SIEMENS

Data sheet

Product type designation

6GK5416-4GS00-2AM2



SCALANCE XM416-4C

SCALANCE XM416-4C; MANAGED MODULAR IE SWITCH; 16 X 10/100/1000 MBIT/S RJ45; 4 X 100/1000 MBIT/S SFP; CONTAINS 4 COMBO PORTS; 16 PORTS USABLE IN TOTAL; EXPANDABLE UP TO 24 PORTS ELECTRICAL OR OPTICAL; LAYER 3 WITH KEY PLUG AVAILABLE MOUNTING DIN-/S7-PROFILE-RAIL PROFINET-IO DEVICE; REDUNDANCY FUNCTIONS; OFFICE FEATURES (RSTP, VLAN, IGMP,...); C-PLUG IN SCOPE OF SUPPLY

Transmission rate	
Transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
Interfaces	
Number of electrical/optical connections	
 for network components or terminal equipment / maximum 	24
 as combo port / for network components or terminal equipment 	4
Number of electrical connections	
 for network components or terminal equipment / with extender modules 	8
Design of electrical/optical connections / for network components or terminal equipment	SFP
Type of electrical connection	
 for network components or terminal equipment 	RJ45 port
 for network components or terminal equipment / with extender modules 	RJ45 port
Number of optical interfaces	

 for fiber optic cable / at 100 Mbit/s 	4
 for fiber optic cable / at 1000 Mbit/s 	4
 for fiber optic cable / with extender modules 	8
Design of the optical interface	
 for fiber optic cable / at 100 Mbit/s 	SFP slot
 for fiber optic cable / at 1000 Mbit/s 	SFP slot
 for fiber optic cable / with extender modules 	SFP slot
Interfaces / for communication / integrated	
Number of electrical connections / for network	16
components or terminal equipment	
Number of electrical connections / for Power-over- Ethernet / for network components or terminal	0
equipment	
Number of electrical connections	
• for SFP	4
Number of combo ports / with RJ45 interface for	4
optical plug-in transceiver	
Interfaces / for communication / pluggable / maximu Number of electrical connections	um
	12
• for SFP	12
Interferen / ethere	
Interfaces / others	
Number of electrical connections	
	1
Number of electrical connections	1 1
Number of electrical connections for operator console 	
Number of electrical connections for operator console for management purposes 	1
Number of electrical connections for operator console for management purposes for signaling contact 	1 1
Number of electrical connections for operator console for management purposes for signaling contact for power supply 	1 1 1
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply 	1 1 1
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply Type of electrical connection	1 1 1 1
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply Type of electrical connection for operator console 	1 1 1 1 1 RJ11 port
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply Type of electrical connection for operator console for management purposes 	1 1 1 1 RJ11 port RJ45 port
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply Type of electrical connection for operator console for management purposes for signaling contact 	1 1 1 1 1 RJ11 port RJ45 port 2-pole terminal block
Number of electrical connections for operator console for management purposes for signaling contact for power supply for redundant voltage supply Type of electrical connection for operator console for management purposes for signaling contact for signaling contact for signaling contact 	1 1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for management purposes • for operator console • for signaling contact • for signaling contact • for power supply Number of extender expansion interfaces	1 1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for management purposes • for signaling contact • for signaling contact • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage	1 1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for management purposes • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage • C-PLUG/KEY-PLUG Product property / hot-swappable interface modules	1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2 Yes
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for operator console • for management purposes • for signaling contact • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage • C-PLUG/KEY-PLUG	1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2 Yes
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for operator console • for operator console • for signaling contact • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage • C-PLUG/KEY-PLUG Product property / hot-swappable interface modules Signal-Inputs/outputs	1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2 Yes
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for operator console • for signaling contact • for operator console • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage • C-PLUG/KEY-PLUG Product property / hot-swappable interface modules Signal-Inputs/outputs Operating voltage / of the signaling contacts	1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2 Yes Yes
Number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply • for redundant voltage supply Type of electrical connection • for operator console • for operator console • for operator console • for management purposes • for signaling contact • for power supply Number of extender expansion interfaces design of the removable storage • C-PLUG/KEY-PLUG Product property / hot-swappable interface modules Signal-Inputs/outputs Operating voltage / of the signaling contacts • at DC / Rated value	1 1 1 RJ11 port RJ45 port 2-pole terminal block 4-pole terminal block 2 Yes Yes

Type of voltage supply / redundant power supply unit No Type of voltage / of the supply voltage DC Supply voltage 24 V • external 19.228.8 V Product component / fusing at power supply unput Yes Fuse protection type / at input for supply voltage F 15 A / 125 V Consumed current / maximum 2A • at DC / at 24 V 48 W Active power loss - • at DC / at 24 V 48 W Active power supplied / of PSE / with PoE - • per port / maximum 30 W • total / maximum 80 W • total / maximum 180 W • total / maximum 90 W • total / maximum 90 W • during operation -40 +70 °C • during storage 40 +85 °C • during storage 95 % • during storage 140 mm • at 25 °C / without condensation / during operation / maximum Product condensation / during operation / maximum Protection class IP IP20 Design SilMATIC S7-1500 device design		Supply voltage, current consumption, power loss
Supply voltage 24 V • external 19.228.8 V Product component / fusing at power supply input Yes Fuse protection type / at input for supply voltage F15.A / 125 V Consumed current / maximum 2.A Active power loss 48 W • at D C / at 24 V 48 W Active power suppled / of PSE / with PoE 90 W • beap ropt / maximum 180 W Pormitled ambient conditions)	
• external 24 V • external 19.2 28.8 V Product component / fusing at power supply input Yes Fuse protection type / at input for supply voltage F 15 A / 125 V Consumed current / maximum 2 A Active power loss 48 W • at DC / at 24 V 48 W Active power supplied / of PSE / with PoE - • per port / maximum 30 W • total / maximum 180 W • total / maximum 40 +70 °C • during operatore - • during storage -40 +85 °C • during storage -40 +85 °C • during transport - Protection class IP IP20 Protection class IP IP20 Pesign SIMATIC S7-1500 device design Width 140 mm Height 125 mm Not 125 mm Noting type - • sign mounting Yes • sign mounting No • sign mounting Yes • sort in mounting Yes • sort in mounting Yes </td <td>2</td> <td>Type of voltage / of the supply voltage</td>	2	Type of voltage / of the supply voltage
external 19.2 28.8 V Product component / fusing at power supply input Yes Fuse protection type / at input for supply voltage F 15 A / 125 V Consumed current / maximum 2 A Active power loss at DC / at 24 V • at DC / at 24 V 48 W Active power supplied / of PSE / with PoE • • per port / maximum 30 W • total / maximum 180 W * total / maximum 180 W * oting storage -40 +70 °C • during storage -40 +85 °C • during transport -40 +85 °C • atting transport -40 +85 °C • atting transport 95 % • atting transport 95 % • atting transport IP20 Posign SIMATIC S7-1500 device design Width 140 mm Height 147 mm Posign Simonito stand weight Design No Width 140 mm Height 147 mm I S5 mn DIN rail mounting Yes <t< td=""><td></td><td>Supply voltage</td></t<>		Supply voltage
Product component / fusing at power supply input Yes Fuse protection type / at input for supply voltage F 15 A / 125 V Consumed current / maximum 2 A Active power loss - - at D C / at 24 V 48 W Active power supplied / of PSE / with PoE - - per port / maximum 30 W - total / maximum 30 W - total / maximum 180 W * ottal / maximum - - per port / maximum 30 W - ottal / maximum - - ottal / maximum 180 W * ottal / maximum - - during operation -40 +70 °C - during storage -40 +85 °C - during transport -40 +85 °C Relative humidity - - at 25 °C / without condensation / during - operation / maximum - Protection class IP IP20 <t< td=""><td>V</td><td>• external</td></t<>	V	• external
Fuse protection type / at input for supply voltage F 15 A / 125 V Consumed current / maximum 2 A Active power loss - • at DC / at 24 V 48 W Active power supplied / of PSE / with POE - • per port / maximum 30 W • total / maximum 180 W Permitted ambient conditions - Ambient temperature -40 +70 °C • during storage -40 +85 °C • during transport -40 +85 °C Relative humidity - • at 25 °C / without condensation / during operation (maximum) - Protection class IP IP20 Design, dimensions and weight - Design, dimensions and weight 140 mm Protection class IP 125 mm Net weight 142 mm Net weight 125 kg Mounting type - • 19-inch installation No • 35 mm DIN rail mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes	.2 28.8 V	• external
Consumed current / maximum 2 A Active power loss 48 W Active power supplied / of PSE / with PoE 90 W • ber port / maximum 30 W • total / maximum 30 W • total / maximum 30 W • total / maximum 30 W • during operation -40 +70 °C • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -95 % • during transport -95 % • during transport -10 +85 °C • during transport -40 +85 °C • during transport -95 % • during transport -10 +85 °C • during transport -17 mm Design 1/25 mm Width 1/40 mm	25 25	Product component / fusing at power supply input
Active power loss 48 W Active power supplied / of PSE / with POE 30 W • per port / maximum 30 W • total / maximum 180 W Permitted ambient conditions 40 +70 °C Ambient temperature -40 +70 °C • during operation -40 +85 °C • during storage -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C • during transport -95 % • at 25 °C / without condensation / during operation / maximum 95 % Protection class IP IP20 Design SIMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 1.25 kg Mounting type - • 19-inch installation No • s5 rm DIN rail mounting Yes • s5 rm DIN rail mounting Yes • s7-1500 rail mounting any (depe	15 A / 125 V	Fuse protection type / at input for supply voltage
• at DC / at 24 V 48 W Active power supplied / of PSE / with PoE 30 W • per port / maximum 30 W • total / maximum 180 W • total / maximum 180 W • total / maximum 180 W • during operation -40 +70 °C • during storage -40 +70 °C • during storage -40 +85 °C • during transport -40 +85 °C Relative humidity 95 % • at 25 °C / without condensation / during operation / maximum Protection class IP Protection class IP IP20 Design SIMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 125 mm Notunting type - • 19-inch installation No • 35 mm DIN rail mounting Yes • wail mounting Yes • wail mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • S7-1500 rail mounting Yes • S7-1500 rail mounting any (depending only on signal propagation time)	A	Consumed current / maximum
Active power supplied / of PSE / with PoE • per pot / maximum 30 W • total / maximum 30 W • total / maximum 180 W *ermitted ambient conditions -40 +70 °C Ambient temperature -40 +70 °C • during operation -40 +85 °C • during transport -40 +85 °C • during transport -40 +85 °C • during transport IP20 Portection class IP IP20 Design SIMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 125 mm Net weight 1.25 kg Mouning type - • 19-inch installation No • 35 mm DIN rail mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes		Active power loss
• per port / maximum30 W• total / maximum180 W• during analysis180 W• during operation-40 +70 °C• during storage-40 +85 °C• during transport-40 +85 °C• during transport-120 +85 °C• during transport-125 mm• during transport-125 kg• during transport-125 kg• during t	W	• at DC / at 24 V
• total / maximum 180 W Permitted ambient conditions		Active power supplied / of PSE / with PoE
Parmitted ambient conditions Ambient temperature during operation during storage during storage during transport 40 +70 °C during storage during transport 40 +85 °C during transport 40 +85 °C Relative humidity at 25 °C / without condensation / during operation / maximum Protection class IP Protection class IP IP20 Design, dimensions and weight Design, dimensions and weight 140 mm Height 140 mm Height 147 mm Depth 125 mm Stime II to the stallation 35 mm DIN rail mounting Yes soft ail mounting ST-1500 rail mounting Yes Product properties, functions, components / general Cascading in cases of star topology any (depending only on signal propagation time)	W	• per port / maximum
Ambient temperature -40 +70 °C • during operation -40 +70 °C • during storage -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • during transport -40 +85 °C Relative humidity -40 +85 °C • ext 25 °C / without condensation / during operation / maximum 95 % Design IIP20 Design, dimensions and weight 140 mm Height 147 mm Depth 1.25 kg Mounting type - • 19-inch installation No • 35 mm DIN rail mounting Yes • wall mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounti	0 W	• total / maximum
• during operation-40 +70 °C• during storage-40 +85 °C• during transport-40 +85 °CRelative humidity operation / maximum95 %• at 25 °C / without condensation / during operation / maximum95 %Protection class IPIP20Design, dimensions and weight140 mmDesign, dimensions and weight140 mmHeight147 mmDepth125 mmNet weight1.25 kgMounting type • 19 ·inch installationNo• 35 mm DIN rail mounting 		Permitted ambient conditions
etailing sprate-40 +85 °Céturing storage-40 +85 °CRelative humidity-40 +85 °C• at 25 °C / without condensation / during operation / maximum95 %Protection class IPIP20Design, dimensions and weight140 mmDesign, dimensions and weight140 mmHeight147 mmDepth125 mmNet weight1.25 kgMounting type• 19-inch installationNo• 35 mm DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes• S7-1500 rail mountingYesProduct properties, functions, components / generalany (depending only on signal propagation time)Product functions / management, configurationany (depending only on signal propagation time)		Ambient temperature
• during transport-40 +85 °CRelative humidity • at 25 °C / without condensation / during operation / maximum95 %Protection class IPIP20Design, dimensions and weight140 mmDesign, dimensions and weight140 mmDesign147 mmDepth125 mmNet weight1.25 kgMounting type1• 19-inch installationNo• 35 mm DIN rail mountingYes• s7-300 rail mountingYes• S7-1500 rail mountingYes• Cascading in cases of star topologyany (depending only on signal propagation time)• Product functions / management, configurationany (depending only on signal propagation time)	0 +70 °C	 during operation
Relative humidity at 25 °C / without condensation / during operation / maximum Protection class IP IP20 Design, dimensions and weight IP20 Design, dimensions and weight Design SIMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 125 mm Net weight 1.25 kg Mounting type • 19-inch installation No • 35 mm DIN rail mounting Yes • wall mounting Yes • S7-300 rail mounting Yes • S7-1500 rail mounting Yes Product properties, functions, components / general Cascading in cases of star topology Product functions / management, configuration any (depending only on signal propagation time) Product functions / management, configuration 	0 +85 °C	 during storage
• at 25 °C / without condensation / during operation / maximum95 %Protection class IPIP20Design, dimensions and weightIP20Design (dimensions and weight)SIMATIC S7-1500 device designWidth140 mmHeight147 mmDepth125 mmNet weight1.25 kgMounting type • 19-inch installationNo• 35 mm DIN rail mounting • s7-300 rail mountingYesProduct properties, functions, components / general Cascading in cases of star topologyany (depending only on signal propagation time)Product functions / management, configurationany (depending only on signal propagation time)	0 +85 °C	during transport
operation / maximumIP20Protection class IPIP20Design, dimensions and weightIP20Design (dimensions and weight140 mmDesign (Width 140 mm)140 mmHeight 147 mm125 mmDepth 125 mm1.25 kgMounting typeImage: Strain St		Relative humidity
Protection class IP IP20 Design, dimensions and weight SIMATIC S7-1500 device design Design \$IMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 125 mm Net weight 1.25 kg Mounting type	%	• at 25 °C / without condensation / during
Design, dimensions and weight Design SIMATIC S7-1500 device design Width 140 mm Height 147 mm Depth 125 mm Net weight 1.25 kg Mounting type		operation / maximum
DesignSIMATIC S7-1500 device designWidth140 mmHeight147 mmDepth125 mmNet weight1.25 kgMounting type-• 19-inch installationNo• 35 mm DIN rail mountingYes• wall mountingYes• S7-300 rail mountingYes• S7-1500 rail mountingYesProduct properties, functions, components / generalCascading in cases of star topologyany (depending only on signal propagation time)	20	Protection class IP
Width140 mmHeight147 mmDepth125 mmNet weight1.25 kgMounting type-• 19-inch installationNo• 35 mm DIN rail mountingYes• wall mountingNo• S7-300 rail mountingYes• S7-1500 rail mountingYesProduct properties, functions, components / generalCascading in cases of star topologyany (depending only on signal propagation time)		Design, dimensions and weight
Height147 mmDepth125 mmNet weight1.25 kgMounting type	MATIC S7-1500 device design	Design
Depth 125 mm Net weight 1.25 kg Mounting type - • 19-inch installation No • 35 mm DIN rail mounting Yes • wall mounting Yes • s7-300 rail mounting Yes • S7-1500 rail mounting Yes Product properties, functions, components / general Cascading in cases of star topology any (depending only on signal propagation time)	.0 mm	Width
Net weight1.25 kgMounting type		_
Mounting typeNo• 19-inch installationNo• 35 mm DIN rail mountingYes• wall mountingNo• wall mountingYes• S7-300 rail mountingYes• S7-1500 rail mountingYes• Coduct properties, functions, components / generalCascading in cases of star topologyany (depending only on signal propagation time)		-
• 19-inch installationNo• 35 mm DIN rail mountingYes• wall mountingNo• S7-300 rail mountingYes• S7-1500 rail mountingYes• S7-1500 rail mountingYes• Coduct properties, functions, components / generalCascading in cases of star topologyany (depending only on signal propagation time)	25 kg	_
 35 mm DIN rail mounting 35 mm DIN rail mounting wall mounting S7-300 rail mounting S7-300 rail mounting Yes S7-1500 rail mounting Yes Product properties, functions, components / general Cascading in cases of star topology any (depending only on signal propagation time) Product functions / management, configuration		•
• wall mounting No • S7-300 rail mounting Yes • S7-1500 rail mounting Yes • Cascading in cases of star topology any (depending only on signal propagation time)		
S7-300 rail mounting S7-1500 rail mounting Yes Yes		• 35 mm DIN rail mounting
• S7-1500 rail mounting Yes Product properties, functions, components / general Cascading in cases of star topology Product functions / management, configuration)	wall mounting
Product properties, functions, components / general Cascading in cases of star topology any (depending only on signal propagation time) Product functions / management, configuration	lS	 S7-300 rail mounting
Cascading in cases of star topology any (depending only on signal propagation time) Product functions / management, configuration	2S	• S7-1500 rail mounting
Product functions / management, configuration		
Product functions / management, configuration	y (depending only on signal propagation time)	Cascading in cases of star topology
		Product functions / management, configuration Product function
web-based management Yes	!5	 web-based management

MIB support	Yes
• TRAPs via email	Yes
 Configuration with STEP 7 	Yes
• RMON	Yes
Port mirroring	Yes
 multiport mirroring 	Yes
• CoS	Yes
 PROFINET IO diagnosis 	Yes
 switch-managed 	Yes
Telegram length / for Ethernet / maximum	9216 byte
Protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	Yes
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
 IGMP (snooping/querier) 	Yes
Identification & maintenance function	
 I&M0 - device-specific information 	Yes
 I&M1 – higher-level designation/location 	Yes
designation	
Protocol / is supported	
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
Dreadurat functioner / Diagnoscie	
Product functions / Diagnosis Product function	
Port diagnostics	Yes
Statistics Packet Size	Yes
Statistics Packet type	Yes
Error statistics	Yes
SysLog	Yes
- SysLog	1.00
Product functions / VLAN	
Product function	
 VLAN - port based 	Yes
 VLAN - protocol-based 	Yes
VLAN - IP-based	Yes

 VLAN dynamic 	Yes
Number of VLANs / maximum	255
Number of VLANs - dynamic / maximum	255
Protocol / is supported / GVRP	Yes
Product functions / DHCP	
Product functions / DHCP	
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
Product functions / Routing	ID souther in combination with KEV DLUG VM 400, ID 0 souther to
Service / Routing / Note	IP routing in combination with KEY-PLUG XM-400, IPv6 available soon
Product function	
Static IP routing	Yes
Static IP routing IPv6	No
dynamic IP routing	Yes
dynamic IP routing IPv6	No
Protocol / is supported	
• RIPv2	Yes
RIPnG for IPv6	No
• OSPFv2	Yes
OSPFv3 for IPv6	No
• VRRP	Yes
• VRRP for IPv6	No
Droduct functions / Dodundensy	
Product functions / Redundancy Product function	
Ring redundancy	Yes
High Speed Redundancy Protocol (HRP)	Yes
 high speed redundancy protocol (HRP) with 	Yes
redundancy manager	
 high speed redundancy protocol (HRP) with standby redundancy 	Yes
Protocol / is supported / Media Redundancy Protocol (MRP)	Yes
Product function	
 media redundancy protocol (MRP) with redundancy manager 	Yes
 redundancy procedure STP 	Yes
 redundancy procedure RSTP 	Yes
 redundancy procedure MSTP 	Yes
 redundancy procedure RSTP 	Yes

Passive listening	Yes
Protocol / is supported	
• 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	
• SSH	Yes
Product functions / Time Product function	
SICLOCK support	Yes
Protocol / is supported	
NTP	Yes
• SNTP	Yes
Type of time synchronization	IEEE 1588 available soon
Standards, specifications, approvals	
● for FM	EM2611: Close 1 Divisor 2 Crown A B C D / T4 Close 1 Zono
	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
 for hazardous zone / from CSA and UL 	ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 /
	Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
 for emitted interference 	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability	EN 61000-6-2, EN 61000-6-4
• CE marking	Yes
• C-Tick	Yes
 KC approval 	Yes
Marine classification association	
 Det Norske Veritas (DNV) 	Yes
Germanische Lloyd (GL)	Yes
● Nippon Kaiji Kyokai (NK)	Yes
 Royal Institution of Naval Architects (RINA) 	Yes
MTBF / at 40 °C	22 у
Further Information / Internet Links	
Internet-Link	
 to website: Selector SIMATIC NET 	http://www.siemens.com/snst
SELECTION TOOL	

- to website: Industrial communication
- to website: Industry Mall
- to website: Image database
- to website: CAx Download Manager
 to website: Industry Online Support

Security information

Security information

http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

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. Thirdparty 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:

24.09.2015