 mm top hat DIN rail mounting         Yes       Yes         • wall mounting       Yes		
• during operation-40 +70 °C• during storage-40 +85 °C• during transport-40 +85 °Crelative humidity95 %• at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20design (dimensions and weightsdesign (dimensions and weights)design (dimensions and weights)60 mmheight147 mmdepth (dipt)0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	ambient conditions	
• during storage-40 +85 °C• during transport-40 +85 °C• during transport-40 +85 °Crelative humidity95 %• at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20design, dimensions and weightsdesigncompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	ambient temperature	
• during transport       -40 +85 °C         relative humidity       95 %         • at 25 °C / without condensation / during operation / maximum       95 %         protection class IP       IP20         design, dimensions and weights       compact         design       compact         width       60 mm         height       147 mm         depth       125 mm         net weight       0.52 kg         material / of the enclosure       Polycarbonate (PC-GF10) / pressure die cast aluminum         fastening method       Yes         • wall mounting       Yes         • S7-300 rail mounting       Yes	<ul> <li>during operation</li> </ul>	-40 +70 °C
relative humidity       95 %         • at 25 °C / without condensation / during operation / maximum       95 %         protection class IP       IP20         design, dimensions and weights       60 mm         design       compact         width       60 mm         height       147 mm         depth       125 mm         net weight       0.52 kg         material / of the enclosure       Polycarbonate (PC-GF10) / pressure die cast aluminum         fastening method       Yes         • wall mounting       Yes         • S7-300 rail mounting       Yes	<ul> <li>during storage</li> </ul>	-40 +85 °C
• at 25 °C / without condensation / during operation / maximum95 %protection class IPIP20design, dimensions and weightscompactdesigncompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	• during transport	-40 +85 °C
operation / maximumIP20protection class IPIP20design, dimensions and weightscompactdesigncompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening method• wall mountingYes• wall mountingYes• S7-300 rail mountingYes	relative humidity	
protection class IPIP20design, dimensions and weightsdesigncompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	<ul> <li>at 25 °C / without condensation / during</li> </ul>	95 %
design, dimensions and weightsdesigncompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	operation / maximum	
designcompactwidth60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening method	protection class IP	IP20
width60 mmheight147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• wall mountingYes• S7-300 rail mountingYes	design, dimensions and weights	
height147 mmdepth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	design	compact
depth125 mmnet weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	width	
net weight0.52 kgmaterial / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening methodYes• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	height	147 mm
material / of the enclosurePolycarbonate (PC-GF10) / pressure die cast aluminumfastening method• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	depth	125 mm
fastening method     Yes       • 35 mm top hat DIN rail mounting     Yes       • wall mounting     Yes       • S7-300 rail mounting     Yes		0.52 kg
• 35 mm top hat DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes	material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
• wall mounting     Yes       • S7-300 rail mounting     Yes	fastening method	
• S7-300 rail mounting Yes	<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	Yes
	<ul> <li>wall mounting</li> </ul>	Yes
• S7-1500 rail mounting Yes	<ul> <li>S7-300 rail mounting</li> </ul>	Yes
	<ul> <li>S7-1500 rail mounting</li> </ul>	Yes

product features, product functions, product comp	onents / general
cascading in the case of a redundant ring / at	50
reconfiguration time of <\~0.3\~s	
cascading in cases of star topology	any (depending only on signal propagation time)
product function / QoS according to DSCP	Yes
product feature	
<ul> <li>Cut Through switching method</li> </ul>	No
<ul> <li>Store &amp; Forward switching method</li> </ul>	Yes

product functions / management, configuration, eng	gineering
product function	
• CLI	Yes
<ul> <li>web-based management</li> </ul>	Yes
MIB support	Yes
• TRAPs via email	Yes
<ul> <li>configuration with STEP 7</li> </ul>	Yes
• RMON	Yes
SMTP server	No
• port mirroring	Yes
multiport mirroring	Yes
• CoS	Yes
PROFINET IO diagnosis	Yes
PROFINET conformity class	В
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	1632 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• BOOTP	No
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
<ul> <li>IGMP (snooping/querier)</li> </ul>	Yes
identification & maintenance function	
<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
<ul> <li>I&amp;M1 – higher level designation/location designation</li> </ul>	Yes

product functions / diagnostics	
product function	
<ul> <li>port diagnostics</li> </ul>	Yes
<ul> <li>statistics Packet Size</li> </ul>	Yes
<ul> <li>statistics packet type</li> </ul>	Yes
• error statistics	Yes
● SysLog	Yes
product functions / VLAN	
product function	
<ul> <li>VLAN - port based</li> </ul>	Yes
<ul> <li>VLAN - protocol-based</li> </ul>	No
• VLAN - IP-based	No
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
protocol / is supported / GVRP	Yes
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
product functions / redundancy	
product function	
<ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</li> </ul>	Yes
<ul> <li>ring redundancy</li> </ul>	Yes
<ul> <li>High Speed Redundancy Protocol (HRP)</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with redundancy manager</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with standby redundancy</li> </ul>	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul>	Yes
<ul> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> </ul>	Yes
<ul> <li>of the PROFINET IO device / is supported / H- Sync forwarding</li> </ul>	Yes

<ul> <li>redundancy procedure STP</li> </ul>	Yes
<ul> <li>redundancy procedure RSTP</li> </ul>	Yes
<ul> <li>redundancy procedure RSTP+</li> </ul>	Yes
<ul> <li>redundancy procedure MSTP</li> </ul>	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No
<ul> <li>passive listening</li> </ul>	Yes
protocol / is supported	
• LACP	Yes
product functions / security	
product function	
• IEEE 802.1x (radius)	Yes
<ul> <li>broadcast/multicast/unicast limiter</li> </ul>	Yes
<ul> <li>broadcast blocking</li> </ul>	Yes
protocol / is supported	
• SSH	Yes
• SSL	Yes
product functions / time	
product function	
<ul> <li>SICLOCK support</li> </ul>	Yes
NTP-client	Yes
SNTP client	Yes
protocol / is supported	
• NTP	Yes
• SNTP	Yes
system modification during operation	
product function / configuration in RUN via CiR/H-CiR	Yes
standards, specifications, approvals	
Security for industrial automation and control	Yes
systems / acc. to IEC 62443-4-2:2019	10
MTBF	48 y
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
product conformity / according to EMC-guideline	2014/30/EU
standard	
<ul> <li>for EMC interference emission</li> </ul>	EN 61000-6-4, EN 50121-4
<ul> <li>for immunity to EMC</li> </ul>	EN 61000-6-2, EN 50121-4
certificate of suitability / RoHS conformity	Yes; 2011/65/EU

standards, specifications, approvals / hazardous er	nvironments
certificate of suitability	
• ATEX	Yes; EN 60079-0, EN 60079-15
<ul> <li>for ATEX / as marking</li> </ul>	II 3 G Ex nA II T4 Gc
<ul> <li>for ATEX / as certificate</li> </ul>	KEMA 07ATEX0145 X
• IECEx	Yes; IEC 60079-0, IEC 60079-15
• for IECEx / as marking	Ex nA II T4 Gc
• for IECEx / as certificate	IECEX DEK 14.0025X
<ul> <li>for cULus HazLoc / as marking</li> </ul>	CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4
• for cULus HazLoc / as File Nr.	E240480 (NWHP, NWHP7)
• FM registration	Yes; FM class 3600:2011, FM class 3611:2004, FM class 3810:2005, ANSI/ISA-61010-1:2004
● for FM / as marking	CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: - 40 °C +70 °C
• for FM / as certificate	FM16US0205X
standards, specifications, approvals / other	
certificate of suitability	
<ul> <li>railway application in accordance with EN 50121-4</li> </ul>	Yes
<ul> <li>Regulatory Compliance Mark (RCM)</li> </ul>	Yes
• for UL 61010-2-201 / as File Nr.	E85972 (NRAQ, NRAQ7)
• for UL 60950-1 / as File Nr.	E115352 (NWGQ, NWGQ7)
<ul> <li>EAC approval</li> </ul>	Yes
standards, specifications, approvals / marine class	ification
	ification
standards, specifications, approvals / marine class	ification Yes
standards, specifications, approvals / marine class Marine classification association • American Bureau of Shipping Europe Ltd.	
standards, specifications, approvals / marine class Marine classification association • American Bureau of Shipping Europe Ltd. (ABS)	Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> </ul>	Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association</li> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</li> <li>DNV GL</li> </ul>	Yes Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association <ul> <li>American Bureau of Shipping Europe Ltd.</li> <li>(ABS)</li> <li>French marine classification society (BV)</li> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> </ul> </li> </ul>	Yes Yes Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association <ul> <li>American Bureau of Shipping Europe Ltd.</li> <li>(ABS)</li> <li>French marine classification society (BV)</li> <li>DNV GL</li> <li>Korean Register of Shipping (KRS)</li> <li>Lloyds Register of Shipping (LRS)</li> </ul> </li> </ul>	Yes Yes Yes Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association <ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</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> </ul> </li> </ul>	Yes Yes Yes Yes Yes
standards, specifications, approvals / marine class         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • DNV GL         • Korean Register of Shipping (KRS)         • Lloyds Register of Shipping (LRS)         • Nippon Kaiji Kyokai (NK)         • Polski Rejestr Statkow (PRS)	Yes Yes Yes Yes Yes Yes
<ul> <li>standards, specifications, approvals / marine class</li> <li>Marine classification association <ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> <li>French marine classification society (BV)</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> </li> </ul>	Yes Yes Yes Yes Yes Yes
standards, specifications, approvals / marine class         Marine classification association         • American Bureau of Shipping Europe Ltd.         (ABS)         • French marine classification society (BV)         • 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
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standards, specifications, approvals / marine class         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • 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)         accessories         product extension / optional / C-PLUG         further information / internet-Links         Internet-Link         • to website: Selector TIA Selection Tool	Yes Yes Yes Yes Yes Yes Yes Yes
standards, specifications, approvals / marine class         Marine classification association         • American Bureau of Shipping Europe Ltd. (ABS)         • French marine classification society (BV)         • 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)         accessories         product extension / optional / C-PLUG         further information / internet-Links         Internet-Link	Yes Yes Yes Yes Yes Yes Yes

• to website: Information and Download Center http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb • to website: Image database • to website: CAx-Download-Manager http://www.siemens.com/cax https://support.industry.siemens.com • to website: Industry Online Support security information security information Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive

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