## **SIEMENS**

Data sheet

## 6GK5324-0GG10-3AR2

SCALANCE XR324-12M; managed IE switch, 19" rack; 12x 100/1000 Mbit/s 2-port media modules, electrical or optical; LED diagnostics; error signaling Contact; Select/set pushbutton, PROFINET IO device, network management, Integrated redundancy manager, office features (RSTP, VLAN, IGMP,...) C-plug in scope of delivery Power supply 230 V AC; Ports in the front



Product type designation	SCALANCE XR324-12M
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
Interfaces / for communication / Integrated	
Number of 100 Mbit/s ST(BFOC) ports	
• for multimode	24
Number of 100 Mbit/s SC ports	
• for multimode	24
Number of 1000 Mbit/s LC ports	
• for multimode	24
• for single mode (LD)	24
Interfaces / other	
Number of electrical connections	
<ul> <li>for operator console</li> </ul>	1
<ul> <li>for signaling contact</li> </ul>	1
• for media module	12
• for power supply	1
<ul> <li>for redundant voltage supply</li> </ul>	0

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	2-pole terminal block
design of the removable storage	
• C-PLUG	Yes
Circul insula/autouta	
Signal inputs/outputs Operating voltage / of the signaling contacts	
at DC / Rated value	24 V
Operating current / of the signaling contacts	2 T V
• at DC / maximum	0.1 A
	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage supply / redundant power supply unit	No
Type of voltage / of the supply voltage	AC
Supply voltage	
• external	230 V
• external / minimum	85 V
• external / maximum	264 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	3.15 A / 250 V
Consumed current / maximum	0.8 A
Power loss [W]	
• at AC / at 230 V	50 W
Ambient conditions	
Ambient temperature	
<ul> <li>during operation</li> </ul>	-40 +70 °C
• during storage	-40 +85 °C
during transport	-40 +85 °C
• Note	Reduced operating temperature through the use of media
	modules (-40 °C to +70 °C) or SFP plug-in transceivers (-40 °C to
	+60 °C). If the device is installed in the vertical position, the
	maximum operating temperature is reduced to +50 °C.
Relative humidity	
<ul> <li>at 25 °C / without condensation / during</li> </ul>	95 %
operation / maximum	
Protection class IP	IP20
Design, dimensions and weights	
Design	19" rack
Number of modular height units / relating to 19-inch	1
cabinet	
Width	483 mm
Height	44 mm

Depth	305 mm
Net weight	5.9 kg
Product feature / conformal coating	No
Mounting type	When used in shipbuilding, the device must be secured in the 19" rack at four points
• 19-inch installation	Yes
<ul> <li>35 mm DIN rail mounting</li> </ul>	No
wall mounting	No
• S7-300 rail mounting	No
<ul> <li>S7-1500 rail mounting</li> </ul>	No
Product features, product functions, product compo	
Cascading in the case of a redundant ring / at	100
reconfiguration time of <\~0.3\~s	any (depending a by an airmal proposition time)
Cascading in cases of star topology	any (depending only on signal propagation time)
Product functions / management, configuration, en	gineering
Product function	
• CLI	Yes
<ul> <li>web-based management</li> </ul>	Yes
MIB support	Yes
<ul> <li>TRAPs via email</li> </ul>	Yes
<ul> <li>Configuration with STEP 7</li> </ul>	Yes
• RMON	Yes
Port mirroring	Yes
multiport mirroring	Yes
• CoS	Yes
<ul> <li>PROFINET IO diagnosis</li> </ul>	Yes
PROFINET conformity class	В
Product function / switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	Yes
• GMRP	Yes
• DCP	Yes
• LLDP	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</li> </ul>	Yes
designation	
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
<ul> <li>VLAN - IP-based</li> </ul>	No
<ul> <li>VLAN dynamic</li> </ul>	Yes
Number of VLANs / maximum	255
Number of VLANs - dynamic / maximum	255
Protocol / is supported / GVRP	Yes
Product functions / DHCP	
Product function	
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
Product functions / redundancy	
Product function	
<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>redundancy procedure STP</li> </ul>	Yes

redundancy proceedure MSTP     Yes     Parallel Redundancy Protocol (PRP)/operation     In the PRP-network     Parallel Redundancy Protocol     (PRP)/Redundant Network Access (RNA)     Passive listening     Yes     Protocol / is supported     STP/RSTP     Yes     STP     STP     Yes     RSTP     Yes     RSTP     Yes     RSTP     Yes     RSTP     Yes     Yes     RSTP     Yes     Yes     Yes     Product functions / Security     Yes     Yes	<ul> <li>redundancy procedure RSTP</li> </ul>	Yes
• Parallel Redundaroy Protocol (PRP)/operation in the PRP-network     Yes       • Parallel Redundaroy Protocol (PRP/PRedundari Network Access (RNA)     No       • Parallel Redundaroy Protocol (PRP/PRedundari Network Access (RNA)     No       • Passive listening     Yes       • Parallel Redundaroy Protocol (PRP/PRedundari Network Access (RNA)     Yes       • Passive listening     Yes       • STP/RSTP     Yes       • STP     Yes       • RSTP     Yes       • RSTP     Yes       • RSTP     Yes       • RSTP big network support     Yes       • LACP     Yes       Product function     Yes       • ACL - NAC-based     Yes       • Droduct function     Yes       • ACL - NAC-based     Yes       • Droduct function     Yes       • Droduct function     Yes       • Droduct function     Yes       • Protocol / is supported     Yes       • SSH     Yes       Protocol / is supported     Yes       • NTP     Yes       • SCLOCK support     Yes       • SICL OCK support     Yes       • SICLOCK support     Yes       • SICLOCK support     Yes       • Standard     Yes       • for hazardous zone     -       • for		
in the PRP-network Parallel Redundancy Protocol (PRPI)/Redundant Network Access (RNA) Parallel Redundant Network Access (RNA) Protocol / is supported STP/RSTP Yes STP Yes RSTP Yes RSTP Yes RSTP Yes RSTP Yes RSTP Product function ACL - MAC-based Yes ACL - port/MAC-based Yes ACL - port/MAC-based Yes Broadcast/Muticast Limiter Yes Product function SSH Yes Protocol / is supported SSH Yes SINTP SIAndard SICOCK support SIAndard Yes SIAndard Yes SIAndard Yes SIAndard Som SA of UL No for matrenece EN 61000-64-2007 (Class A) For interference immunity EN 61000-64-2007 (Class A) For interference immunity EN 61000-64-2007 (Class A) For mitter ference immunity SIAndards, specifications, approvals / CE		
(PRP)/Redundant Network Access (RNA)       Yes         • Passive listening       Yes         Protocol / is supported       Yes         • STP/RSTP       Yes         • RSTP       Yes         • RSTP       Yes         • MSTP       Yes         • LACP       Yes         Product functions / Security       Yes         Product function       Yes         • ACL - MAC-based       Yes         • ACL - MAC-based       Yes         • EEE 602.1x (radius)       Yes         • Broadcast Multicast/Unciast Limiter       Yes         • Broadcast Multicast/Unciast Limiter       Yes         • SSH       Yes         Protocol / is supported       Yes         • SSH       Yes         Protocol / is supported       Yes         • SITP       Yes         Protocol / is supported       Yes         • SITP       Yes         Protocol / is supported       Yes         • SINTP       Yes         Standard       Yes         * Ice 1588 profile default       Yes         Standard       Yem CSA and UL         • for interference       EN 61000-64-12007 (Class A)         •		
• Passive listening     Yes       Protocol / is supported     • STP/RSTP       • STP/RSTP     Yes       • RSTP     Yes       • RSTP     Yes       • MSTP     Yes       • RSTP big network support     Yes       • LACP     Yes       Product functions / Security     Yes       Product function     Yes       • ACL - MAC-based     Yes       • ACL - port/MAC-based     Yes       • IEEE 802.1x (radius)     Yes       • broadcast/Multicast/Unicast Limiter     Yes       • broadcast/Multicast/Unicast Limiter     Yes       • broadcast/Multicast/Unicast Limiter     Yes       • Protocol / is supported     Yes       • SSH     Yes       Protocol / is supported     Yes       • SICLOCK support     Yes       Protocol / is supported     Yes       • NTP     Yes       Protocol / is supported     Yes       • SICLOCK support     Yes       Standards     Specifications, approvals       Standards     Specifications, approvals       Standards     For hazardous zone       • for hazardous zone / from CSA and UL     No       • for interference immunity     EN 61000-6-2-2005       MTBF     15 y	<ul> <li>Parallel Redundancy Protocol</li> </ul>	No
Protocol / is supported         • STP/RSTP         • STP         • STP         • RSTP         • MSTP         • RSTP big network support         • LACP         Product functions / Security         Protocol / is supported         • SSH         Product function         • SICLOCK support         • SICLOCK support         • NTP         • SICLOCK support         • Standards, specifications, approvals         Standards, specifications, approvals         Standards         Standards sone / from CSA and UL         • for interference         • for intefference immunity	(PRP)/Redundant Network Access (RNA)	
• STP/RSTPYes• STPYes• RSTPYes• RSTPYes• RSTP big network supportYes• LACPYes• Product functions / SecurityProduct functionYes• ACL - MAC-basedYes• ACL - port/MAC-basedYes• ACL - port/MAC-basedYes• Broadcast/Multicast/Unicast LimiterYes• Broadcast blockingYes• broadcast blockingYesProtoct functionYes• SSHYesProduct functionYes• STPYesProtocol / is supportedYes• SICLOCK supportYesProtocol / is supportedYes• SITPYes• SITPYes• IEEE 1588 profile defaultYesStandard-• for hazardous zone-• for hazardous zone-• for interferenceEl N 1000-6-4:2007 (Class A)• for interferenceEl N 61000-6-2:2005MTBF15 yStandards, specifications, approvals / CE	Passive listening	Yes
STPYes• RSTPYes• MSTPYes• RSTP big network supportYes• LACPYesProduct functions / SecurityProduct functions / Security• ACL - MAC-based• ACL - MAC-based• CEEE 802.1 x (radius)· Broadcast/Multicast/Unicast Limiter· Broadcast/Multicast/Unicast Limiter· Broadcast blockingYesProtocol / is supported• SSH· SSHProduct functions / timeProduct functions / timeProtocol / is supported• SICLOCK support· SICLOCK support· SITP· SITP· SINTP· EEE 1588 profile defaultYesStandard· for hazardous zone· for insafely / from CSA and UL· for interference· for interference· for interference· for interference· for interference· for interference· for interference immunityEN 61000-64:2007 (Class A)· for interference immunityEN 61000-62:2005MTBFStandards, specifications, approvals / CE	Protocol / is supported	
OrtYes• NSTPYes• RSTP big network supportYes• RSTP big network supportYes• LACPYesProduct functions / SecurityProduct functionYes• ACL - MAC-basedYes• ACL - MAC-basedYes• ACL - port/MAC-basedYes• Broadcast/Multicast/LimiterYes• Broadcast/Multicast/LimiterYes• Broadcast blockingYesProtocol / is supportedYes• SSHYesProduct functions / timeYesProtocol / is supportedYes• SICLOCK supportYesProtocol / is supportedYes• Or hazardous zoneYesStandard-• for neardous zone / fom CSA and ULUs 508, CSA C22.2 No. 142-M1987• for interferenceEN 61000-64:2007 (Class A)• for interferenceEN 61000-	• STP/RSTP	Yes
INSTP       Yes         RSTP big network support       Yes         LACP       Yes         Product functions / Security       Yes         Product function          • ACL - MAC-based       Yes         • ACL - port/MAC-based       Yes         • ACL - port/MAC-based       Yes         • Broadcast/Multicast/Unicast Limiter       Yes         • broadcast blocking       Yes         • broadcast blocking       Yes         Product functions / time       Yes         Product function       Yes         • SSH       Yes         Product function       Yes         • SICLOCK support       Yes         Product function       Yes         • SICLOCK support       Yes         Protocol / is supported       Yes         • NTP       Yes         • SINTP       Yes         • IEEE 1588 profile default       Yes         Standard       -         • for hazardous zone       -         • for hazardous zone       -         • for insterforence       EN 61000-64:2007 (Class A)         • for interference       EN 61000-64:2007 (Class A)         • for interference immunity       EN 6	• STP	Yes
• RSTP big network support     Yes       • LACP     Yes       Product functions / Security       Product function     • ACL - MAC-based       • ACL - port/MAC-based     Yes       • ACL - port/MAC-based     Yes       • EEE 802.1x (radius)     Yes       • Broadcast/Multicast/Unicast Limiter     Yes       • broadcast blocking     Yes       • Product functions / is supported     Yes       • SSH     Yes       Product function /     Yes       • SICLOCK support     Yes       • SICLOCK support     Yes       • NTP     Yes       • NTP     Yes       • IEEE 1588 profile default     Yes       Standard     -       • for hazardous zone     -       • for instremence     EN 61000-64:2007 (Class A)       • for interference     EN 61000-64:2005       MTBF     15 y	• RSTP	Yes
• LACP     Yes       Product functions / Security     Product function       • ACL - MAC-based     Yes       • ACL - port/MAC-based     Yes       • IEEE 802.1x (radius)     Yes       • Broadcast/Multicast/Unicast Limiter     Yes       • broadcast blocking     Yes       Protocol / is supported     Yes       • SSH     Yes       Product function     Yes       Product function     Yes       Product functions / time     Yes       Product function     Yes       Protocol / is supported     Yes       • NTP     Yes       Standard     Yes       • for hazardous zone     -       • for hazardous zone     -       • for interference     EN 61000-6-4:2007 (Class A)       • for interference immunity     EN 61000-6-2:2005       MTBF     15 y	• MSTP	Yes
Product functions / Security       Product function          • ACL - MAC-based          • ACL - port/MAC-based          • EEE 802.1x (radius)          • Broadcast/Multicast/Unicast Limiter          • broadcast blocking          Product function          • broadcast blocking          Product functions / time          Product function           • SSH          Product function           • SSH          Product function           • SICLOCK support          Protocol / is supported           • SICLOCK support          Protocol / is supported           • SITP           • IEEE 1588 profile default          Yes           Standard           • for hazardous zone           • for hazardous zone          • for interference          • for finterference          • for finterference          • for interference immunity          • for solution interference          • for interference immunity          Finterference immunity          Finterference immunity          Finterference immunity          Finterference immunity          Finteritoris, approvals / CE   Standards	<ul> <li>RSTP big network support</li> </ul>	Yes
Product function <ul> <li>ACL - MAC-based</li> <li>Yes</li> <li>ACL - port/MAC-based</li> <li>Yes</li> <li>Broadcast/Multicast/Unicast Limiter</li> <li>Yes</li> <li>Broadcast/Multicast/Unicast Limiter</li> <li>Yes</li> <li>Product functions / time</li> <li>Yes</li> <li>Product function</li> <li>Yes</li> <li>Protocol / is supported</li> <li>Yes</li> <li>Standards, specifications, approvals</li> <li>Standard</li> <li>for hazardous zone</li> <li>for hazardous zone / from CSA and UL</li> <li>Yes for emitted interference</li> <li>EN 61000-6-4:2007 (Class A)</li> <li>for interference immunity</li> <li>EN 61000-6-2:2005</li> <li>MTBF</li> <li>To y</li> <li>Standards, specifications, approvals / CE</li> <li>Standards, specifications, approvals / C</li></ul>	• LACP	Yes
<ul> <li>ACL - MAC-based Yes</li> <li>ACL - port/MAC-based Yes</li> <li>IEEE 802.1x (radius) Yes</li> <li>Broadcast/Multicast/Unicast Limiter Yes</li> <li>broadcast blocking Yes</li> <li>Protocol / is supported</li> <li>SSH Yes</li> <li>Product functions / time</li> <li>Product function         <ul> <li>SICLOCK support</li> <li>Yes</li> </ul> </li> <li>Protocol / is supported</li> <li>SSH Yes</li> <li>Product function</li> <ul> <li>SICLOCK support</li> <li>Yes</li> </ul> <li>Protocol / is supported</li> <li>SICLOCK support</li> <li>Yes</li> <li>Protocol / is supported</li> <li>SICLOCK support</li> <li>Yes</li> <li>Protocol / is supported</li> <li>SICLOCK support</li> <li>Yes</li> <li>Protocol / is supported</li> <li>SITP</li> <li>Yes</li> <li>Standard</li> <li>for hazardous zone / fom CSA and UL</li> <li>for emitted interference</li> <li>EN 61000-6-4:2007 (Class A)</li> <li>for interference immunity</li> <li>EN 61000-6-2:2005</li> <li>MTBF</li> <li>T5 y</li> </ul>		
• ACL - port/MAC-based       Yes         • IEEE 802.1x (radius)       Yes         • Broadcast/Multicast/Unicast Limiter       Yes         • broadcast blocking       Yes         Protocol / is supported       Yes         • SSH       Yes         Product function       Yes         • SICLOCK support       Yes         Product function       Yes         • SICLOCK support       Yes         Protocol / is supported       Yes         • NTP       Yes         • IEEE 1588 profile default       Yes         Standards       Standard         • for hazardous zone       -         • for hazardous zone / from CSA and UL       VL 508, CSA C22.2 No. 142-M1987         • for emitted interference       EN 61000-6-4:2007 (Class A)         • for interference immunity       EN 61000-6-2:2005         MTBF       15 y	Product function	
IEEE 802.1x (radius)       Yes         Broadcast/Multicast/Unicast Limiter       Yes         broadcast blocking       Yes         Protocol / is supported       Yes         • SSH       Yes         Product function       Yes         Product function       Yes         • SICLOCK support       Yes         Protocol / is supported       Yes         • SICLOCK support       Yes         Protocol / is supported       Yes         • NTP       Yes         • SNTP       Yes         • IEEE 1588 profile default       Yes         Standards       -         • for hazardous zone       -         • for safety / from CSA and UL       Ve         • for interference       EN 61000-6-4:2007 (Class A)         • for interference immunity       EN 61000-6-2:2005         MTBF       15 y         Standards, specifications, approvals / CE	ACL - MAC-based	Yes
Broadcast/Multicast/Liniter Yes     Broadcast blocking Yes  Protocol / is supported     SSH Yes  Product functions / time  Product function     SICLOCK support Yes  Protocol / is supported     NTP     SICLOCK support Yes  Protocol / is supported     NTP Yes  Standard, specifications, approvals  Standard     for hazardous zone     for asfety / from CSA and UL	<ul> <li>ACL - port/MAC-based</li> </ul>	Yes
• broadcast blocking     Yes       Protocol / is supported     .       • SSH     Yes       Product functions / time	<ul> <li>IEEE 802.1x (radius)</li> </ul>	Yes
Protocol / is supported     Yes       Product functions / time     Product function       • SSH     Yes       Product function     Yes       Protocol / is supported     Yes       • SICLOCK support     Yes       Protocol / is supported     Yes       • NTP     Yes       • SNTP     Yes       • IEEE 1588 profile default     Yes       Standards, specifications, approvals     -       • for hazardous zone     -       • for safety / from CSA and UL     UL 508, CSA C22.2 No. 142-M1987       • for hazardous zone / from CSA and UL     No       • for interference     EN 61000-6-4:2007 (Class A)       • for interference immunity     EN 61000-6-2:2005       MTBF     15 y	<ul> <li>Broadcast/Multicast/Unicast Limiter</li> </ul>	Yes
• SSH       Yes         Product function       Product function         • SICLOCK support       Yes         Protocol / is supported       Yes         • NTP       Yes         • SNTP       Yes         • IEEE 1588 profile default       Yes         Standards. specifications, approvals       Yes         Standard       -         • for hazardous zone       -         • for safety / from CSA and UL       UL 508, CSA C22.2 No. 142-M1987         • for interference       EN 61000-6-4:2007 (Class A)         • for interference immunity       EN 61000-6-2:2005         MTBF       15 y         Standards, specifications, approvals / CE	<ul> <li>broadcast blocking</li> </ul>	Yes
Product functions / time         Product function         • SICLOCK support         Protocol / is supported         • NTP         • SNTP         • SNTP         • IEEE 1588 profile default         Yes         Standards, specifications, approvals         Standard         • for hazardous zone         • for safety / from CSA and UL         • for interference         EN 61000-6-4:2007 (Class A)         • for interference immunity         EN 61000-6-2:2005         MTBF         Standards, specifications, approvals / CE	Protocol / is supported	
Product function     Yes       • SICLOCK support     Yes       Protocol / is supported     .       • NTP     Yes       • SNTP     Yes       • IEEE 1588 profile default     Yes       Standards, specifications, approvals     Yes       Standard     -       • for hazardous zone     -       • for safety / from CSA and UL     UL 508, CSA C22.2 No. 142-M1987       • for hazardous zone / from CSA and UL     No       • for emitted interference     EN 61000-6-4:2007 (Class A)       • for interference immunity     EN 61000-6-2:2005       MTBF     15 y	• SSH	Yes
• SICLOCK supportYesProtocol / is supported//////////////////////////////		
Protocol / is supported       Yes         • NTP       Yes         • SNTP       Yes         • IEEE 1588 profile default       Yes         Standards, specifications, approvals         Standard         • for hazardous zone       -         • for safety / from CSA and UL       UL 508, CSA C22.2 No. 142-M1987         • for hazardous zone / from CSA and UL       No         • for emitted interference       EN 61000-6-4:2007 (Class A)         • for interference immunity       EN 61000-6-2:2005         MTBF       15 y         Standards, specifications, approvals / CE	Product function	
• NTPYes• SNTPYes• IEEE 1588 profile defaultYesStandards, specifications, approvalsStandard-• for hazardous zone-• for safety / from CSA and ULUL 508, CSA C22.2 No. 142-M1987• for hazardous zone / from CSA and ULNo• for emitted interferenceEN 61000-6-4:2007 (Class A)• for interference immunityEN 61000-6-2:2005MTBF15 y		Yes
SNTP     SNTP     SNTP     IEEE 1588 profile default     Yes  Standards, specifications, approvals  Standard     for hazardous zone     for safety / from CSA and UL     UL 508, CSA C22.2 No. 142-M1987     for hazardous zone / from CSA and UL     for emitted interference     EN 61000-6-4:2007 (Class A)     for interference immunity     EN 61000-6-2:2005  MTBF     15 y  Standards, specifications, approvals / CE	Protocol / is supported	
• IEEE 1588 profile default       Yes         Standards, specifications, approvals         Standard         • for hazardous zone         • for safety / from CSA and UL         • for hazardous zone / from CSA and UL         • for emitted interference         • for emitted interference         • for interference immunity         • MTBF         Standards, specifications, approvals / CE	• NTP	
Standards, specifications, approvals       Standard       • for hazardous zone       • for safety / from CSA and UL       • for hazardous zone / from CSA and UL       • for hazardous zone / from CSA and UL       • for emitted interference       • for interference immunity       • for interference immunity       • Standards, specifications, approvals / CE	• SNTP	Yes
Standard       -         • for hazardous zone       -         • for safety / from CSA and UL       UL 508, CSA C22.2 No. 142-M1987         • for hazardous zone / from CSA and UL       No         • for emitted interference       EN 61000-6-4:2007 (Class A)         • for interference immunity       EN 61000-6-2:2005         MTBF       15 y	IEEE 1588 profile default	Yes
• for hazardous zone-• for safety / from CSA and ULUL 508, CSA C22.2 No. 142-M1987• for hazardous zone / from CSA and ULNo• for emitted interferenceEN 61000-6-4:2007 (Class A)• for interference immunityEN 61000-6-2:2005MTBF15 yStandards, specifications, approvals / CE	Standards, specifications, approvals	
• for safety / from CSA and ULUL 508, CSA C22.2 No. 142-M1987• for hazardous zone / from CSA and ULNo• for emitted interferenceEN 61000-6-4:2007 (Class A)• for interference immunityEN 61000-6-2:2005MTBF15 yStandards, specifications, approvals / CE	Standard	
<ul> <li>for hazardous zone / from CSA and UL</li> <li>for emitted interference</li> <li>for interference immunity</li> <li>MTBF</li> <li>Standards, specifications, approvals / CE</li> </ul>	<ul> <li>for hazardous zone</li> </ul>	-
	<ul> <li>for safety / from CSA and UL</li> </ul>	UL 508, CSA C22.2 No. 142-M1987
• for interference immunity     EN 61000-6-2:2005       MTBF     15 y       Standards, specifications, approvals / CE	<ul> <li>for hazardous zone / from CSA and UL</li> </ul>	No
MTBF     15 y       Standards, specifications, approvals / CE	• for emitted interference	EN 61000-6-4:2007 (Class A)
Standards, specifications, approvals / CE	• for interference immunity	EN 61000-6-2:2005
	MTBF	15 у
Certificate of suitability / CE marking Yes		
	Certificate of suitability / CE marking	Yes

Standards, specifications, approvals / other		
Certificate of suitability	EN 61000-6-2:2005, EN 61000-6-4:2007	
• C-Tick	Yes	
<ul> <li>Railway application in accordance with EN</li> </ul>	No	
50155		
<ul> <li>KC approval</li> </ul>	Yes	
Standards, specifications, approvals / marine classification		
Marine classification association		
• Bureau Veritas (BV)	Yes	
<ul> <li>Korean Register of Shipping (KRS)</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	
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter	
• to website: Image database	http://automation.siemens.com/bilddb	
• to website: CAx Download Manager	http://www.siemens.com/cax	
• to website: Industry Online Support	https://support.industry.siemens.com	
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 action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third- party products that may be in use should also be considered. For	

last modified:

05/13/2020

more information about industrial security, visit

http://support.automation.siemens.com. (V3.4)

newsletter. For more information, visit

http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific