SIEMENS

Data sheet

6GK5552-0AA00-2HR2

SCALANCE XR552-12M; managed IE switch; 19" rack; 4x 1000/10000 Mbit/s SFP+; 12x 100/1000 Mbit/s 4-port media modules, electrical, electrical PoE 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 Layer 3 prepared; ports at the back



10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s odular devices 48 52 RJ45 12
A8 52 RJ45 12
48 52 RJ45 12
52 RJ45 12
RJ45 12
12
12
12
4
4
48
48
48
48
4
4
1
1
1
12
1
RJ11
RJ45
2-pole terminal block
4-pole terminal block
Yes
Yes

at DC / rated value	24 V
at DC / rated value operational current / of the signaling contacts	44 V
operational current / of the signaling contacts • at DC / maximum	0.1 A
	0:1 A
supply voltage, current consumption, power loss	Na
type of voltage supply / redundant power supply unit	No
supplied active power / of PSE / with PoE	
per port / maximum	30 W
• total / maximum	180 W
type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	24 V
power loss [W] / 1 / rated value	34.08 W
supply voltage / 1 / rated value	19.2 28.8 V
consumed current / 1 / maximum	12.5 A
 type of electrical connection / 1 / for power supply 	4-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
ambient conditions	
ambient temperature	
during operation	0 00 °C
during storage	-40 +70 °C
during transport	-40 +70 °C
• note	Operation with integral fan, replaceable
relative humidity	
 at 25 °C / without condensation / during operation / 	95 %
maximum	
protection class IP	IP20
design, dimensions and weights	
design	19" rack
number of modular height units / relating to 19-inch cabinet	3
width	449 mm
height	130.8 mm
depth	305 mm
net weight	10 kg
fastening method	
19-inch installation	Yes
• 35 mm top hat DIN rail mounting	No
wall mounting	No
• S7-300 rail mounting	No
S7-1500 rail mounting	No
type of cable outlet	Cable outlet at rear
product features, product functions, product components / gene	
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	any (aspending only on signal propagation time)
product functions / management, configuration, engineering	
•	Voc
CLI Web based management	Yes
web-based management MID average	Yes
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
PROFINET conformity class	В
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	9216 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes

FIP	a ETD	Voo
CMAPP Yes	• FTP	Yes
+ O.CP		
• LLDP		
SNMEP v1 SNMEP v2 SNMEP v3 SN		
SMIP 'As Monophrojequeriery Identification & maintenance function SMIP 'As Monophrojequeriery SMIP '		
Identification & mainternance function Identification & mainternance function Identification & mainternance function Identification & mainternance function Yes Identification & Iden		
Identification & maintenance function • (8M0 - Levice-specific information • (8M1 - higher level designation/location designation • (8M1 - higher level designation/location designation • (8M1 - higher level designation/location) • (8M1 - higher level designation/location) • (8M1 - higher level designation/location) • (8M1 - product functions) • (8M2 - product functions) • (9M2 - product function) • (9M3 - protocochased) •		
IAMD - device-specific information Yes		Yes
### SAM - higher level designation/location designation product functions / diagnostics Poet diagnostics		
product functions / diagnostics product function - port diagnostics - statistics Packet Size - statistics packet type - error statistics - Syst.og - Syst.og - Syst.og - Syst.og - Ves - product function - V.L.N port based - V.L.N Packet	•	
product function • port diagnostics • statistics Packet Size • statistics Packet Size • statistics packet type • error statistics • SysLog product functions • VLAN - port based • VLAN - port based • VLAN - port based • VLAN - protococh based • VES • VLAN - protococh		Yes
• port diagnostics • statistics packet Size • statistics packet type • error statistics • Systug • error statistics • Systug product functions / VLAN product functions / VLAN produce functions / VLAN produce functions / VLAN produce functions / VLAN - Port based • VLAN - Systum - VLAN - Ves • VLAN - Ves		
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error statistics Syst.og Yes Syst.og product functions / VLAN product function • VLAN - protocol-based Yes • Drotocol-functions / protocol-based Yes • DHCP Option 67 Yes • DHCP Option 82 Yes • DHCP Option 68 Yes • DHCP Option 69 Yes • DHCP Option 69 Yes • DHCP Option 69 Yes • DROTOCOL-function Yes • static IP routing • static IP routing • static IP routing Yes • dynamic IP routing IPv6 • Static IP routing IPv6 • Static IP routing IPv6 • RIPV2 • RIPV2 • RIPV2 • RIPV3 • COSPFV2 • Yes • OSPFV2 • Yes • OSPFV2 • Yes • VRRP • VRRP for IPv6 • Yes • Injish Speed redundancy Protocol (HRP) With redundancy manager • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with redundancy manager • Injish speed redundancy Protocol (HRP) with redundancy manager • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy Protocol (HRP) with redundancy manager • Injish speed redundancy Protocol (HRP) with standby redundancy • Injish speed redundancy • Injish speed redundancy • Injish speed redundancy • Yes • Injish speed r		
SysLog Product functions / VLAN product function VLAN - port based VLAN - protocol-based VLAN - protocol-based VLAN - protocol-based VEAN - Protocol-based VEAN - Protocol-based VEAN - VLAN - Protocol - Protocol (HRP) VES Product function / Protocol (MRP) VES VES VES VES VES VES VES VES	• • • • • • • • • • • • • • • • • • • •	
product functions / VLAN prot based Yes VLAN - prot based Yes Yes VLAN - prot based Yes		
product function • VLAN - protocol-based • VES • VLAN - protocol-based • VLAN - protocol-based • VES • VLAN - protocol-based • VES • Drotocol / is supported / GVRP product functions • DHCP Option 67 • VES • DHCP Option 68 • DHCP Option 66 • DHCP Option 66 • DHCP Option 66 • DHCP Option 67 • YES • DHCP Option 67 • YES • Stalic IP routing / note product functions / routing • stalic IP routing Protocol-based IP routing in combination with KEY-PLUG XR-500 product function • stalic IP routing Protocol-based Yes • dynamic IP routing Yes • dynamic IP routing Protocol-based Yes • dynamic IP routing Protocol-based Yes • dynamic IP routing Protocol-based Yes • CSPFv2 • CSPFv2 • CSPFv3 • CSPFv3 • VRRP • Yes • VRRP Yes • VRRP or IPv6 • Yes • V		Yes
VLAN - protocol-based VLAN - protocol-based VLAN - Protocol-based VLAN - IP-based VLAN dynamic ves VLAN dynamic ves vulan VLAN - dynamic / maximum z55 number of VLANs - dynamic / maximum z55 protocol / is supported / GVRP ves protocol / is supported / GVRP product functions / DHCP product function - DHCP Option 82 - DHCP Option 82 - Ves - DHCP Option 67 - Ves - DHCP Option 67 yes product function - static IP routing service / routing / note product function - static IP routing / Yes - dynamic IP routing Yes - dynamic IP routing Yes - dynamic IP routing Yes - gynamic IP routing Yes - RIPV2 - RIPN2 - RIPN2 - RIPN2 - RIPN6 - OSPFV2 - OSPFV2 - VRRP - VRRP for IPV6 - VRRP - VRRP or IPV6 - VRRP - VRRP or IPV6 - Injin speed redundancy protocol (HRP) with redundancy manager - Injin speed redundancy protocol (HRP) with redundancy manager - Injin speed redundancy protocol (HRP) with redundancy manager - Injin speed redundancy protocol (HRP) with redundancy manager - Injin speed redundancy protocol (HRP) with redundancy manager - Injin speed redundancy protocol (HRP) with standby result function - media redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redundancy manager - Injin speed redundancy protocol (MRP) with redunda		
VLAN - IP-based Yes VLAN - IP-based Yes VLAN - IP-based Yes VLAN - Mynamic Yes number of VLANs - Mynamic / maximum 255 number of VLANs - dynamic / maximum 255 number of VLANs - dynamic / maximum 255 product functions / DHCP product functions / DHCP product function		
VLAN dynamic number of VLANs / maximum 255 number of VLANs - dynamic / maximum 255 protocol / is supported / GVRP product functions / DHCP product functions / DHCP product functions / DHCP client DHCP Option 82 DHCP Option 86 DHCP Option 86 DHCP Option 87 Product function / routing service / routing / note product function static IP routing static IP routing IPv8 dynamic IP routing IPv8 dynamic IP routing IPv8 RIPv2 RIPv3 RIPv3 RIPv4 OSPFv3 for IPv6 Ves Ves Ves Ves Ves Ves Ves Ve	·	
VES number of VLANs / maximum Z55 protocol / is supported / GVRP product functions / DHCP product functions DHCP Option 82 DHCP Option 82 DHCP Option 66 Pes DHCP Option 67 Product functions / routing Service / routing / note product functions static IP routing Yes dynamic IP routing IPv6 dynamic IPv6	 VLAN - protocol-based 	Yes
number of VLANs / maximum 255 number of VLANs - dynamic / maximum 255 protocol / is supported / GVRP product functions / DHCP product function		Yes
number of VLANs - dynamic / maximum product functions / DHCP product function DHCP client DHCP Option 82 DHCP Option 86 DHCP Option 67 Product functions / routing service / routing / note product function **static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 **Yes **Quamic IP routing IPv6 **Quam	·	
protocol / is supported / GVRP product functions / DHCP product function 6		
product functions / DHCP product function DHCP client DHCP Option 82 DHCP Option 66 Yes DHCP Option 67 Yes Product functions / routing service / routing / note product function static IP routing IPv6 static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 RIPV2 RIPNG for IPv6 SRIPNG for IPv6 SRIPNG for IPv6 Ves VRRP VRRP VRRP VRRP VRRP VRRP VRRP VR	number of VLANs - dynamic / maximum	255
product function DHCP Client DHCP Option 82 DHCP Option 66 DHCP Option 67 Yes DHCP Option 67 Yes DHCP Option 67 Yes Product functions / routing service / routing / note static IP routing Note static IP routing Pv6 dynamic IP routing Yes dynamic IP routing Yes dynamic IP routing Yes Protocol / is supported RIPv2 RIPv2 RIPv3 RIPv6 OSPFv2 OSPFv3 for IPv6 Ves Ves Ves Ves Product functions / redundancy product functions / redundancy product functions / redundancy product functions / redundancy protocol (HRP) with redundancy manager Protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager		Yes
DHCP client DHCP Option 82 DHCP Option 66 Pes DHCP Option 67 Yes DHCP Option 67 Yes product functions / routing service / routing / note product function static IP routing in combination with KEY-PLUG XR-500 product function static IP routing static IP routing IPv6 Seprotocol / is supported RIPv2 RIPnG for IPv6 Ves OSPFv2 Seprotocol / respectively Ves VRRP VRRP VRRP VRRP VRRP VRRP VRRP VRRP VRRP NRP for IPv6 Ves Product functions / redundancy Product function sing redundancy Product function sing redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP) with redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is supported / Media Redundancy Protocol (MRP) Protocol / is su	product functions / DHCP	
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DHCP Option 67 Product functions / routing service / routing / note product function • static IP routing • static IP routing Yes • static IP routing Pv6 • dynamic IP routing IPv6 • dynamic IP routing Pv6 • RIPv2 • RIPv3 • RIPv4 • RIPv4 • RIPv6 • OSPFv2 • OSPFv2 • VRRP • VRRP • VRRP for IPv6 • VRRP • VRRP for IPv6 Ves product functions / redundancy product functions / redundancy • High Speed Redundancy Protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with redundancy monager product function • media redundancy protocol (MRP) with redundancy manager • Macia redundancy protocol (MRP) with redundancy manager • manager • manager • Macia redundancy protocol (MRP) with redundancy manager • Macia redundancy protocol (MRP) with redundancy manager • Macia redundancy protocol (MRP) with redundancy manager	DHCP Option 82	Yes
service / routing / note product function • static IP routing IPv6 • static IP routing IPv6 • dynamic IP routing IPv6 • Yes protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP / Yes product functions / redundancy product function • ing redundancy • High Speed Redundancy Protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with redundancy media redundancy product function • media redundancy Protocol (MRP) Yes product function • media redundancy protocol (MRP) with redundancy manager • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP) Yes	 DHCP Option 66 	Yes
service / routing / note	DHCP Option 67	Yes
product function • static IP routing • static IP routing IPv6 • static IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 protocol / is supported • RIPv2 • RIPnG for IPv6 • Ves • OSPFv2 • OSPFv2 • VRRP • VRRP • VRRP • VRRP • VRRP • VRRP Yes • VRRP Yes product functions / redundancy product functions • ring redundancy Protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) • media redundancy protocol (MRP) with redundancy manager • media redundancy protocol (MRP) with redundancy media redun	product functions / routing	
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static IP routing IPv6 dynamic IP routing dynamic IP routing IPv6 dynamic IP routing IPv6 yes dynamic IP routing IPv6 yes protocol / is supported RIPv2 RIPng for IPv6 Yes OSPFv2 OSPFv2 OSPFv3 for IPv6 VRRP VRRP VRRP Yes VRRP for IPv6 yes VRRP for IPv6 yes product functions / rodundancy product function ing redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) yes product function wedia redundancy protocol (MRP) with redundancy yes product function wedia redundancy protocol (MRP) with redundancy Yes Product function wedia redundancy protocol (MRP) with redundancy Yes Product function wedia redundancy protocol (MRP) with redundancy Yes Product function we media redundancy protocol (MRP) with redundancy wedia redundancy protocol (MRP) with redundancy Yes	product function	
dynamic IP routing dynamic IP routing IPv6 Yes protocol / is supported RIPv2 RIPnG for IPv6 Yes OSPFv2 OSPFv3 for IPv6 VRRP VRRP VRRP for IPv6 Ves VRRP for IPv6 Yes VRRP for IPv6 Yes product functions / redundancy product function ing redundancy Protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy media redundancy protocol / is supported / Media Redundancy Protocol (MRP) media redundancy protocol (MRP) with redundancy manager media redundancy protocol (MRP) with redundancy media redundancy media redundancy protocol (MRP) with redundancy media redundancy media redundancy media redundancy media redundancy media redundancy media redu	• static IP routing	Yes
dynamic IP routing IPv6 protocol / is supported RIPv2 RIPnG for IPv6 Yes OSPFv2 OSPFv3 for IPv6 VRRP VRRP VRRP for IPv6 Ves VRRP for IPv6 Yes VRRP for IPv6 Yes VRRP for IPv6 Yes VRRP for IPv6 Product functions / redundancy product function • ring redundancy • High Speed Redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager A ves Yes A ves Yes A ves Yes A ves	 static IP routing IPv6 	Yes
protocol / is supported • RIPv2 • RIPnG for IPv6 • OSPFv2 • OSPFv2 • OSPFv3 for IPv6 • VRRP • VRRP • VRRP for IPv6 • VRRP • VRRP for IPv6 Product functions / redundancy product function • ring redundancy • high Speed Redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) • media redundancy protocol (MRP) with redundancy manager • media redundancy protocol (MRP) with redundancy manager • media redundancy protocol (MRP) with redundancy manager	dynamic IP routing	Yes
RIPv2 RIPnG for IPv6 Yes OSPFv2 Yes OSPFv3 for IPv6 Yes VRRP VRRP VRRP Ves VRRP Ves VRRP for IPv6 Yes Product functions / redundancy product function Fing redundancy Fing redundancy High Speed Redundancy Protocol (HRP) High speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy Froduct I is supported / Media Redundancy Protocol (MRP) Product function media redundancy protocol (MRP) with redundancy Froduct function	dynamic IP routing IPv6	Yes
RIPnG for IPv6 OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP VRRP VRRP for IPv6 Product functions / redundancy Product function Fing redundancy Protocol (HRP) with redundancy Protocol / is supported / Media Redundancy Protocol (MRP) Product function Redundancy Yes Product function Yes High Speed redundancy protocol (HRP) with redundancy manager Protocol / is supported / Media Redundancy Protocol (MRP) Product function Redundancy Protocol (MRP) with redundancy manager Product function Redundancy Protocol (MRP) with redundancy manager Product function Redundancy Protocol (MRP) with redundancy manager Yes	protocol / is supported	
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OSPFv3 for IPv6 VRRP VRRP VRRP for IPv6 Yes Product functions / redundancy product function ing redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Yes Product function media redundancy protocol (MRP) with redundancy manager Yes	RIPnG for IPv6	Yes
VRRP VRRP for IPv6 Yes product functions / redundancy product function ing redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Yes Yes Yes	OSPFv2	Yes
VRRP for IPv6 product functions / redundancy product function ing redundancy High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Yes Yes Yes	OSPFv3 for IPv6	Yes
product functions / redundancy product function • ring redundancy • High Speed Redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager Yes	• VRRP	Yes
product function • ring redundancy • High Speed Redundancy Protocol (HRP) • high speed redundancy protocol (HRP) with redundancy manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager Yes Yes	VRRP for IPv6	Yes
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 high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Yes Yes Yes Yes		Yes
manager • high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function • media redundancy protocol (MRP) with redundancy manager Yes Yes		Yes
redundancy protocol / is supported / Media Redundancy Protocol (MRP) Product function • media redundancy protocol (MRP) with redundancy manager Yes Yes		
product function ● media redundancy protocol (MRP) with redundancy manager Yes	redundancy	Yes
media redundancy protocol (MRP) with redundancy manager Yes	protocol / is supported / Media Redundancy Protocol (MRP)	Yes
manager	product function	
Media Redundancy Protocol Interconnection (MRP-I) Yes		Yes
	Media Redundancy Protocol Interconnection (MRP-I)	Yes

 redundancy procedure STP 	Yes
 redundancy procedure RSTP 	Yes
redundancy procedure RSTP+	Yes
 redundancy procedure MSTP 	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	160
• SSH	Yes
product functions / time	163
product function	Voo
SICLOCK support	Yes
protocol / is supported	V
• NTP	Yes
• SNTP	Yes
type of time synchronization	IEEE 1588
standards, specifications, approvals	
standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC,
a for opfoty / from CSA and III	T4
for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1-03
• for emitted interference	EN 61000-6-4 (Class A)
for interference immunity	EN 61000-6-2
reference code	
"	ve
• according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KF KFE
• according to IEC 81346-2:2019 standards, specifications, approvals / CE	KFE
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking	
• according to IEC 81346-2:2019 standards, specifications, approvals / CE	KFE
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C,
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone from CSA and UL	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone from CSA and UL certificate of suitability	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone from CSA and UL certificate of suitability CCC / for hazardous zone according to GB standard	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 Yes
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone from CSA and UL certificate of suitability	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
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according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone from CSA and UL certificate of suitability CCC / for hazardous zone according to GB standard CCC / for hazardous zone according to GB standard / as marking standards, specifications, approvals / other certificate of suitability C-Tick KC approval	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 Yes Ex nA IIC T4 Gc EN 61000-6-2, EN 61000-6-4 Yes Yes
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments standard / for hazardous zone • from CSA and UL certificate of suitability • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking standards, specifications, approvals / other certificate of suitability • C-Tick • KC approval • E1 approval	Yes EN 60079-0: 2009, EN60079-15: 2010, II 3 G Ex nA IIC T4 Gc, KEMA 07 ATEX 0145 X ISA 12.12.01-2012 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4 Yes Ex nA IIC T4 Gc EN 61000-6-2, EN 61000-6-4 Yes Yes No
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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)

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