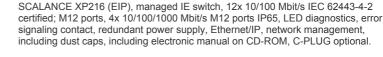
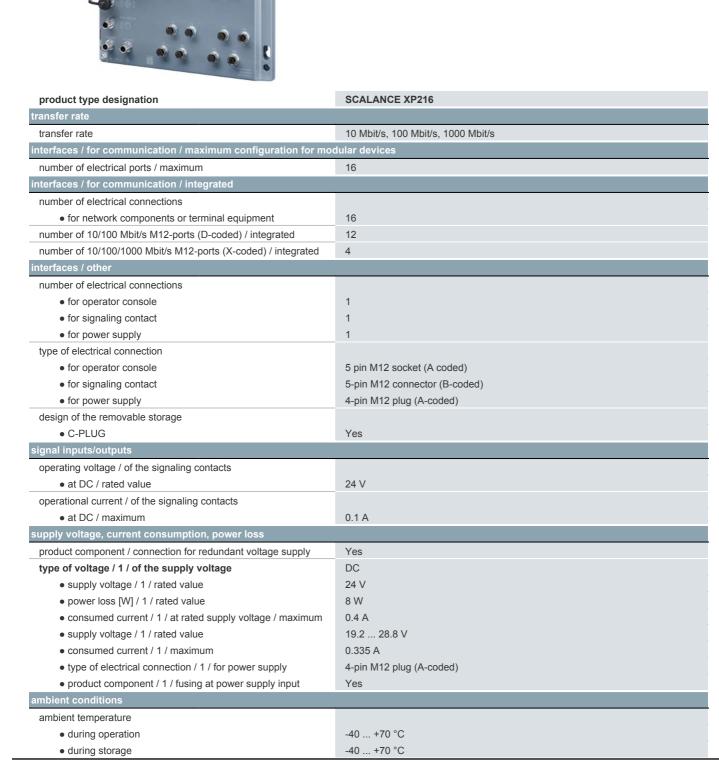
SIEMENS

Data sheet

6GK5216-0HA00-2TS6





reader humady Possible read 25 (* hubble condensation / during operation / matinum 95 % product nates IP IP65 design	during transport	-40 +70 °C
• • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·	
meatmam Personal freedom ain P Personal design concal with 200 mm height 200 mm depin 40 mm netter i/ of the enclosure Aumnum fastering method E1200pro module carrier val mounting Yee product fastering method E1200pro module carrier val mounting Yee product functions, product components / general concentral in the intervent interven	-	95 %
pissing_dimensions and weights design orgent defin 280 mm height 280 mm height 280 mm height 25 kg material / of the enclosure Aumnum fastering method ET20Qeto module carrier • vail mounting Yes product fastures, product functions, product components / general cacacading in the case of a resolution cacacading in the case of a resolution (or / a reconfiguration, engineering) Sto product functions / management, configuration, engineering Sto order functions / management Yes • Mid support Yes • CLL Yes • order functions Yes • Informitoring Yes • order functions Yes • Informitoring Yes • Informitoring Yes • Informitoring Yes • PROFINET contermity case B network load case / according to PROFINET 2 • product function Sto • PROFINET Contermity case <td< td=""><td></td><td></td></td<>		
design compadi width 280 mm height 200 mm depth 48 mm ref weight 25 kg matterial / of the enclosure Aluminum destining method ET2000 module carrier valal mounting Yes product factures, product avertices, ground on avertices, ground on avertices, and the comparison of the case of a valuations, module comparison of the case of a valuations, many destinations, and values, and	protection class IP	IP65
wish 200 mm height 200 mm opth 44 mm net weight 2.5 kg matterial / of the enclosure Auminum fastering method ET200/pcp module carrier veal mounting Yes product functions, product components / pomeral carcading in the case of a refundant ring / at reconfiguration product function 60 carcading in the case of a refundant ring / at reconfiguration for veal management Yes veal management Yes veal management Yes veal management Yes veal veal management Yes	design, dimensions and weights	
height 200 mm depth 49 mm net weight 25 kg Inderd / of the endosue Aumnum Statening method ET200promodule carrier • wall mounting Yes product fastures, product functions, product for only on signal propagation time) 50 researching in case of ar odundant ring / at reconfiguration if its of <-0.31-s	design	compact
depth 49 mm net weight 2.5 kg material / of the enclosure Aluminum fastening method ET200pro module carrier • wall mouthing Yes product features, product functions, product components / general 50 cascading in the case of a redundant fling / at reconfiguration 50 met of <-0.3x-s	width	280 mm
Instead / of weight 2.5 kg material / of weight Aluminum Aluminum Yes wall mounting Yes product fastures, product (inclons, product components / genoral med 64-03-9-5 50 caseading in baces of at robundant ring / at reconfiguration ime of 64-03-9-5 50 robust functions yes product fastures, product functions, engineering ordust functions / second weight weight Yes • Cul Yes • web-based management Yes • Will Support Yes • TRAPs vie email Yes • outging in inving Yes • outging inving inving Yes • product functions Yes • product functions Yes • product functions in the POFINET 2 • product function y advecting in the POFINET 2 <	height	200 mm
material/ of the enclosure Auminum fastening method ET200pro module carrier • wal mounting Yes product foatures, product components / gonoral 50 ceacading in the case of a redundant ring / at reconfiguration fine of <-0.31-s	depth	49 mm
Isseling method ET200pro module carrier Yes caseading in the case of a redundant ring / at reconfiguration ime of x-0.3x-s 50 caseading in cases of star topology any (depending only on signal propagation time) caseading in cases of star topology any (depending only on signal propagation time) product functions / management. Yes • CLI Yes • Mill Support Yes • TRAP is derial Yes • Onfiguration with STEP 7 Yes • RNON NS Yes • Onfiguration with STEP 7 Yes • RNON NS Yes • Outfiguration with STEP 7 Yes • RNON NS Yes • Nullport mirroring Yes • Nullport mirroring Yes • RNON NS Yes • RNON NS Yes • PROFINET contornity class B • RNON NS Yes • PROFINET contornity class B • RNON NS Yes • Starbord St	net weight	2.5 kg
val Yes product fractures, product functions, product components / gonure. 50 cascading in the asis of a redundant ring / at reconfiguration inte dx-0.3*s 50 cascading in cases of star topology any (depending only on signal propagation time) product functions / management, configuration, engineering Yes order Yes PROFINET IO diagnosis Yes order Yes reter Yes order Yes reter Yes	material / of the enclosure	Aluminum
product faitures, product functions, product components / general 50 cascading in the case of a redundant ring / at reconfiguration ine of <-0.30-s	fastening method	ET200pro module carrier
cascading in the case of a rebundant ring / at reconfiguration itmer of X-03/s-5 50 cascading in cases of star topology product functions / management. configuration, angineering vector any (depending only on signal propagation time) product functions / exercised in the case of star topology vector Yes vecto-based management Yes vecto-based management Yes vecto-based management Yes vector Yes vecto-based management Yes vector	-	
Line of X=0 3x-5 any (depending only on signal propagation time) product function any (depending only on signal propagation time) product function Yes • CLI web-based management Yes • MB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • RMON Yes • port mirroring Yes • multiport mirroring Yes • CLI Yes • With IRT / PROFINET IO switch No • PROFINET IO disprosi Yes • PROFINET IO disprosi Yes • product function Yes • product function / switch-managed Yes • retrieve Yes • telegram length / for Eliment / maximum 1518 byte protocol / is supported Yes • HTTPS Yes • Telnet Yes • Eteigram length / for Eliment / maximum 1518 byte • DCP Yes • Eteinent / maximum Yes • Eteinent / is supported Yes	product features, product functions, product components / gene	eral
product functions realized functions - CL1 Yes • web-based management Yes • III APS via email Yes • TRAPs via email Yes • TRAPs via email Yes • Configuration with STEP 7 Yes • RMON Yes • port minroring Yes • nutliport minroring Yes • CoS Yes • CoS Yes • CoS Yes • multiport minroring Yes • CoS Yes • CoS Yes • ProDFINET Collignosis B • network load class / according to PROFINET 2 product function / switch-managed Yes • telgram length. / for Ethernet / maximum 1988 byte product function Yes • HTTP Yes • HTTP Yes • Ederation ength. / for Ethernet / maximum 198 byte • DOLO / Ses • SMEP V3 Yes • SMEP V3 Yes	cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	50
product function Yes • CLI Yes • web-based management Yes • WB support Yes • TRAPs via email Yes • configuration with STEP 7 Yes • RMON Yes • configuration with STEP 7 Yes • RMON Yes • configuration with STEP 7 Yes • configuration with STEP 7 Yes • configuration with STEP 7 Yes • prot mirroring Yes • prot mirroring Yes • multiport mirroring Yes • with IRT / PROFINET 10 switch No • PROFINET conformity class B • network load class / according to PROFINET 2 product function / switch-managed Yes telegram length (for Ement / maximum 1518 byte protocol / is supported Yes • TETP Yes • HTTP Yes • ETP Yes • EDOTP No • DOCP Yes • LLDP Yes • SNMP V1 Yes • SNMP V3 Yes • Idemfication & maintenance function Yes • Idemfication for maintenance function Yes • Idemf		any (depending only on signal propagation time)
• CLIYes• web-based managementYes• Mills supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• RMONYes• multiport minroringYes• multiport minroringYes• CoSYes• CoSYes• PROFINET IO switchNo• PROFINET IO diagnosisYes• PROFINET Conformity classB- network load class / according to PROFINET2• product function / switch-managedYes• telegrain length / for Ethernet / maximum1518 byte• profortofYes• HTTPYes• HTTPYes• HTTPYes• Ethernet / maximum1518 byte• TelentYes• TEIPYes• TEIPYes• TEIPYes• Ethernet/IPYes• BOOTPYes• Ethernet/IPYes• SINIP V1Yes• SINIP V3Yes• IGMP (snooping/querier)Yes• IGMP (anopoing/querier)Yes• IsMN - divelopasitic InformationYes• IsMN - divelopasitic InformationYes• statistics packet KizeYes• statistics packet KizeYes• error statisticsYes• error statisticsYes• isotatistics packet KizeYes• error statisticsYes• error statisticsYes• isotatistics packet Kize <td>product functions / management, configuration, engineering</td> <td></td>	product functions / management, configuration, engineering	
• web-based managementYes• MB supportYes• TRAPs value analYes• configuration with STEP 7Yes• RMONYes• port inirroringYes• port inirroringYes• cold set as a configuration with STEP 7Yes• nultiport mirroringYes• port inirroringYes• cold set as a configuration with RT / PROFINET 10 switchNo• PROFINET Cold agnosisYes• PROFINET Cold agnosisYes• PROFINET conformity classB• network fued class / according to PROFINET2product function / switch-managedYes• TelnetYes• TelnetYes• TEIP PYes• TFTPYes• TFTPYes• TFTPYes• DCO TPNo• DCPYes• LLDPYes• EtherNet/IPYes• SINMP v1Yes• SINMP v2Yes• SINMP v3Yes• Identification & maintenance functionYes• Identification & diagnosticsYes• prot diagnosticsYes• statistics packet SizeYes• statistics packet SizeYes• statistics packet SizeYes• cord statisticsYes• statistics packet SizeYes• statistics packet SizeYes• statistics packet SizeYes• statistics packet SizeYes• statistics packet SizeYes	product function	
• MiB supportYes• TRAPs via emailYes• configuration with STEP 7Yes• RMONYes• port minroringYes• multiport minroringYes• multiport minroringYes• CoSYes• with IRT / PROFINET IO switchNo• PROFINET conformity classBnetwork load class / according to PROFINET2product function / switch-managedYes• TeletYes• TeletYes• TeletYes• TETPYes• TTTPYes• TTTPYes• TETPYes• TETPYes• BOOTPYes• BOOTPYes• BOOTPYes• SIMIP v1Yes• SIMIP v2Yes• SIMIP v3Yes• Identification & maintenance functionYes• Identification & functionYes• product function / diagnosticsYes• enror statistics packet typeYes• statistics packet typeYes• enror statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes• loopba	• CLI	Yes
TRAPs vie enailYes• onfiguration with STEP 7Yes• RMONYes• port mirroringYes• nulliport mirroringYes• CoSYes• CoSYes• With IRT / PROFINET IO switchNo• PROFINET of diagnosisYesPROFINET or forminy classBnetwork load class / according to PROFINET2product function / switch-managedYestelegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• TelnetYes• TETPYes• TETPYes• DCPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• ICDPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• EtherNet/IPYes• ICMP (snooping/querier)Yes• Idemification & maintenance functionYes• Idemification & diagnosticsYes• product functionYes• product functionYes• statistics packet SizeYes• statistics packet SizeYes• end adjanosticsYes• end adjanosticsYes• pordulations functionYes• pordulations functionYes• end adjanosticsYes• elopback diagnosticsYes•	 web-based management 	Yes
• configuration with STEP 7Yes• RMONYes• port mirroringYes• outh lift of removingYes• CoSYes• with IRT / PROFINET IO switchNo• PROFINET conformity classBnetwork load class / according to PROFINET2product function / switch-managedYestelegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• TelnetYes• HTTPYes• HTTPYes• HTTPYes• Ethernet / maximum1518 byte• TelnetYes• TilnetYes• Ethernet / maximumYes• Ethernet / maximum1518 byte• TolnetYes• TilnetYes• Ethernet / maximumYes• TilnetYes• TilnetYes• Ethernet / PPYes• Ethernet	MIB support	Yes
• RMONYes• port mirroringYes• unitiport mirroringYes• unit RT / PROFINET IO switchNo• erROFINET IO diagnosisYes• with IRT / PROFINET IO switchNo• RROFINET Conformity classBPROFINET conformity classBretwork load class / according to PROFINET2product function / switch-managedYestelegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• TelnetYes• HTTPYes• HTTPYes• Ether YesYes• Ether YesYes• ETPYes• BOOTPNo• DOPYes• EtherNet/IPYes• EtherNet/IPYe	TRAPs via email	Yes
• pot mirroringYes• nulliport mirroringYes• CoSYes• with IRT / PROFINET IO switchNo• ROFINET conformity classB• PROFINET conformity classBnetwork load loas / according to PROFINET2product function / switch-managedYes• telegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• TelnetYes• TelnetYes• TelnetYes• TETPYes• ITTPSYes• ITTPSYes• EtherNet/IPAYes• EtherNet/IPAYes• IDTPYes• EtherNet/IPAYes• SIMMP v1Yes• SIMMP v2Yes• SIMMP v3Yes• Identification & maintenance functionYes• Identification & maintenance functionYes </td <td></td> <td></td>		
• multiport mirroringYes• CoSYes• with IRT / PROFINET IO switchNo• RROFINET IO diagnosisYesPROFINET conformity classBnetwork load class / according to PROFINET2product function / switch-managedYestelegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• ITTPYes• HITTPSYes• HITTPSYes• DOTPNo• DOTPNo• DOTPYes• EtherNet/IPYes• ItDPYes• ItDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v3Yes• IMMP v3Yes• IMMP v3Yes• Identification & maintenance functionYes• Identification SignationYesproduct functionYes• IdiagnosticsYes• Idiagno	RMON	Yes
• CoS Yes • wth IRT / PROFINET IO switch No • PROFINET IO diagnosis Yes PROFINET Conformity class B network load class / according to PROFINET 2 product function / switch-managed Yes telegram length / for Ethernet / maximum 1518 byte protocol / is supported Yes • Telnet Yes • Telnet Yes • HITTPS Yes • HITTPS Yes • HITTPS Yes • TFTP Yes • EtherNet/IP Yes • EberNet/IP Yes • SIMMP v1 Yes • SIMMP v2 Yes • IMP (soopling/querier) Yes • Identification & maintenance function Yes • Identification & adiantenance function Yes • Identification & clagnostics Yes product function Yes • statistics Packet Size Yes • statistics packet type Yes • statistics packet	 port mirroring 	Yes
• with IRT / PROFINET IO switchNo• PROFINET conformity classBPROFINET conformity classBnetwork load class / according to PROFINET2product function / switch-managedYestelegram length / for Ethernet / maximum1518 byteprotocol / is supportedYes• TeinetYes• HTTPYes• FTPYes• FTPYes• Ethernet / maximumYes• TTPSYes• TTPSYes• FTPYes• SOOTPNo• DCPYes• LLDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v2Yes• IGMP (snooping/querier)Yes• IdMA tendence functionYes• IdINA tendence functionYes <trr>• IdINA tendence functionYe</trr>	multiport mirroring	Yes
• PROFINET IO diagnosis Yes PROFINET conformity class B network load class / according to PROFINET 2 product function / switch-managed Yes telegram length / for Ethernet / maximum 1518 byte protocol / is supported Yes • Telnet Yes • HTTP Yes • HTTP Yes • HTTP Yes • FTP Yes • BOOTP Yes • EberNet/IP Yes • EberNet/IP Yes • SIMMP v1 Yes • SIMMP v2 Yes • SIMMP v3 Yes • IGMP (snooping/querier) Yes identification & maintenance function Yes • I&MO - device-specific information Yes • IAM - higher level designation/location designation Yes • statistics Packet Size Yes • statistics Packet tige Yes • loopback diagnostics Yes		Yes
PROFINET conformity class B network load class / according to PROFINET 2 product function / switch-managed Yes telegram length / for Ethernet / maximum 1518 byte protocol / is supported Yes • Telnet Yes • HTTP Yes • HTTPS Yes • HTTPS Yes • HTTPS Yes • FTP Yes • BOOTP No • OCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • Identification & maintenance function Yes • I&MO - device-specific information Yes • I&MO - device-specific information Yes • I&MO - faignostics Yes • statistics packet type Yes • loopback diagnostics Yes		No
network load class / according to PROFINET 2 product function / switch-managed Yes telegram length / for Ethernet / maximum 1518 byte protocol / is supported - • Tainet Yes • HTTP Yes • FTP Yes • BOOTP No • DCP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • IGMP (snooping/querier) Yes • ISM0 - device-specific information Yes • IsM1 - higher level designation/location designation Yes product functions Yes • statistics packet Size Yes • statistics packet type Yes • statistics packet type Yes • otopback diagnostics Yes	· · · · · · · · · · · · · · · · · · ·	
product function / switch-managed Yes telegram length / for Ethernet / maximum 1518 byte protocol / is supported Yes • Telnet Yes • HTTP Yes • HTTPS Yes • HTTP Yes • TFTP Yes • BOOTP No • DCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • IGMP (isnoping/querier) Yes • Identification & maintenance function Yes • I&MO - device-specific information Yes • I&MO - device-specific information Yes • product function Yes • statistics packet Size Yes • statistics packet Size Yes • statistics packet type Yes • statistics packet type Yes • loopback diagnostics Yes		
telegram length / for Ethernet / maximum 1518 byte protocol / is supported • Telnet Yes • HTTP Yes • HTTPS Yes • TFTP Yes • FTP Yes • BOOTP No • DCP Yes • LLDP Yes • EtherNet/IP Yes • SNMP v1 Yes • SNMP v2 Yes • SNMP v3 Yes • IGMP (snooping/querier) Yes • I&MO - device-specific information Yes • IBM1 - higher level designation/location designation Yes product functions Yes • statistics Packet Size Yes • loopback diagnostics Yes • loopback diagnostics Yes	· · · · · · · · · · · · · · · · · · ·	
protocol / is supported• TelnetYes• HTTPYes• HTTPYes• HTTPSYes• TFTPYes• FTPYes• BOOTPNo• DCPYes• LLDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v2Yes• IGMP (snooping/querier)Yesidentification & maintenance functionYes• I&M - relevel designation/location designationYesproduct functionYes• statistics Packet SizeYes• statistics packet typeYes• statistics packet typeYes• error statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
TelnetYesHTTPYesHTTPSYesTFTPYesBOOTPYesBOOTPNoDCPYesEtherNet/IPYesEtherNet/IPYesSNMP v1YesSNMP v2YesIGMP (snooping/querier)Yesidentification & maintenance functionYesidentification & maintenance functionYesistatistics Packet SizeYesproduct functionYesistatistics packet typeYesistatistics packet typ		1518 byte
• HTTPYes• HTTPSYes• FTPYes• FTPYes• BOOTPNo• DCPYes• LLDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v1Yes• SNMP v2Yes• IGMP (snooping/querier)Yes• IGMP (snooping/querier)Yes• IGMP (snooping/querier)Yes• ISM0 - device-specific informationYes• statistics Packet SizeYes• statistics Packet SizeYes• statistics packet SizeYes• statistics packet SizeYes• error statisticsYes• error statisticsYes• SysLogYes• loopback diagnosticsYes• loopback diagnosticsYes <td< td=""><td></td><td></td></td<>		
• HTTPSYes• TFTPYes• FTPYes• BOOTPNo• DCPYes• LDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3Yes• IGMP (snoopin/querier)Yes• IGMP (snoopin/querier)Yes• IdM1 - higher level designation/location designationYes• product functionYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• Statistics packet typeYes• error statisticsYes• erro		
• TFTPYes• FTPYes• BOOTPNo• DCPYes• LLDPYes• EtherNet/IPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v2Yes• IGMP (snooping/querier)Yes• IGMP (snooping/querier)Yes• IsM0 - device-specific informationYes• IsM1 - higher level designation/location designationYes• product functionYes• statistics Packet SizeYes• statistics Packet SizeYes• error statisticsYes• error statisticsYes• error statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
FTPYesBOOTPNoDCPYesLLDPYesEtherNet/IPYesSNMP v1YesSNMP v2YesSNMP v3YesIGMP (snooping/querier)Yesidentification & maintenance functionYesikM1 - higher level designation/location designationYesproduct functionYesistatistics Packet SizeYesstatistics Packet SizeYeserror statisticsYeserror statisticsYesistatistics Packet SizeYeserror statisticsYesistatistics Packet SizeYesistatistics Packet SizeYesistatistics Packet SizeYesistatistics Packet SizeYesistatisticsYesista		
BOOTPNoDCPYesLLDPYesEtherNet/IPYesSNMP v1YesSNMP v2YesSNMP v3YesIGMP (snooping/querier)YesIdentification & maintenance functionYesIdentification & device-specific informationYesIdentification & functions / diagnosticsYesproduct functionYesstatistics Packet SizeYesstatistics packet typeYeserror statisticsYeserror statisticsYes<		
• DCPYes• LLDPYes• EtherNet/IPYes• SNMP v1Yes• SNMP v2Yes• SNMP v3Yes• IGMP (snooping/querier)Yes• IdMP (snooping/querier)Yes• IdMP - device-specific informationYes• IdMN - device-specific informationYes• IdMN - device-specific informationYes• IdMN - device-specific informationYes• IdMN - device-specific informationYes• IdagnosticsYes• product functionYes• product functionYes• product functionYes• error statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• SysLogYes• loopback diagnosticsYes		
LLDPYesEtherNet/IPYesSNMP v1YesSNMP v2YesSNMP v3YesIGMP (snooping/querier)Yesidentification & maintenance functionYesidentification & maintenance functionYesidentification & maintenance functionYesproduct functions / diagnosticsYesproduct functionYesestatistics Packet SizeYesetatistics packet typeYeserror statisticsYeserror statisticsYeserror statisticsYeselopback diagnosticsYesYesYesfor the typeYesYesYesfor typeYesYesYesfor typeYesfor typeYes <td></td> <td></td>		
EtherNet/IPYesSNMP v1YesSNMP v2YesSNMP v3YesIGMP (snooping/querier)Yesidentification & maintenance functionYesIBM0 - device-specific informationYesVesYesproduct functions / diagnosticsYesproduct functionYese statistics Packet SizeYese statistics packet typeYese error statisticsYeserror statisticsYese loopback diagnosticsYesY		
• SNMP v1Yes• SNMP v2Yes• SNMP v3Yes• IGMP (snooping/querier)Yesidentification & maintenance functionYes• I&M0 - device-specific informationYes• I&M0 - device-specific informationYesproduct functions / diagnosticsYesproduct functionYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• SysLogYes• loopback diagnosticsYes		
• SNMP v2Yes• SNMP v3Yes• IGMP (snooping/querier)Yesidentification & maintenance functionYes• I&MO - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsYesproduct functionYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
• SNMP v3Yes• IGMP (snooping/querier)Yesidentification & maintenance functionYes• I&MO - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsYesproduct functionYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• error statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
• IGMP (snooping/querier)Yesidentification & maintenance function• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
identification & maintenance functionYes• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsYesproduct functionYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• SysLogYes• loopback diagnosticsYes		
• I&M0 - device-specific informationYes• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsproduct functionYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• bopback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes		
• I&M1 - higher level designation/location designationYesproduct functions / diagnosticsYes• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• error statisticsYes• boyback diagnosticsYes• loopback diagnosticsYes• loopback diagnosticsYes		Yes
product functions / diagnostics product function • port diagnostics Yes • statistics Packet Size Yes • statistics packet type Yes • error statistics Yes • SysLog Yes • loopback diagnostics Yes		
product function Yes • port diagnostics Yes • statistics Packet Size Yes • statistics packet type Yes • error statistics Yes • SysLog Yes • loopback diagnostics Yes		
• port diagnosticsYes• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• SysLogYes• loopback diagnosticsYes		
• statistics Packet SizeYes• statistics packet typeYes• error statisticsYes• SysLogYes• loopback diagnosticsYes	•	Yes
• error statistics Yes • SysLog Yes • loopback diagnostics Yes		Yes
error statistics Yes • SysLog Yes • loopback diagnostics Yes	 statistics packet type 	Yes
loopback diagnostics Yes		
loopback diagnostics Yes	SysLog	Yes
		Yes

product function	
 VLAN - port based 	Yes
 VLAN - protocol-based 	No
 VLAN - IP-based 	No
VLAN dynamic	No
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
number of VLANs / at ring redundancy (HRP; MRP; standby link)	35
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	
 of the PROFINET IO device / is supported / PROFINET system redundancy 	Yes
 ring redundancy 	Yes
High Speed Redundancy Protocol (HRP)	Yes
 high speed redundancy protocol (HRP) with redundancy 	Yes
managerhigh speed redundancy protocol (HRP) with standby	Yes
redundancy	
protocol / is supported / Media Redundancy Protocol (MRP) product function	Yes
media redundancy protocol (MRP) with redundancy manager	Yes
Media Redundancy Protocol Interconnection (MRP-I)	Yes
of the PROFINET IO device / is supported / H-Sync	Yes
forwarding	165
 redundancy procedure RSTP 	Yes
 redundancy procedure RSTP+ 	Yes
redundancy procedure MSTP	Yes
passive listening	Yes
product functions / security	
product function	
RADIUS client	Yes
protocol / is supported	
• SSH	Yes
• SSL	Yes
product functions / time	
product function	
SICLOCK support	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	
standard	
• for FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4, FM16US0205X
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
reference code	
according to IEC 81346-2	KF

 according to IEC 81346-2:2019 	KFE
standards, specifications, approvals / CE	
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, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• 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	
 CCC / for hazardous zone according to GB standard 	Yes
 CCC / for hazardous zone according to GB standard / as marking 	Ex nA IIC T4 Gc
standards, 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
standards, specifications, approvals / marine classification	
Marine classification association	
 American Bureau of Shipping Europe Ltd. (ABS) 	Yes
French marine classification society (BV)	Yes
• DNV GL	Yes
 Korean Register of Shipping (KRS) 	Yes
Polski Rejestr Statkow (PRS)	Yes
accessories	
product extension / optional / C-PLUG	Yes
further information / internet links	
internet link	
to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
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 more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

last modified:

5/27/2023 🖸

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Siemens: 6GK52160HA002TS6