## **SIEMENS**

## Data sheet

## 6GK5204-0BA00-2AF2



SCALANCE XF204, flat, Managed IE switch, 4x 10/100 Mbit/s RJ45 ports, Error signaling contact with set button, Redundant power supply, PROFINET IO device network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-plug optional

Product type designation	SCALANCE XF204
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>	4
Interfaces / other	
Number of electrical connections	
<ul> <li>for signaling contact</li> </ul>	1
• for power supply	1
<ul> <li>for redundant voltage supply</li> </ul>	1
Type of electrical connection	
<ul> <li>for signaling contact</li> </ul>	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
Signal inputs/outputs	

Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
● at DC / maximum	0.1 A

Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external / minimum	18 V
• external / maximum	32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	1.1 A / 33 V
Consumed current / maximum	0.11 A
Power loss [W]	
• at DC / at 24 V	2.64 W

Ambient conditions	
Ambient temperature	
<ul> <li>during operation</li> </ul>	-40 +60 °C
<ul> <li>during storage</li> </ul>	-40 +70 °C
<ul> <li>during transport</li> </ul>	-40 +70 °C
• Note	If the IE-Switch XF-200 is installed horizontally, a maximum ambient temperature of +40 °C is permitted
Relative humidity	
<ul> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP20
Design, dimensions and weights	
Design	Flat
Width	75 mm
Height	125 mm
Depth	73 mm
Net weight	0.25 kg
Mounting type	
<ul> <li>35 mm DIN rail mounting</li> </ul>	Yes

• 35 mm DIN rail mounting	Yes
wall mounting	No
• S7-300 rail mounting	No
• S7-1500 rail mounting	No

Product features, product functions, product components / 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     Yes       • Web-based management     Yes       • MB support     Yes       • TRAPs via email     Yes       • Configuration with STEP 7     Yes       • Port mirroring     Yes       • multiport mirroring     No       • with IRT / PROFINET IO switch     No       • Protocol / is supported     Yes       • Protocol / is supported     Yes       • Protocol / is supported     Yes       • TETP     Yes       • Protocol / is supported     Yes       • TETP     Yes       • Protocol / is supported     Yes       • TETP     Yes       • TETP     Yes       • BOOTP     No       • DCP     Yes       • SNMP v1     Yes       • SNMP v2     Yes       • SNMP v3     Yes       Identification & maintenance function     Yes       • Midd - higher-level designation/location designation/location designation/location designation/location designation/location designation/location designation/location test       Product functions / Diagnostics     Yes       Product function     Yes       • Statistics packet type     Yes       • Statistics packet type     Yes       • Firor statistics     Yes       • Product function     Yes	Product functions / management, configuration, eng	gineering
•web-based managementYes•MB supportYes•TRAPs via emailYes•Configuration with STEP 7Yes•Port minroringYes•multiport mirroringNo•with IRT / PROFINET IO switchNo•PORDFINET IO diagnosisYesPROFINET IO diagnosisYesProduct function / switch-managedYesProtocol / is supportedYes•TraffsYes•TraffsYesProtocol / is supportedYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•TraffsYes•SNMP V1Yes•SNMP V2Yes•SNMP V3Yes•SNMP V3Yes•SNMP V3Yes•SNMP V3Yes•Statistico & maintenance functionYes•I&M1 - higher-level designation/location •I&M1 - higher-level designation/location •Statistics packet typeYes•Statistics packet typeYes•Statistics packet typeYes•Error statisticsYes•Error statisticsYes•Error statisticsYes•Product function •DHCP clientYes•Product functions / redundancyYes•Product functions / redundancyYes•Product functions / redundancyYes•Product functions / redundancyYes•Product fu		
• MB supportYes• TRAPs via emailYes• Configuration with STEP 7Yes• Port mirroringYes• multiport mirroringNo• with IRT / PROFINET IO switchNo• PROFINET conformity classBProduct function / switch-managedYesProtocol / is supportedYes• TelnetYes• HTTPYes• HTTPSYes• FTPYes• FTPYes• BOOTPNo• DCPYes• SMMP v3Yes• Identification & maintenance functionYes• Identification & maintenance functionYes• Identification & maintenance functionYes• SMMP v3Yes• Product function / DiagnosticsYes• Source / Terror statisticsYes• Product functionYes• Error statisticsYes• Error statisticsYes• Product functionYes• Error statisticsYes• Product functionYes• Error statisticsYes• Error statisticsYes• DGCPYes• Error statisticsYes• Product functionYes• Error statisticsYes• Error statisticsYes	• CLI	Yes
InterfactYes• TRAPs via emailYes• Configuration with STEP 7Yes• Pot mirroringNo• multipot mirroringNo• with IRT / PROFINET IO switchNo• PROFINET conformity classBPROFINET conformity classBProtocol / is supportedYes• TrainetYes• HTTPYes• HTTPYes• HTTPYes• FripYes• FTPYes• FTPYes• BOOTPNo• DOPYes• SINMP v3Yes• SINMP v4Yes• SINMP v3Yes• Identification & maintenance functionYes• Identification & maintenance functionYes• Identification & Sector SizeYes• Product functionYes• SIMMP v3Yes• Sististics Packet SizeYes• Forduct functionYes• Ford statisticsYes• Ford statistics Packet SizeYes• Error statisticsYes• Error statisticsYes• DHCP CleintYes• Product function / DHCPYes• Product function / PolicintYes• Product function / PolicintYes• Product function / PolicintYes• Product function / PolicintYes• Product function / DHCPYes• Product function / PolicintYes• Product function / PolicintYes• Product function / Policint <td><ul> <li>web-based management</li> </ul></td> <td>Yes</td>	<ul> <li>web-based management</li> </ul>	Yes
• Configuration with STEP 7Yes• Port mirroringNo• multiport mirroringNo• with IRT / PROFINET IO switchNo• PROFINET IO diagnosisYesPROFINET IO diagnosisBProduct function / switch-managedYesProtocol / is supportedYes• TelnetYes• TETPYes• TETPYes• TETPYes• TETPYes• DOPYes• DOPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&MU - higher-level designation/location designationYes• Product functionsYes• Statistics Packet Size • Statistics Packet Size • Error statisticsYes• Product function • DHCP clientYes• Product function • DHCPYes• Pr	MIB support	Yes
Potent mirroringYes• multiport mirroringNo• with IRT / PROFINET IO switchNo• PROFINET Conformity classBProduct function / switch-managedYesProtocol / is supportedYes• TelnetYes• TripYes• TripYes• TTPYes• TTPYes• TTPYes• TTPYes• TTPYes• TOPYes• TOPYes• TOPYes• TTPYes• TTPYes• SNMP v1Yes• SNMP v1Yes• SNMP v2Yes• SNMP v3Yes• Identification & maintenance functionYes• I&MU - device-specific informationYes• Statistics Packet SizeYes• Port diagnosticsYes• Port diagnosticsYes• Statistics Packet SizeYes• Statistics Packet SizeYes• Error statisticsYes• Error statisticsYes• DHCP clientYes• Poduct functions / DHCPProduct function• DHCP clientYes• Product functionYes• Error statisticsYes• Error stat	• TRAPs via email	Yes
• multiport mirroringNo• with IRT / PROFINET IO switchNo• PROFINET Conformity classBProduct function / switch-managedYesProtocol / is supported-• TelnetYes• HTTPYes• HTTPYes• HTTPYes• TFIPYes• DCPYes• SIMP v1Yes• SIMP v2Yes• SIMP v3Yes• Identification & maintenance functionYes• Is&M - device-specific informationYes• Is&M - device-specific informationYes• SIMMP v3Yes• Statistics Packet SizeYes• Statistics Packet SizeYes• Statistics Packet SizeYes• Statistics Packet SizeYes• Fror statisticsYes• Product functionYes• DCPYes• Dott functions / DHCPYes• Product functionYes• Dott functions / DHCPYes• Product functionYes• DHCP clientYes• Product functionYes• DHCP clientYes• DHCP clientYes• Product function / DHCPYes• Product function / Product functionYes• Product functionYes<	<ul> <li>Configuration with STEP 7</li> </ul>	Yes
with IRT / PROFINET IO switchNo• PROFINET IO diagnosisYesPROFINET conformity classBProduct function / switch-managedYesProduct function / switch-managedYes• TelnetYes• TelnetYes• HTTPYes• HTTPSYes• TFTPYes• FTPYes• BOOTPNo• DCPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&M0 - device-specific informationYes• BootsYes• Statistics Packet SizeYes• Statistics packet typeYes• Statistics packet typeYes• Product functionYes• Product functionYes• Product functionYes• Statistics packet typeYes• Error statisticsYes• Product functionYes• DHCP clientYes• DHCP clientYes• Product functionYes• DHCP clientYes• Product functionYes• DHCP clientYes• Other of the of	Port mirroring	Yes
PROFINET IO diagnosisYesPROFINET conformity classBProduct function / switch-managedYesProtocol / is supportedYes• TeinetYes• HTTPYes• HTTPSYes• TFTPYes• FTPYes• BOOTPYes• SIMM v1Yes• SIMM v2Yes• SIMM v3YesIdentification & maintenance functionYes• I&M - higher-level designation/location designationYesProduct functionYes• Product functionYes• Statistics Packet Size • Fror statisticsYes• Error statisticsYesProduct function • DHCP clientYesProduct function • DHCP clientYesProduct functionYes• Product function • DHCP clientYes• Product function • DHCP clientYes• Product function • DHCP clientYes• Product function • DHCPYes• Product function • DHCPYes• Product function • DHCPYes <t< td=""><td>multiport mirroring</td><td>No</td></t<>	multiport mirroring	No
PROFINET conformity class     B       Product function / switch-managed     Yes       Protocol / is supported     -       • Telnet     Yes       • HTTP     Yes       • HTTPS     Yes       • HTTPS     Yes       • TFTP     Yes       • BOOTP     Yes       • BOOTP     No       • DCP     Yes       • SIMMP v1     Yes       • SIMMP v2     Yes       • SIMMP v3     Yes       Identification & maintenance function     Yes       • I&M0 - device-specific information     Yes       • I&M1 - higher-level designation/location designation     Yes       Product function     Yes       • Statistics Packet Size     Yes       • Statistics packet type     Yes       • Statistics Packet Size     Yes       • Error statistics     Yes       • Product function     Yes       • DHCP client     Yes	<ul> <li>with IRT / PROFINET IO switch</li> </ul>	No
Product function / switch-managed     Yes       Protocol / is supported     Yes       • Telnet     Yes       • HTTP     Yes       • HTTPS     Yes       • TFTP     Yes       • BOOTP     No       • DCP     Yes       • LLDP     Yes       • SNMP v1     Yes       • SNMP v2     Yes       • SNMP v3     Yes       Identification & maintenance function     Yes       • I&M0 - device-specific information     Yes       • BM0 - device-specific information     Yes       • SIMM v3     Yes       Identification & maintenance function     Yes       • I&M1 - higher-level designation/location     Yes       • Statistics Packet Size     Yes       • Statistics Packet Size     Yes       • Statistics packet type     Yes       • Error statistics     Yes       Product function     Yes       • Error statistics     Yes       Product function     Yes	PROFINET IO diagnosis	Yes
Protocol / is supported         • Telnet       Yes         • HTTP       Yes         • HTTPS       Yes         • HTTPS       Yes         • TFTP       Yes         • EOOTP       No         • DCP       Yes         • LLDP       Yes         • SNMP v1       Yes         • SNMP v2       Yes         • SNMP v3       Yes         Identification & maintenance function       Yes         • I&MO - device-specific information       Yes         • SIMP v3       Yes         Identification & maintenance function       Yes         • SIMP v3       Yes         Identification & function (esignation/location designation/location designation)       Yes         Product functions / Diagnostics       Yes         • Statistics Packet Size       Yes         • Statistics packet type       Yes         • Error statistics       Yes         Product functions / DHCP       Yes         Product function       Yes         • DHCP client       Yes	PROFINET conformity class	В
• TelnetYes• HTTPYes• HTTPSYes• TFTPYes• FTPYes• BOOTPNo• DCPYes• LDPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3Yes• Identification & maintenance functionYes• I8M0 - device-specific informationYes• I8M1 - higher-level designation/locationYes• Product functionYes• Statistics Packet SizeYes• Statistics packet typeYes• Error statisticsYes• Product functionYes• DHCPYes• DHCP clientYes• Product functionYes• DHCP clientYes• Product function / DHCPYes• Product function / DHCPYes• Product function / DHCPYes• Product function / DHCPYes• DHCP clientYes• DHCP clientYes• Product function / OHCPYes• DHCP clientYes• DHCP clientYes• Product function / OHCPYes• Product function / OHCPYes <td< td=""><td>Product function / switch-managed</td><td>Yes</td></td<>	Product function / switch-managed	Yes
HTTPYesHTTPSYesHTTPSYesFTPYesBOOTPNoDCPYesLLDPYesSNMP v1YesSNMP v2YesSNMP v3YesIdentification & maintenance functionYeseignationYesProduct functions / DiagnosticsYesProduct functionYesStatistics Packet SizeYesStatistics packet typeYesProduct functions / DHCPYesProduct functions / DHCPYesProduct function / Petion / Pe	Protocol / is supported	
+HTTPSYes•HTTPSYes•FTPYes•BOOTPNo•DCPYes•LDPYes•SNMP v1Yes•SNMP v2Yes•SNMP v3YesIdentification & maintenance functionYes•I&M0 - device-specific informationYes•I&M1 - higher-level designation/locationYesProduct functions / DiagnosticsYes•Statistics Packet SizeYes•Statistics packet typeYes•Error statisticsYesProduct functionYes•DHCPYesProduct functionYes•DHCP clientYesProduct functionYesProduct functionYes•DHCP clientYesProduct functionYesProduct functionYesProduct functionYesProduct functionYes•DHCP clientYesProduct functionYes•DHCP clientYesProduct functions / redundancyYes	• Telnet	Yes
• TFTPYes• FTPYes• BOOTPNo• DCPYes• LLDPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&MO - device-specific informationYes• I&MO - device-specific informationYes• I&MM - laignosticsYesProduct function / DiagnosticsYes• Statistics Packet SizeYes• Statistics packet typeYes• Error statisticsYesProduct function / DHCPYesProduct functionYesProduct function / DHCPYesProduct functionYesProduct functionYes• DHCP clientYesProduct function / redundancyYes	• HTTP	Yes
No.• FTPYes• BOOTPNo• DCPYes• LLDPYes• LLDPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher-level designation/location designationYesProduct functions / DiagnosticsYes• Product function • Port diagnosticsYes• Statistics packet Size • StatisticsYes• Error statisticsYesProduct functions / DHCPYesProduct function • DHCP clientYesProduct function • DHCP clientYes	• HTTPS	Yes
No• BOOTPNo• DCPYes• LLDPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher-level designation/location designationYesProduct functions / DiagnosticsYes• Product function • Port diagnosticsYes• Statistics Packet Size • StatisticsYes• Error statisticsYesProduct function • DHCPYesProduct function • DHCP clientYesProduct function • DHCP clientYesProduct function • DHCP redundancyYes	● TFTP	Yes
<ul> <li>DCP</li> <li>Yes</li> <li>LLDP</li> <li>Yes</li> <li>SNMP v1</li> <li>SNMP v2</li> <li>SNMP v3</li> <li>Yes</li> <li>Identification &amp; maintenance function         <ul> <li>I&amp;M0 - device-specific information</li> <li>I&amp;M0 - device-specific information</li> <li>Yes</li> </ul> </li> <li>Identifications / Diagnostics         <ul> <li>Product functions / Diagnostics</li> <li>Yes</li> <li>Statistics Packet Size</li> <li>Statistics packet type</li> <li>Statistics</li> <li>Yes</li> </ul> </li> <li>Product functions / DHCP</li> <li>Product function         <ul> <li>DHCP client</li> <li>Yes</li> </ul> </li> </ul>	• FTP	Yes
• LLDP       Yes         • SNMP v1       Yes         • SNMP v2       Yes         • SNMP v3       Yes         Identification & maintenance function       Yes         • I&M0 - device-specific information       Yes         • I&M1 - higher-level designation/location       Yes         • Bottom functions / Diagnostics       Yes         Product function       Yes         • Statistics Packet Size       Yes         • Statistics packet type       Yes         • Error statistics       Yes         Product function       Yes         • DHCP client       Yes	• BOOTP	No
LettYes• SNMP v1Yes• SNMP v2Yes• SNMP v3YesIdentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher-level designation/location designationYesProduct functions / DiagnosticsYesProduct functionYes• Statistics Packet SizeYes• Statistics packet typeYes• Error statisticsYesProduct functionYes• DHCP clientYesProduct functionYes	• DCP	Yes
<ul> <li>SNMP v2</li> <li>SNMP v3</li> <li>Yes</li> <li>Identification &amp; maintenance function         <ul> <li>I&amp;M0 - device-specific information</li> <li>I&amp;M0 - device-specific information</li> <li>Yes</li> </ul> </li> <li>I&amp;M1 - higher-level designation/location         designation</li> <li>Yes</li> </ul> Product functions / Diagnostics Product function <ul> <li>Port diagnostics</li> <li>Yes</li> <li>Statistics Packet Size</li> <li>Statistics packet type</li> <li>Error statistics</li> <li>Yes</li> </ul> Product functions / DHCP Product function Product function Product function Yes Product function Product functions / DHCP Product function Yes Product function Product function Yes Product function Yes Product functions / DHCP Product functions / DHCP Product function Yes Product function Product function Yes Product function Yes Product function Product function Yes Product funct	• LLDP	Yes
• SNMP v3       Yes         Identification & maintenance function       Yes         • I&M0 - device-specific information       Yes         • I&M1 - higher-level designation/location       Yes         Product functions / Diagnostics       Yes         • Port diagnostics       Yes         • Statistics Packet Size       Yes         • Statistics packet type       Yes         • Error statistics       Yes         Product functions / DHCP       Yes         Product function       Yes         Product function       Yes         Product function       Yes         Product function       Yes	• SNMP v1	Yes
Identification & maintenance function       Yes         • I&M0 - device-specific information       Yes         • I&M1 - higher-level designation/location       Yes         Product functions / Diagnostics       Yes         Product function       Yes         • Port diagnostics       Yes         • Statistics Packet Size       Yes         • Statistics packet type       Yes         • Error statistics       Yes         Product functions / DHCP       Yes         Product function       Yes         Product functions / DHCP       Yes         Product function       Yes	• SNMP v2	Yes
• I&M0 - device-specific informationYes• I&M1 - higher-level designation/location designationYesProduct functions / DiagnosticsYesProduct function • Port diagnosticsYes• Port diagnosticsYes• Statistics Packet Size • Statistics packet type • Error statisticsYesProduct functions / DHCPYesProduct function • DHCP clientYesProduct function • DHCP clientYesProduct functions / redundancyYes	• SNMP v3	Yes
• I&M1 – higher-level designation/location designation       Yes         Product functions / Diagnostics       Product function         • Port diagnostics       Yes         • Statistics Packet Size       Yes         • Statistics packet type       Yes         • Error statistics       Yes         Product functions / DHCP       Yes         Product function       Yes         • DHCP client       Yes         Product functions / redundancy       Yes	Identification & maintenance function	
designation       Product functions / Diagnostics       Product function       • Port diagnostics     Yes       • Statistics Packet Size     Yes       • Statistics packet type     Yes       • Error statistics     Yes       Product functions / DHCP       Product function     Yes       • DHCP client     Yes       Product functions / redundancy	<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
Product functions / Diagnostics         Product function         • Port diagnostics         • Statistics Packet Size         • Statistics packet Size         • Statistics packet type         • Error statistics         Yes         • Error statistics         Product functions / DHCP         Product function         • DHCP client         Yes         Product functions / redundancy		Yes
Product function     Yes       • Port diagnostics     Yes       • Statistics Packet Size     Yes       • Statistics packet type     Yes       • Error statistics     Yes       Product functions / DHCP     Yes       Product function     Yes       • DHCP client     Yes	designation	
Product function     Yes       • Port diagnostics     Yes       • Statistics Packet Size     Yes       • Statistics packet type     Yes       • Error statistics     Yes       Product functions / DHCP     Yes       Product function     Yes       • DHCP client     Yes	Product functions / Diagnostics	
<ul> <li>Statistics Packet Size</li> <li>Statistics packet type</li> <li>Statistics packet type</li> <li>Fror statistics</li> <li>Yes</li> <li>Product functions / DHCP</li> <li>Product function         <ul> <li>DHCP client</li> <li>Yes</li> </ul> </li> <li>Product functions / redundancy</li> </ul>		
• Statistics packet type     • Error statistics      Product functions / DHCP  Product function     • DHCP client  Product functions / redundancy	<ul> <li>Port diagnostics</li> </ul>	Yes
	Statistics Packet Size	Yes
Product functions / DHCP Product function • DHCP client Product functions / redundancy	<ul> <li>Statistics packet type</li> </ul>	Yes
Product function     Yes       • DHCP client     Yes       Product functions / redundancy     Yes	• Error statistics	Yes
DHCP client Yes  Product functions / redundancy	Product functions / DHCP	
Product functions / redundancy	Product function	
	DHCP client	Yes
Product function	Product functions / redundancy	

	Yes
Ring redundancy	
<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>	No
Protocol / is supported / Media Redundancy Protocol (MRP)	Yes
Product function	
<ul> <li>media redundancy protocol (MRP) with redundancy manager</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
Passive listening	Yes
Product functions / Security	
Protocol / is supported	
• SSH	Yes
Product functions / time	
Product function	
SICLOCK support	Yes
Protocol / is supported	
• NTP	No
• SNTP	Yes
Standards, specifications, approvals	
Standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
<ul> <li>for hazardous zone</li> </ul>	EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X
<ul> <li>for safety / from CSA and UL</li> </ul>	UL 60950-1, CSA C22.2 No. 60950-1
<ul> <li>for hazardous zone / from CSA and UL</li> </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
<ul> <li>for emitted interference</li> </ul>	EN 61000-6-4:2001 (Class A)
• for interference immunity	EN 61000-6-4:2001
MTBF	48.03 y
Standards, specifications, approvals / CE	
Certificate of suitability / CE marking	Yes
Standards, specifications, approvals / other	
Certificate of suitability	EN 61000-6-4:2001
• C-Tick	Yes

<ul> <li>Railway application in accordance with EN 50155</li> </ul>	No
<ul> <li>Railway application in accordance with EN 50124-1</li> </ul>	No
<ul> <li>KC approval</li> </ul>	Yes
Standards, specifications, approvals / marine classi	fication
Marine classification association	
<ul> <li>American Bureau of Shipping Europe Ltd. (ABS)</li> </ul>	Yes
• Bureau Veritas (BV)	Yes
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	No
Germanische Lloyd (GL)	No
• DNV GL	Yes
<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	Yes
<ul> <li>Nippon Kaiji Kyokai (NK)</li> </ul>	Yes
<ul> <li>Polski Rejestr Statkow (PRS)</li> </ul>	No
<ul> <li>Royal Institution of Naval Architects (RINA)</li> </ul>	Yes
accessories	
Product extension / optional / C-PLUG	Yes
Further information / Internet-Links	
Internet-Link	
to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
<ul> <li>to website: Industrial communication</li> </ul>	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter
<ul> <li>to website: Image database</li> </ul>	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information

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