## **SIEMENS**

## **Data sheet**

## 6GK5552-0AR00-2AR2

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 integrated; ports in the front



product type designation	SCALANCE XR552-12M
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
interfaces / for communication / maximum configuration for mod	dular devices
number of electrical ports / maximum	48
number of optical ports / maximum	52
interfaces / for communication / integrated	
number of electrical connections	
<ul> <li>for network components or terminal equipment</li> </ul>	RJ45
<ul> <li>for Power-over-Ethernet / for network components or terminal equipment</li> </ul>	12
number of electrical connections	
• for SFP+	4
interfaces / for communication / plug-in	
number of 100 Mbit/s ST(BFOC) ports	
• for multimode	48
• for single mode (LD)	48
number of 1000 Mbit/s SC ports	
• for multimode	48
• for single mode (LD)	48
number of electrical connections	
• for SFP	4
• for SFP+	4
interfaces / other	
number of electrical connections	
<ul> <li>for operator console</li> </ul>	1
<ul> <li>for management purposes</li> </ul>	1
<ul> <li>for signaling contact</li> </ul>	1
<ul> <li>for media module</li> </ul>	12
for power supply	1
type of electrical connection	
<ul> <li>for operator console</li> </ul>	RJ11
<ul> <li>for management purposes</li> </ul>	RJ45
for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
design of the removable storage	
C-PLUG/KEY-PLUG	Yes
product feature / hot-swappable interface modules	Yes
signal inputs/outputs	
operating voltage / of the signaling contacts	

at DC / rated value	24 V
operational current / of the signaling contacts	27 V
at DC / maximum	0.1 A
supply voltage, current consumption, power loss	
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 60 °C
during operation     during storage	-40 +70 °C
during storage     during transport	-40 +70 °C
• note	Operation with integral fan, replaceable
relative humidity	, and the second
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	
<ul> <li>19-inch installation</li> </ul>	Yes
<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	No
wall mounting	No
<ul> <li>S7-300 rail mounting</li> </ul>	No
S7-1500 rail mounting	No
type of cable outlet	Cable outlet at front
product features, product functions, product components / general	
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	
• CLI	Yes
<ul> <li>web-based management</li> </ul>	Yes
-	
MIB support	Yes
<ul><li>MIB support</li><li>TRAPs via email</li></ul>	Yes
<ul><li>MIB support</li><li>TRAPs via email</li><li>configuration with STEP 7</li></ul>	Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> </ul>	Yes Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>port mirroring</li> </ul>	Yes Yes Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>port mirroring</li> <li>multiport mirroring</li> </ul>	Yes Yes Yes Yes Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>port mirroring</li> <li>multiport mirroring</li> <li>Cos</li> </ul>	Yes Yes Yes Yes Yes Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>port mirroring</li> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>port mirroring</li> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> </ul> PROFINET conformity class	Yes
MIB support     TRAPs via email     configuration with STEP 7     RMON     port mirroring     multiport mirroring     CoS     PROFINET IO diagnosis  PROFINET conformity class product function / switch-managed	Yes
MIB support  TRAPs via email  configuration with STEP 7  RMON  port mirroring  multiport mirroring  Cos  PROFINET IO diagnosis  PROFINET conformity class  product function / switch-managed  telegram length / for Ethernet / maximum	Yes
MIB support TRAPs via email configuration with STEP 7 RMON port mirroring multiport mirroring CoS PROFINET IO diagnosis  PROFINET conformity class product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported	Yes
MIB support  TRAPs via email  configuration with STEP 7  RMON  port mirroring  multiport mirroring  Cos  PROFINET IO diagnosis  PROFINET conformity class  product function / switch-managed  telegram length / for Ethernet / maximum  protocol / is supported  Telnet	Yes
MIB support  TRAPs via email  configuration with STEP 7  RMON  port mirroring  multiport mirroring  CoS  PROFINET IO diagnosis  PROFINET conformity class  product function / switch-managed  telegram length / for Ethernet / maximum  protocol / is supported  Telnet  HTTP	Yes
MIB support  TRAPs via email  configuration with STEP 7  RMON  port mirroring  multiport mirroring  Cos  PROFINET IO diagnosis  PROFINET conformity class  product function / switch-managed  telegram length / for Ethernet / maximum  protocol / is supported  Telnet	Yes

*	- ETD	Voc
COMPR	• FTP	Yes
DCP		
ILIDP SIMIP V1 SIMIP V2 SIMIP		
SNMP v2 SNMP v3 SNMP v3 SNMP v3 SNMP v3 SNMP system sunitariance function SNM1 - higher level designation/coation designation SNM1 - higher level designation/coation designation Product functions / diagnostics Product function / diagnostics Product function / diagnostics Product function / diagnostics SNMP v2 SNM1 - higher level designation/coation designation Product function / system syst		
SMAP v3 SMAP		
Ves		
identification & maintenance function  • I&Mo - device-specific information • I&M - thigher level designation floesignation  • I&M - higher level designation floesignation • IAM - port diagnostics • Pes • statistics Packet type • Yes • statistics Packet type • Yes • IAM - statistics • Yes • IAM - IAM - Performance / VLAN • IAM - port based • VLAN - Protocol-based • VLAN - Protocol-based • VLAN - IAM - maintum  255 • VLAN - IAM - maintum 255 • Ves • IAM - IAM - dynamic / maximum 256 • IAM - IAM - IAM - dynamic / maximum 257 • IAM -		
**IAMO - Legivicus-specific information   Yes		Yes
oriodust functions / diagnostics product functions / diagnostics  product functions  opnt diagnostics  ostatistics Packet Size  ostatistics Packet		
product functions / Idlagnostics	·	
product function  • port diagnostics • statistics Packet Size • statistics packet type • statistics packet type • statistics packet type • syst.og • syst.og • syst.og • yes • product functions / VLAN  product function • VLAN - port based • VLAN - port based • VLAN - prot protocol-based • VLAN - protocol-based • VLAN - protocol-based • VLAN - grammum 255  number of VLANs - maximum 255  number of VLANs - maximum 255  number of VLANs - maximum 255  product functions / DHCP  product functions / Protocol / Is supported / SYR • SYR		Yes
port diagnostics     statistics Packet Size     statistics packet type     error statistics         - systex packet type     even packet packet type     even packet packet type     even packet pa		
statistics Packet Size     statistics packet type     sel statistics packet type     error statistics     syst.og     product functions     VLAN - port based     VLAN - protoco-based     VLAN	•	
e statistics packet type error statistics eys,log yes  Systog product functions / LAN  product function  VLAN - port based VLAN - protocol-based VLAN - protocol - protocol (MRP) with redundancy protocol / is supported / Protocol (MRP) with redundancy protocol / is supported / Protocol (MRP) with redundancy protocol / is supported / Media Redundancy Protocol (MRP) Wes protocol / is supported / Media Redundancy protocol (MRP) with redundancy manager VLAN - protocol / is supported / Media Redundancy Protocol (MRP) Wes Protocol / is supported / Media Redundancy Protocol (MRP) wes protocol / is supported / Media Redundancy Protocol (MRP) Wes Protocol / is supported / Media Redundancy Protocol (MRP) Wes Protocol / is supported / Media Redundancy Protocol (MRP) Wes		
e error stallatics		
SysLog  product functions / VLAN  protucts muchan  VLAN - port based Yes  VLAN - protocol-based Yes  VLAN - IP-based Yes  Product function Yes  In umber of VLANS - dynamic / maximum  255  protocol / is supported / GVRP  Pes  Product function / HOP  product function  - DHCP client Yes  - DHCP Option 82 Yes  - DHCP Option 86 Yes  - DHCP Option 87 Yes  Product functions / routing  service / routing / note  product function  - static IP routing / note  - static IP routing iProf  - vas  - dynamic IP routing iPv6  - dynamic IP routing iPv6  - dynamic IP routing iPv6  - RIPV2  - RIPNG For IPv6  - RIPV2  - RIPNG for IPv6  - VRRP  - VRRP Or IPv6  - VRRP  - VRRP For IPv6  - VRRP  - VRRP  - VRRP For IPv6  - VRRP  - VRRP - VRRP - VRR - VRRP - VRR - VRRP - VRRP - VRR - VRRP - VRRP - VRR - VRRP - VRR - VRRP - VRRP - VRR - V		
product functions / VLAN   prot based   Yes		
product function  • VLAN - port based • VLAN - protocol-based • VLAN - IP-based • VLAN - IP-based • VLAN dynamic  number of VLANs / maximum 255  number of VLANs / maximum 255  protocol / is supported / GVRP  Product functions / DHCP  product functions / DHCP Option 82 • DHCP Option 83 • DHCP Option 86 • DHCP Option 86 • DHCP Option 87 • Static IP routing / note  product functions / routing  service / routing / note  product functions / routing  service / routing / PNC • static IP routing   PNC • static IP routing   PNC • dynamic IP routing   PNC • dynamic IP routing   Yes • dynamic IP routing   PNC • CSPFV2 • CSPFV2 • CSPFV2 • VRRP • Injin Speed redundancy  product function • ring redundancy  product function • ring redundancy  product function • ring redundancy protocol (HRP) • high speed redundancy protocol (MRP) • we media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product function • media redundancy protocol (MRP) with redundancy  product functions • MRP STANS STATUS STATUS STATUS STATUS ST		Yes
VLAN - protocol-based VLAN - protocol-based VLAN of protocol-based VLAN of yoramic VES VLAN of yoramic Number of VLANs / maximum Z55  number of VLANs - dynamic / maximum Z55  protocol / is supported / CVRP Product functions / DHCP  product function DHCP client PHCP Option 86 DHCP Option 66 Yes DHCP Option 67 Product functions / routing  service / routing / note Product functions / ves visite in Prouting Product function  * static iP routing / Yes * static iP routing iPv6 * dynamic iP routing iPv6 * Ves * OSPFv2 * RIPnG for iPv6 * Ves *		
VLAN - protocol-based VLAN - IP-based VLAN - Myannic Ves  VLAN - Myannic  number of VLANs / maximum 255  number of VLANs - Aynamic / maximum 255  number of VLANs - Aynamic / maximum 255  product functions / DHCP  product functions / DHCP  product function  - DHCP client - DHCP Option 82 - DHCP Option 82 - DHCP Option 86 - DHCP Option 67 - Yes - DHCP Option 7  - Yes  product functions / routing  service / routing / note product function - static IP routing   rote - static IP routing   rote - dynamic IP routing   Yes - dynamic IP routing   IPv6 - Aynamic IP routing   Yes - RIPnG for IPv6 - RIPv2 - RIPnG for IPv6 - VRRP	product function	
VLAN - IP-based	<ul> <li>VLAN - port based</li> </ul>	Yes
VLAN dynamic  number of VLANs - dynamic / maximum  number of VLANs - dynamic / maximum  protocol / is supported / GVRP  Yes  Product functions / DRICP  product function  DHCP client  DHCP Option 82  DHCP Option 86  See See See See See See See See See Se	<ul> <li>VLAN - protocol-based</li> </ul>	Yes
number of VLANs / maximum 255 number of VLANs - dynamic / maximum 255 protocol / is supported / GVRP product functions / DHCP product functions / DHCP product function / DHCP Uses DHCP Option 82 Yes DHCP Option 86 Yes DHCP Option 66 Yes DHCP Option 77 Yes product functions / routing service / routing / note	VLAN - IP-based	Yes
number of VLANs - dynamic / maximum  product functions / DHCP  product functions / DHCP  product functions / DHCP  product function  DHCP client	VLAN dynamic	Yes
protocol / is supported / GVRP  product functions / DHCP  product functions	number of VLANs / maximum	255
product functions / DHCP  product function  • DHCP client  • DHCP Option 82  • DHCP Option 66  • DHCP Option 67  * Yes  • DHCP Option 67  * Yes  * Service / routing / note  product functions / routing  * service / routing / note  product function  • static IP routing  • static IP routing  • static IP routing  • static IP routing  * Yes  • dynamic IP routing IPv6  • dynamic IP routing IPv6  • (Alphanic IP routing IPv6  • (Alphanic IP routing IPv6  • (Alphanic IPv6)  • (Alph	number of VLANs - dynamic / maximum	255
product function  OHCP Client  DHCP Option 82  Yes  OHCP Option 66  Pes  DHCP Option 67  Yes  Product functions / routing  service / routing / note  product function  • static IP routing IPv6  • static IP routing IPv6  • ves  • dynamic IP routing IPv6  • ves  odynamic IP routing IPv6  • RIPv2  • RIPv6 for IPv6  • OSPFv2  • OSPFv3 for IPv6  • VRRP  • VRRP or IPv6  Product functions / redundancy  product functions / redundancy protocol (HRP) with redundancy manager  protocol / is supported / Media Redundancy Protocol (MRP)  • inigh speed redundancy protocol (HRP) with redundancy meanager  • media redundancy protocol (MRP) with redundancy media redundancy protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP)  • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP)  • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP) yes  protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP) with redundancy  Protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP) with redundancy  Protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy  media redundancy protocol (MRP) with redundancy  Protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy  Protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy  Protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy Protocol (MRP) with redundancy	protocol / is supported / GVRP	Yes
DHCP Option 82 DHCP Option 66 Pes DHCP Option 67 Pes DHCP Option 67 Pes  DHCP Option 67 Pes  Product functions / routing  service / routing / note Product function  static IP routing IPv6 static IP routing IPv6 ves dynamic IP routing IPv6 ves dynamic IP routing IPv6 Protocol / is supported  RIPv2 RIPnG for IPv6 OSPFv2 SOSPFv2 SOSPFv3 for IPv6 VRRP VRRP VRRP VRRP VRRP VRRP VRRP VRR	product functions / DHCP	
DHCP Option 82     DHCP Option 66     Ves     DHCP Option 67     Yes  product functions / routing  service / routing / note  product function      static IP routing   Yes     static IP routing   Yes     static IP routing   Yes     dynamic IP routing   Yes     dynamic IP routing   Yes  protocol / is supported      RIPv2	product function	
DHCP Option 66     DHCP Option 67     Yes  product functions / routing  service / routing / note  product function      static IP routing     static IP routing   Yes     dynamic IP routing   Yes     dynamic IP routing   Yes  protocol / is supported  RIPv2     RIPv3     RIPv4     RIPv6     OSPFv2     OSPFv2     OSPFv9     VRRP     VRRP     VRRP     VRRP     VRRP     VRRP (Yes  Product functions / redundancy  product function      ring redundancy     high speed redundancy protocol (HRP) with redundancy manager  product function     media redundancy protocol (MRP) with redundancy manager  Product function     redurdancy protocol (MRP) with redundancy manager	DHCP client	Yes
DHCP Option 67     product functions / routing  service / routing / note  product function      static IP routing	DHCP Option 82	Yes
service / routing / note  product function  • static IP routing • yes • dynamic IP routing IPv6 • dynamic IP routing IPv6 • dynamic IP routing IPv6 • Yes  protocol / is supported • RIPv2 • RIPnG for IPv6 • Yes • OSPFv2 • OSPFv2 • OSPFv2 • VRRP • VRRP • VRRP • VRRP for IPv6 • Yes  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)  product function • media redundancy protocol (MRP) with redundancy manager  product function • media redundancy protocol (MRP) with redundancy	<ul> <li>DHCP Option 66</li> </ul>	Yes
service / routing / note	<ul> <li>DHCP Option 67</li> </ul>	Yes
product function  • static IP routing IPv6 • static IP routing IPv6 • dynamic IP routing IPv6 • Yes  protocol / is supported • RIPv2 • RIPnG for IPv6 • Ves • OSPFv2 • OSPFv3 for IPv6 • VRP • VRRP Yes  product functions / redundancy  product function • 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 (MRP) with standby redundancy  protocol / is supported / Media Redundancy Protocol (MRP)  • media redundancy protocol (MRP) with redundancy manager  • media redundancy protocol (MRP) with redundancy manager	product functions / routing	
static IP routing IPv6 static IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 dynamic IP routing IPv6 for dynamic IP routing IPv6  edynamic IP routing IPv6 Yes  rotocol / is supported  RIPv2 RIPnG for IPv6 Yes OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP VRRP VRRP VRRP VRRP VRRP VRR	service / routing / note	IP routing integrated
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     OSPFv3 for IPv6     VRRP     VRRP     VRRP     VRRP    Yes     VRRP    Yes  Product functions / redundancy  product function     ring redundancy Protocol (HRP) with redundancy manager     high speed redundancy protocol (HRP) with standby redundancy  protocol / is supported / Media Redundancy Protocol (MRP)     redundancy  product function      redundancy     Yes  Product function  Product function  Protocol / is supported / Media Redundancy Protocol (MRP)  Product function  Product	product function	
dynamic IP routing	<ul> <li>static IP routing</li> </ul>	Yes
• dynamic IP routing IPv6     protocol / is supported     • RIPv2     • RIPv6     • RIPv6     • RIPv6     • RIPv6     • RIPv7     • RIPv6     • RIPv8     • RIPv8     • RIPv9     • Ves     • SPFv3 for IPv9     • Ves     • VRRP     • VRRP for IPv9     • VRRP for IPv9     • VRRP for IPv9      product functions / redundancy      product function     • ring redundancy     • ring redundancy     • High Speed Redundancy Protocol (HRP)     • high speed redundancy protocol (HRP) with redundancy manager     • high speed redundancy protocol (HRP) with standby redundancy     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	<ul> <li>static IP routing IPv6</li> </ul>	Yes
protocol / is supported  • RIPv2  • RIPnG for IPv6  • OSPFv2  • OSPFv3 for IPv6  • VRRP  • 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 media redundancy protocol / MRP) with redundancy media redundancy protocol (MRP) yes	dynamic IP routing	Yes
RIPv2 RIPnG for IPv6 PosPrv2 RIPnG for IPv6 Superior IPv6 OSPFv2 OSPFv3 for IPv6 VRRP Ves VRRP Ves VRRP Ves VRRP for IPv6 Ves  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	dynamic IP routing IPv6	Yes
RIPnG for IPv6 OSPFv2 OSPFv3 for IPv6 Yes VRRP VRRP VRRP VRRP VRRP for IPv6  Product functions / redundancy  Product function Fing 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  media redundancy protocol (MRP) with redundancy media redundancy protocol (MRP)  Product function  media redundancy protocol (MRP) with redundancy manager  Yes	protocol / is supported	
OSPFv2 OSPFv3 for IPv6 VRRP VRRP VRRP VRRP for IPv6  Product functions / redundancy  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)  product function media redundancy protocol (MRP) with redundancy  protocol / is supported / Media Redundancy Protocol (MRP)  product function media redundancy protocol (MRP) with redundancy manager  Yes	• RIPv2	Yes
OSPFv3 for IPv6 VRRP Vres 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  Product function  Yes  Product function  MRP) With redundancy Yes  Product function  Yes	• RIPnG for IPv6	Yes
<ul> <li>VRRP</li> <li>VRRP for IPv6</li> <li>Yes</li> <li>product functions / redundancy</li> <li>product function</li> <li>ring redundancy</li> <li>High Speed Redundancy Protocol (HRP)</li> <li>high speed redundancy protocol (HRP) with redundancy manager</li> <li>high speed redundancy protocol (HRP) with standby redundancy</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Yes</li> </ul>	OSPFv2	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)  product function  ● media redundancy protocol (MRP) with redundancy manager  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
<ul> <li>ring redundancy</li> <li>High Speed Redundancy Protocol (HRP)</li> <li>high speed redundancy protocol (HRP) with redundancy manager</li> <li>high speed redundancy protocol (HRP) with standby redundancy</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> Yes Yes Yes Yes	product functions / redundancy	
<ul> <li>ring redundancy</li> <li>High Speed Redundancy Protocol (HRP)</li> <li>high speed redundancy protocol (HRP) with redundancy manager</li> <li>high speed redundancy protocol (HRP) with standby redundancy</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> Yes Yes Yes Yes	product function	
<ul> <li>High Speed Redundancy Protocol (HRP)</li> <li>high speed redundancy protocol (HRP) with redundancy manager</li> <li>high speed redundancy protocol (HRP) with standby redundancy</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul>	•	Yes
<ul> <li>high speed redundancy protocol (HRP) with redundancy manager</li> <li>high speed redundancy protocol (HRP) with standby redundancy</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Yes</li> </ul>		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		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

<ul> <li>redundancy procedure STP</li> </ul>	Yes
<ul> <li>redundancy procedure RSTP</li> </ul>	Yes
<ul><li>redundancy procedure RSTP+</li></ul>	Yes
<ul> <li>redundancy procedure MSTP</li> </ul>	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
<ul> <li>broadcast/multicast/unicast limiter</li> </ul>	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
standards, specifications, approvals	
standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC,
- 101 T W	T4
<ul> <li>for safety / from CSA and UL</li> </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	
a according to IEO 04040 0	KF
<ul> <li>according to IEC 81346-2</li> </ul>	N
<ul><li>according to IEC 81346-2</li><li>according to IEC 81346-2:2019</li></ul>	KFE
•	
• according to IEC 81346-2:2019	
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking	KFE
• according to IEC 81346-2:2019 standards, specifications, approvals / CE	Yes
according to IEC 81346-2:2019 standards, specifications, approvals / CE certificate of suitability / CE marking standards, specifications, approvals / hazardous environments	KFE
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      CCC / for hazardous zone according to GB standard      CCC / for hazardous zone according to GB standard / as	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      CCC / for hazardous zone according to GB standard / as marking	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      CCC / for hazardous zone according to GB standard      CCC / for hazardous zone according to GB standard / as marking  standards, specifications, approvals / other	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
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	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
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	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
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
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  • 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
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  • E1 approval  further information / internet links	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
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  • E1 approval  further information / internet links  internet link	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  No
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  • E1 approval  further information / internet links  internet link  • to web page: selection aid TIA Selection Tool	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 No No
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  • E1 approval  further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication	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 No http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net
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  • E1 approval  further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall	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 No No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com
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 information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Information and Download Center	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 No  http://www.siemens.com/fia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com/ http://www.siemens.com/industry/infocenter
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  • E1 approval  • E1 approval  further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Information and Download Center  • to website: Image database	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 No No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb
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 information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Information and Download Center	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 No  http://www.siemens.com/fia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com/ http://www.siemens.com/industry/infocenter
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  • E1 approval  • E1 approval  • E1 approval  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center  • to website: CAx-Download-Manager  • to website: Industry Online Support	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 No No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://www.siemens.com/bilddb
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  • E1 approval  • E1 approval  further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industry Mall  • to website: Information and Download Center  • to website: Image database  • to website: CAx-Download-Manager	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 No No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax
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  • E1 approval  • E1 approval  • E1 approval  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center  • to website: CAx-Download-Manager  • to website: Industry Online Support	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 No No  http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax

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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