## SIEMENS

## Data sheet

## 6GK5206-2RS00-5AC2



SCALANCE XC206-2G PoE Manageable Layer 2 IE PoE Switch; IEC 62443-4-2 certified; 6x 10/100/1000 Mbps RJ45 PoE ports acc. to IEEE802.3at; 2 ports of which according to IEEE802.3bt ; 2x 1,000, 10,000 Mbps SFP+; PoE support for 54 V DC Infeed; 240 W PoE Power can be distributed among all ports; 1x console port; diagnostics LED; redundant power supply; temperature range -40 °C to +60 °C; mounting on DIN rail/S7 mounting rail /wall; Redundancy functions; Office features (RSTP, VLAN,...); PROFINET device; Ethernet/IP-compliant; C-PLUG slot; IEEE 1588v2 PTP

product type designation	SCALANCE	
transfer rate	SCALANCE	
transfer rate	10 Mbit/a 100 Mbit/a 1000 Mbit/a 10 Cbit/a	
	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s	
interfaces / for communication / maximum configuration for more		
number of electrical ports / maximum	6	
number of electrical ports / with PoE / maximum	6	
number of optical ports / maximum	2	
interfaces / for communication / integrated		
number of electrical connections		
<ul> <li>for network components or terminal equipment</li> </ul>	6; RJ45	
number of 10/100/1000 Mbit/s RJ45 ports / integrated		
• with securing collar	4 PoE ports according to IEEE 802.3at (30 W), 2 PoE ports according to IEEE 802.3bt (60 W)	
<ul> <li>with securing collar / with PoE</li> </ul>	6	
number of electrical connections		
for SFP	2	
interfaces / for communication / plug-in		
number of electrical connections		
• for SFP+	2; SFPs with 1000 Mbps or 10,000 Mbps possible; 100 Mbps with SFP991-1(LD) A possible	
interfaces / other		
number of electrical connections		
<ul> <li>for operator console</li> </ul>	1	
<ul> <li>for signaling contact</li> </ul>	1	
type of electrical connection		
<ul> <li>for operator console</li> </ul>	RJ11	
<ul> <li>for signaling contact</li> </ul>	2-pole terminal block	
<ul> <li>for power supply</li> </ul>	4-pole terminal block	
design of the removable storage		
• C-PLUG	Yes	
signal inputs/outputs		
operating voltage / of the signaling contacts		
• at DC / rated value	54 V	
operational current / of the signaling contacts		
• at DC / maximum	0.1 A	
supply voltage, current consumption, power loss		
product component / connection for redundant voltage supply	Yes	
supplied active power / of PSE / with PoE		
• total / maximum	260 W	
type of voltage / 1 / of the supply voltage	DC	



<ul> <li>supply voltage / 1 / rated value</li> </ul>	54 V
<ul> <li>power loss [W] / 1 / rated value</li> </ul>	10 W
<ul> <li>supply voltage / 1 / rated value</li> </ul>	52 57 V
<ul> <li>consumed current / 1 / maximum</li> </ul>	5 A
<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
<ul> <li>fuse protection type / 1 / at input for supply voltage</li> </ul>	15 A / 125 V
ambient conditions	
ambient temperature	
during operation	-40 +60 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
• note	installation position and SFPs used during the operation have to be considered (see manual)
relative humidity	
• at 25 °C / without condensation / during operation /	95 %
maximum	
protection class IP	IP20
design, dimensions and weights	
design	compact
width	60 mm
height	147 mm
depth	125 mm
· · · · · · · · · · · · · · · · · · ·	
net weight	0.54 kg
product feature / conformal coating	No
material / of the enclosure	Polycarbonate (PC-GF10) / pressure die cast aluminum
fastening method	
<ul> <li>35 mm top hat DIN rail mounting</li> </ul>	Yes
wall mounting	Yes
<ul> <li>S7-300 rail mounting</li> </ul>	Yes
S7-1500 rail mounting	Yes
product features, product functions, product components / gen	eral
cascading in the case of a redundant ring / at reconfiguration	50
time of <\~0.3\~s	
time of <\~0.3\~s cascading in cases of star topology	any (depending only on signal propagation time)
time of <\~0.3\~s	any (depending only on signal propagation time) Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature	
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP	
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature	Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method	Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method	Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering	Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function	Yes No Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI	Yes No Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management	Yes No Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email	Yes No Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7	Yes No Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON	Yes No Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server	Yes No Yes Yes Yes Yes Yes Yes Yes No
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring	Yes No Yes Yes Yes Yes Yes Yes Yes No Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring	Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes B
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature Cut Through switching method Store & Forward switching method product functions / management, configuration, engineering product function CLI web-based management MIB support TRAPs via email configuration with STEP 7 RMON SMTP server port mirroring multiport mirroring CoS PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method <b>product functions / management, configuration, engineering</b> product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum	Yes No Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported	Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
time of <\~0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature • Cut Through switching method • Store & Forward switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported • Telnet	Yes No Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
time of <\-0.3\~s cascading in cases of star topology product function / QoS according to DSCP product feature <ul> <li>Cut Through switching method</li> <li>Store &amp; Forward switching method</li> </ul> <li>Store &amp; Forward switching method</li> <li>Store &amp; Forward switching method</li> <li>product functions / management, configuration, engineering</li> <li>product function         <ul> <li>CLI</li> <li>web-based management</li> <li>MIB support</li> <li>TRAPs via email</li> <li>configuration with STEP 7</li> <li>RMON</li> <li>SMTP server</li> <li>port mirroring</li> <li>multiport mirroring</li> <li>CoS</li> <li>PROFINET IO diagnosis</li> </ul> <li>PROFINET conformity class         <ul> <li>network load class / according to PROFINET</li> <li>product function / switch-managed</li> <li>telegram length / for Ethernet / maximum</li> <li>protocol / is supported</li> <li>Telnet</li> <li>HTTP</li> </ul> </li> </li>	Yes         No         Yes
time of <\-0.3\~s cascading in cases of star topology product function / QoS according to DSCP product function / QoS according to DSCP product functions / managementod • Cut Through switching method product functions / management, configuration, engineering product function • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • CoS • PROFINET IO diagnosis PROFINET conformity class network load class / according to PROFINET product function / switch-managed telegram length / for Ethernet / maximum protocol / is supported • TEINET • HTTP • HTTPS	Yes         No         Yes         Ye



5/11/2023

• GMRP	Yes
• DCP	Yes
• LLDP	Yes
EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
IGMP (snooping/querier)	Yes
identification & maintenance function	
<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
<ul> <li>I&amp;M1 - higher level designation/location designation</li> </ul>	Yes
product functions / diagnostics	
product function	
<ul> <li>port diagnostics</li> </ul>	Yes
<ul> <li>statistics Packet Size</li> </ul>	Yes
<ul> <li>statistics packet type</li> </ul>	Yes
error statistics	Yes
<ul> <li>SysLog</li> </ul>	Yes
product functions / VLAN	
product function	
VLAN - port based	Yes
VLAN - protocol-based	No
VLAN - IP-based	No
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
number of VLANs / at ring redundancy (HRP; MRP; standby	257
link)	201
protocol / is supported / GVRP	Yes
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
<ul><li>DHCP Option 66</li><li>DHCP Option 67</li></ul>	Yes
DHCP Option 67	
DHCP Option 67 product functions / redundancy	
DHCP Option 67 product functions / redundancy product function	Yes
DHCP Option 67 product functions / redundancy	
DHCP Option 67  product functions / redundancy  product function      of the PROFINET IO device / is supported / PROFINET	Yes
DHCP Option 67      product functions / redundancy      product function      of the PROFINET IO device / is supported / PROFINET     system redundancy	Yes
DHCP Option 67      product functions / redundancy      product function         • of the PROFINET IO device / is supported / PROFINET         system redundancy         • ring redundancy	Yes Yes Yes
DHCP Option 67  product functions / redundancy  product function      of the PROFINET IO device / is supported / PROFINET system redundancy      ing redundancy      High Speed Redundancy Protocol (HRP)	Yes Yes Yes Yes
DHCP Option 67  product functions / redundancy  product function      of the PROFINET IO device / is supported / PROFINET system redundancy      ring redundancy      High Speed Redundancy Protocol (HRP)      high speed redundancy protocol (HRP) with redundancy manager      high speed redundancy protocol (HRP) with standby	Yes Yes Yes Yes
DHCP Option 67  product functions / redundancy  product function      of the PROFINET IO device / is supported / PROFINET system redundancy      ring redundancy      High Speed Redundancy Protocol (HRP)      high speed redundancy protocol (HRP) with redundancy manager      high speed redundancy protocol (HRP) with standby redundancy	Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul>	Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function</li>	Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy</li> </ul> </li>	Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function         <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol (MRP)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function             <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes Yes Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function             <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP+</li> </ul> </li>	Yes
DHCP Option 67      product functions / redundancy      product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function             <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP</li> </ul> </li>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>DHCP Option 67</li> <li>product functions / redundancy</li> <li>product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> </li> <li>product function <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP+</li> <li>redundancy procedure MSTP</li> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Redundant Network</li> </ul> </li> </ul>	Yes
<ul> <li>DHCP Option 67</li> <li>product functions / redundancy</li> <li>product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> </li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> </li> <li>Media Redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP+</li> <li>redundancy procedure MSTP</li> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	Yes
<ul> <li>DHCP Option 67</li> <li>product function</li> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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>Media Redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP+</li> <li>redundancy procedure MSTP</li> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> <li>passive listening</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>DHCP Option 67</li> <li>product functions / redundancy</li> <li>product function <ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</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> </ul> </li> <li>protocol / is supported / Media Redundancy Protocol (MRP)</li> <li>product function <ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul> </li> <li>Media Redundancy protocol (MRP) with redundancy manager</li> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> <li>of the PROFINET IO device / is supported / H-Sync forwarding</li> <li>redundancy procedure STP</li> <li>redundancy procedure RSTP+</li> <li>redundancy procedure MSTP</li> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes



5/11/2023

product function              in the second se	product functions / security	
• EEE S02.1 (r)dua)         Yes           • soodsatt blocking         Yes           • boodsatt blocking         Yes           • SSH         Yes           • SCLCOCK support         Yes           • STP-Cleant         Yes           • STP-Cleant         Yes           • STP-Cleant         Yes           • STP-Cleant         Yes           • STP         Yes           • Standards         Standards		
• invaluational induitional induitinduitional induitional induitional induitional indu		Yes
• rondensk blockingVes• SSHVes• SSHVes• SSHVes• SSHVes• SCHCOCK supportVes• SCHCOC		
protocol /* supported         visit           • SSI         Visit           • NTP client         Visit           • NTP         Visit           • NTP         Visit           • NTP         Visit           • SNTP         Visit           • SNTP         Visit           • SNTP         Visit           • SNTP         Visit           • Standard         Visit           • Or mitted interference         EN 1000.64.2001 (Class A)           • Or mitted interference         EN 1000.64.2001 (Class A)           • Or mitted interference         EN 1000.64.2001 (Class A)           • Cordination Submation systems / according to EC 31346.2.2019         K/F           • according to EC 31346.2.2019         K/F           • according to EC 31346.2.2019         Visit           • Cordifications		
<ul> <li>SH 's'''''''''''''''''''''''''''''''''''</li></ul>		
• SI.Yesproduct function• CICLOCK supportYes• NTP-clientYes• NTP clientYes• NTP clientYes• NTP clientYes• NTPYes• NTPYes		Vec
product functions / fund =		
product function		
SICLOCK supportYes• NTP-clientYes• NTP-clientYes• NTPYes• NTPYes• NTPYes• NTPYes• NTPYes• Storp of defaultYes• Standards, specifications, approxisYes• Standards, specifications, approxisYes• Standards, specifications, approxisYes• for omital inferferenceYes• for for informating in to EC 81346-22019Yes• for for informating in to EC 81346-22019Yes• for for informating in the ENC-guideline201430/EU• for for informating in the ENC specifications, approvals / forYes• for for informating in the ENC specification informationYes• for for informating in the ENC specification in according to BIS atlandardYes• for for informating in according to BIS atlandardYes• for for informating in according to BIS atlandardYes• for for informating in according		
• NPT-clientYes• NPTP clientYes• NPTPYes• NPTPYes• NPTPYes• NPTPYes• NPTPYes• NPTPYes• NPTPYes• Normation configuration in RUN via CRPI-CRYes• for emitted interferenceEN 1000-64-2001 (Class A)• for emitted interferenceYes• for Eacutify for industrial automation systems / according to EC 81346-2Yes• for EMC Interference emissionEN 61000-6.4. EN 50121-15• for thimulty to EMCYes• for CHC Interference emissionYes• attradedYes• attradedYes• attradedYes• CCC/ for hazardous zone according to EB standardYes• CCC/ for hazardous zone according to GB standardYes• CCC/ for hazardous zone according to GB standardYes		Vee
• NTP clientYesprotocol /s supportedYes• NTPYes• NTPYes• IEEE 1588 profile defaultYesstandards. generation unUN vis CIRH-CIRYesproduct function / configuration in UN vis CIRH-CIRYesstandards. generations. approvalsFstandards. generations. approvalsEN 1000-84-2001 (Class A)• for emitted inferferenceEN 1000-84-2001 (Class A)• for interference immunityEN 1000-84-2001 (Class A)• for configuration systems / according to IECYes26444-22019Yes• for configuration in USA Vis CIRH-CIRYes• for configuration in USA Vis CIRH-CIRYes• for configuration in USA Vis CIRH-CIRYes• for CIRH for ference immunityEN 1000-64.2 (DI SIG 1346.2• for CIRH for ference immunityYes• entificate of subbility / CE markingYes• or CIRK interference emissionEN 1000-64.2 (DI SIG 134.2• for IRK interference emissionEN 1000-64.2 (DI SIG 134.2• or CIRK interference emissionEN 1000-64.2 (DI SIG 13		
protocol / is supported           • NIP         Yes           • EEE 1588 profile default         Yes           • SNTP         Yes           product function / configuration in RUN via CRNH-CR         Yes           standards, specifications, approvals         Yes           standards, specifications, approvals         First NB1000-6-4.2001 (Class A)           • for initerforence immunity         EN 81000-6-4.2001 (Class A)           • for initerforence immunity         Standard           • for initerforence immunity         According to EC           • for initerforence immunity         According to EC 81346-2           • for initerforence immunity         According to EC 81346-2           • according to EC 81346-2         KF           • according to EC 81346-2         KF           • according to EC 81346-2         KF           • according to EC 81346-2         Yes           • for interforence amission         Product Conformity / according to ENC-guideline           • according to ENC 9-guideline         Standard           • for interforence amission         EN 1000-6-4, EN 60121-15           • for interforence amission         EN 1000-6-4, EN 60121-15           • for interforence amission         EN 1000-6-4, EN 60121-15           • for interforence amission         EN		
NTP         Yes           • SNTP         Yes           • IEEE 1588 profile default         Yes           product function / configuration in RUN via CIR/H-C/R         Yes           standards, specifications, approvals         Example           standards, profileations, approvals         Example           standards, profileations, approvals         EN 61000-64.2001 (Class A)           of or interference immunity         EN 61000-64.2001 (Class A)           • for interference immunity         EN 61000-64.2001 (Class A)           • for interference immunity         Yes           • excording to IEC 61346-2.2019         Yes           • according to IEC 61346-2.2019         KF E           • according to IEC 61346-2.2019         Yes           • for EAC Interference emission         EN 61000-64.2 EN 50121-15           • for EAC Interference emission         EN 61000-64.2 EN 50121-15           • for EAC Interference emission         EN 61000-64.2 EN 50121-15           • for EAC Interference emission         EN 61000-64.2 EN 50121-15           • for EAC Interference emission         EN 61000-64.2 EN 50121-15           • for Ch Interference emission         EN 61000-64.2 EN 50121-15           • for Ch Interference emission         EN 61000-64.2 EN 50121-15           • for Ch Inteardous zone according to GB standa		res
• SNTPYes• EEE 1638 profile defaultYesproduct function during operationproduct function / configuration in RUN via CR0H-CRYesstandards.spacifications.approvalsstandards.spacifications.approvalsi for or mitted interferenceEN 61000-64-2001 (Class A)i for interference immunityEN 61000-64-2001 (Class A)i for interference immunityYesgata4-22.019YesI ference codeYes• according to EC 61346-2KF• according to EC 61346-2KF• according to EC 61346-2Yes• according to EC 61346-2Yes• product conformity / according to EMC-guideline2014/30/EUstandardYes• for fimulatify / Em antingYes• for fimulatify / Ce matringYes• for fimulatify / CompanyYes• for fimulatify / CompanyYes• for fimulatify / Ch matringYes• for EMC Interference emissionEN 61000-64, EN 50121-15• for fimulatify / For attractions arone according to EB standardYes• for EMC Interference emissionEN 61000-64, EN 50121-15• for EMC Interference emissionYes• for EMC Interference emissionYes• for CMC InterferenceYes• for CMC InterferenceYes• for CMC In		Vec
• IEEE 1688 profile default         Yes           system modification during operation         Yes           standard         Yes           standard         EN 61000-64-2001 (Class A)           • for mitted interference         EN 61000-62-2001           • for mitted interference         EN 61000-62-2001           • for interference imunity         Zr a           • for interference imunity         Zr a           • for interference imunity         Sr a           • for interference imunity         Zr a           • for interference imunity         Sr a           • for interference imunity         KF           • eaccording to EC 81346-2         KF           • eaccording to EC 81346-2         KF           • eaccording to EC 81346-2         Yes           • eaccording to EC 81346-2         Yes           • product Chroling Accord to ENC-guideline         2014/30/EU           • according to EC 81346-2         Yes           • product chroling / accord to ENC-guideline         2014/30/EU           • according to EC 81346-2         Yes           • for Encl Interference emission         EN 61000-6-2, EN 50121-15           • for Encl Interference emission         Yes           • for Encl Interference emission         Yes		
system modification during operation product function / configuration in RUN via CIRH-CIR product function / configuration in RUN via CIRH-CIR standards_specifications_approvals standards_specifications_approvals standards_specifications_approvals standards_specifications_approvals if reference immunity if rescurity for industrial automation systems / according to IEC S24334-22019 if reference code is according to IEC 81346-2 is according to IEC 91346-2 is according to IEC 91346-1 is according to IEC 91346-1 is according to IEC 91346-1 is according to IEC		
product function / configuration in RUN via CR/H-CIR         Yes           standard         EN 61000-64-2001 (Class A)           • for emitted interference         EN 61000-64-2001 (Class A)           • for interference immunity         EN 61000-62-2001           • for interference immunity         EN 61000-62-2001           • for interference immunity         Yes           • according to IEC 31345-2019         KF           • for ENC Interference emission         EN 61000-6-2, EN 50121-15           • for FLX interference emission         EN 61000-6-2, EN 50121-15           • for CLU interference emission         EN 61000-6-2, EN 50121-15           • for CLU interference emission         EX 1000-2-2, EN 50121-15 <td></td> <td>Yes</td>		Yes
standard specifications, approvals         EN 61000-64:2001 (Class A)           • for interference immunity         EN 61000-64:2001 (Class A)           • for interference immunity         EN 61000-62:2001           IT security for industrial automation systems / according to IEC         Yes           • development of the fold statial automation systems / according to IEC         Yes           • according to IEC 81346-2         KF           • according to IEC 81346-2         KFE           • according to IEC 81346-2:2019         Ves           • product conformity / according to EMC-guideline         2014/30/IEU           • atandard         Ves           • for EMC Interference emission         EN 61000-6-4; EN 50121-15           • for FIN As conformity         Yes; 201185/EU           • atandard         Yes; 201185/EU           • atandard         Yes           • atacks, specifications, approvals / Bestandard         Yes           • CCC / for hazardous zone according to GB standard         Yes           • for GULus HazLoc / as marking         CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 Ta: -40°C +70°C           • for GUL As amarking </td <td></td> <td></td>		
standard • for interference immunity IT security for industrial automation systems / according to IEC 62443-4-22019 IT security for industrial automation systems / according to IEC 62443-4-22019 IT security for industrial automation systems / according to IEC 62443-4-22019 IT security for industrial automation systems / according to IEC 62443-4-22019 IT security for industrial automation systems / according to IEC 62443-4-22019 IT security for industrial community 6 according to IEC 81346-2 eactording to IEC 81346-		Yes
• for emitted interferenceEN 61000-64-2001 (Class A)• for interference immunityEN 61000-62-2001• for interference immunityYes• for interference immunity37 a• mtBF37 a• according to EC 81346-2KF• according to EC 81346-2019KF• according to EC 81346-2019KF• according to EC 81346-2019Yes• for EMC Interference emissionEN 61000-6-4, EN 50121-15• for immunity to EMCEN 61000-6-4, EN 50121-4• activationity, according to EB standardYes• activationity, according to EB standardYes• activationity, according to EB standardYes• activationityYes• activat		
• for interference immunity         EN 61000-6-2:2001           IT security for industrial automation systems / according to ECC         Yes           02433-42:2019         Yes           mTBF         37 a           reference code         KF           • according to EC 81346-2         KF           • according to EC 81346-2:2019         KFE           • according to EC 81346-2:2019         KFE           • according to EC 81346-2:2019         Yes           • controling to EC 81346-2:2019         Yes           • according to EC 81346-2:2019         KFE           • according to EC 81346-2:2019         Yes           • for EMC Interference emission         EN 61000-6-4, EN 50121-15           • for fEMC interference emission         EN 61000-6-4, EN 50121-15           • for fEMC interference emission         EN 61000-6-4, EN 50121-4           • for fEMC interference emission         EN 61000-6-4, EN 50121-4           • for fEMC interference emission         EN 61000-6-4, EN 50121-4           • for fEMC interference emission         EN 61000-6-4, EN 50121-4           • for fEMC interference emission         Yes           • for cultus hazzo / as marking         CL1, DIV2, Group A, B, C, D T4, CL1, Zone 2, Group IIC, T4           • for cultus hazzo / as marking         CL1, DIV2, Group A, B, C, D T4, CL1,		
IT security for industrial automation systems / according to IEC       Yes         62443-42:2019       37 a         reference code       according to IEC 81346-2         • according to IEC 81346-2:2019       KF         • for immunity to EMC       2014/30/EU         standard       • for FMC Interference emission       EN 61000-6-4, EN 50121-15         • for fLK interference emission       EN 61000-6-2, EN 50121-4         • certificate of suitability       Yes; 2011/65/EU         • attack's, specifications, approvals / hazardous environments       Yes         • attack's, specifications, approvals / fazardous environments       Yes         • for clLLus HazLo c / as marking       CL1, DIV2, group A,B,C,D T		
6243-42:2019         Implementation           MTBF         37 a           reference code         Implementation           - according to IEC 81346-2         KF           - according to IEC 81346-2:2019         KFE           standards. specifications. approvals / CE         Implementation           certificate of suitability / CE marking         Yes           product conformity / according to EMC-guideline         2014/30/EU           standard         Implementation           in for EMC Interference emission         EN 61000-64, EN 50121-15           if or immunity to EMC         EN 61000-64, EN 50121-15           standard         Implementation           if or EMC Interference emission         EN 61000-64, EN 50121-15           standard         Yes           certificate of suitability / RoHS conformity         Yes           if CC C/ for hazardous zone according to GB standard         Yes           if CC / for hazardous zone according to GB standard         Yes           if or cULus Hazt.co / as marking         CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 Ta: -40 "C +70 "C           standards, specifications, approvals / other         Certificate of suitability           if or CULus Hazt.co / as marking         Yes           if or ull-specilitations, approvals / other         Certifi	•	
MTBF         37 a           reference code         -           • according to IEC 81346-2: 2019         KFE           standards, spoetfications, approvals / CE         -           certificate of suitability / CE marking         Yes           product conformity / according to EMC-guideline         2014/30/EU           standard         -           • for EMC interference emission         EN 61000-64, EN 50121-15           • for firmminity to EMC         EN 61000-64, EN 50121-14           certificate of suitability / RoHS conformity         Yes; 2011/65/EU           standards, specifications, approvals / hazardous environments         -           certificate of suitability         Yes; 2011/65/EU           ethficate of suitability         Yes           • CCC / for hazardous zone according to GB standard         Yes           • For CULus HazLoc / as marking         CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta; -40°C +70°C           standards, specifications, approvals / other         Yes           • for CULus HazLoc / as marking         Yes           • for GULus HazLo / as marking         Yes           <		Yes
reference code       kFE         according to IEC 81346-2       KF         according to IEC 81346-22019       KFE         standards, specifications, approvals / CE       2014/30/EU         certificate of suitability / CE marking       Yes         product conformity / according to EMC-guideline       2014/30/EU         standard       interference emission       EN 61000-6-4, EN 50121-15         in for IMM interference emission       EN 61000-6-2, EN 50121-4         certificate of suitability / RoHS conformity       Yes; 2011/65/EU         standards, specifications, approvals / hazardous environments       Yes; 2011/65/EU         certificate of suitability       Yes         i IECEX       Yes         i IECEX       Yes         i IECEX       Yes         i For ULus HazLoc / as marking       CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4         i For FM / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       Yes         ectridate of suitability       Yes         i For IV as marking       Yes         i for IW as marking       Yes         i for IV as marking       Yes         i for Out GotiO-2:201 / as File Nr.       EB5972 (NRAQ, NRAQ7)		37 a
• according to IEC 81346-2:2019         KFE           standards, specifications, approvals / CE	reference code	
• according to IEC 81346-2:2019         KFE           standards, specifications, approvals / CE	<ul> <li>according to IEC 81346-2</li> </ul>	KF
standards, specifications, approvals / CE         certificate of suitability / CE marking       Yes         product conformity / according to EMC-guideline       2014/30/EU         standard       EN 61000-6-2, EN 50121-15         • for EMC interference emission       EN 61000-6-2, EN 50121-15         • for immunity to EMC       EN 61000-6-2, EN 50121-4         certificate of suitability / RoHS conformity       Yes         standards, specifications, approvals / hazardous environments         certificate of suitability       Yes         • for CULus HazLoc / as marking       CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4         • for CULus HazLoc / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       Yes         certificate of suitability       Yes         • for CULus HazLoc / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       Yes         certificate of suitability       Yes         • KC approval       Yes         • for UL 61010-2-201 / as File Nr.       E85972 (NRAQ, NRAQ7)         • FAC approval       Yes         product extension / optional / C-PLUG       Yes         further information / intermet-Links	-	KFE
certificate of suitability / CE marking     Yes       product conformity / according to EMC-guideline     2014/30/EU       standard     EN 61000-6-4, EN 50121-15       • for EMC interference emission     EN 61000-6-4, EN 50121-4       certificate of suitability / RoHS conformity     Yes; 2011/65/EU       standards, specifications, approvals / hazardous environments     Environments       certificate of suitability     Yes; 2011/65/EU       standards, specifications, approvals / hazardous environments     Yes; 2011/65/EU       certificate of suitability     Yes; 2011/65/EU       standards, specifications, approvals / hazardous environments     Yes; 2011/65/EU       certificate of suitability     Yes; 2011/65/EU       standards, specifications, approvals / hazardous environments     Yes       of CF M/ as marking     CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4       of or FM / as marking     CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C       standards, specifications, approvals / other     Yes       certificate of suitability     Yes       • for FM / as marking     CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C       standards, specifications, approvals / other     Yes       certificate of suitability     Yes       • for FM / as marking     Yes       or UL 61010-2-201 / as File Nr.     E85972 (NRAQ, NRAQ7)		
product conformity / according to EMC-guideline         2014/30/EU           standard         EN 61000-6-4, EN 50121-15                • for immunity to EMC         EN 61000-6-2, EN 50121-4           certificate of suitability / RoHS conformity         Yes; 2011/65/EU           standards, specifications, approvals / hazardous environments         ECEC           certificate of suitability         Yes;                • ATEX         Yes                • ECEX         Yes                • ECEX         Yes                • CCC / for hazardous zone according to GB standard         Yes                • for CULus HazLoc / as marking         CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4                • for or H/ as marking         CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C           standards, specifications, approvals / other         Sequilatory Compliance Mark (RCM)                • KC approval         Yes               • for UL 61010-2-201 / as File Nr.             E85972 (NRAQ, NRAQ7)               • EAC approval             Yes               radiway application or idTIA Selection Tool               • further information / internet-Links           Internet-Link               • to webs page: selection aid TIA Selection Tool               • to websi		Yes
standard  for EMC interference emission  for immunity to EMC EN 61000-6-4, EN 50121-15 EN 61000-6-2, EN 50121-4 Yes; 2011/65/EU  standards, specifications, approvals / hazardous environments  certificate of suitability  ATEX ECC / for hazardous zone according to GB standard Fes CCC / for hazardous zone according to GB standard Fes CCC / for hazardous zone according to GB standard Fes CCC / for hazardous zone according to GB standard Fes CCL / DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 FM registration FM / as marking CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 FM registration FM / as marking CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C Standards, specifications, approvals / other Certificate of suitability KC approval FK es FM registration FK / as marking FK es FM registration FK / as marking FK es FK		
• for EMC interference emissionEN 61000-6-4, EN 50121-15• for immunity to EMCEN 61000-6-2, EN 50121-4certificate of suitability / RoHS conformityYes; 2011/65/EUstandards, specifications, approvals / hazardous environmentscertificate of suitabilityYes• ATEXYes• LECExYes• LECExYes• for cULus HazLoc / as markingCL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4• for cULus HazLoc / as markingCL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4 Ta: -40 °C +70 °C• for FM / as markingCL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C• for FM / as markingCL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C• for GULus HazLoc / as markingYes• for FM / as markingYes• for FM / as markingYes• for FM / as markingYes• for GUL 61010-2:01 / as File Nr.E85972 (NRAQ, NRAQ7)• FAC approvalYes• for UL 61010-2:201 / as File Nr.E85972 (NRAQ, NRAQ7)• EAC approvalYesrorduct extension / optional / C-PLUGYesfurther information / internet-LinksInternet-Link• lo web page: selection aid TIA Selection Toolhttp://www.siemens.com/lia.selection.tool• lo website: industrial communicationhttp://www.siemens.com/simalic.net• lo website: industrial communicationhttp://www.siemens.com/simalic.net• lo website: industrial communicationhttp://www.siemens.com/simalic.net• lo website: industrial commu		
• for immunity to EMCEN 61000-6-2, EN 50121-4certificate of suitability / RoHS conformityYes; 2011/65/EUstandards, specifications, approvals / hazardous environmentscertificate of suitabilityYes; 2011/65/EUentificate of suitabilityYes• ATEXYes• ECCExYes• ECCExYes• CCC / for hazardous zone according to GB standardYes• for cULus HazLoc / as markingCL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4• FM registrationYes• for H/ as markingCL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40°C +70°Cstandards, specifications, approvals / otherYescertificate of suitabilityYes• KC approvalYes• KC approvalYes• for UL of 1010-2:201 / as File Nr.E85972 (NRAQ, NRAQ7)• EAC approvalYesaccessoriesYesproduct extension / optional / C-PLUGYesfurther information / internet-LinksHttp://www.siemens.com/ita-selection-tool• to website: industry Mallhttp://www.siemens.com/ita-selection-tool• to website: industry Mallhttp://www.siemens.com/industry/infocenter• to website: industry Mallhttp://www.siemens.com/industry/infocenter		EN 61000-6-4. EN 50121-15
certificate of suitability / RoHS conformity       Yes; 2011/65/EU         standards, specifications, approvals / hazardous environments         certificate of suitability       Yes            • ATEX       Yes            • IECEx       Yes            • CCC / for hazardous zone according to GB standard       Yes            • for cULus HazLoc / as marking       CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4            • FM registration       Yes            • for FM / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       Standards, specifications, approvals / other            certificate of suitability        Yes            e Regulatory Compliance Mark (RCM)       Yes            e FAC approval       Yes            e for UL 61010-2-201 / as File Nr.       E85972 (NRAQ, NRAQ7)            e EAC approval       Yes            product extension / optional / C-PLUG       Yes            further information / internet-Links       Internet-Link            i to web page: selection aid TIA Selection Tool       http://www.siemens.com/lia-selection-lool            i to website: Industrial communication       http://www.siemens.com/simatic-net	• for immunity to EMC	
standards, specifications, approvals / hazardous environments         certificate of suitability <ul> <li>ATEX</li> <li>Yes</li> <li>IECEx</li> <li>Yes</li> <li>CCC / for hazardous zone according to GB standard</li> <li>Yes</li> <li>CCC / for hazardous zone according to GB standard</li> <li>Yes</li> <li>Cor cULus HazLoc / as marking</li> <li>CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4</li> <li>FM registration</li> <li>Yes</li> <li>for FM / as marking</li> <li>CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C</li> </ul> <li>standards, specifications, approvals / other</li> <li>certificate of suitability</li> <li>KC approval</li> <li>Yes</li> <ul> <li>railway application in accordance with EN 50121-4</li> <li>Yes</li> <li>for UL 61010-2-201 / as File Nr.</li> <li>E85972 (NRAQ, NRAQ7)</li> <li>EAC approval</li> <li>Yes</li> </ul> <li>accessories</li> <li>further information / optional / C-PLUG</li> <li>Yes</li> <li>further information / internet-Links</li> <li>Internet-Link         <ul> <li>to web page: selection aid TIA Selection Tool</li> <li>http://www.siemens.com/ita-selection-tool</li> <li>http://www.siemens.com/ita-selection-tool</li> <li>http://www.siemens.com/ita-selection-tool</li> <li>http://www.siemens.com/ita-selection-tool</li> <li>http://www.siemens.com/ita-selection-tool</li> </ul> </li>	· · · · · · · · · · · · · · · · · · ·	
certificate of suitability       Yes         ATEX       Yes         • IECEx       Yes         • CCC / for hazardous zone according to GB standard       Yes         • for cULus HazLoc / as marking       CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4         • FM registration       Yes         • for CULus HazLoc / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       Yes         certificate of suitability       Yes         • KC approval       Yes         • KC approval       Yes         • for UL 61010-2-201 / as File Nr.       E85972 (NRAQ, NRAQ7)         • EAC approval       Yes         product extension / optional / C-PLUG       Yes         Internet-Link       Internet-Links         Internet-Link       http://www.siemens.com/tia-selection-tool         • to web page: selection aid TIA Selection Tool       http://www.siemens.com/simatic-net         • to web site: Industrial communication       http://www.siemens.com/simatic-net         • to website: Industry Mall       http://www.siemens.com/simatic-net         • to website: Information and Download Center       http://www.siemens.com/industry/infocenter	, ,	
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• CCC / for hazardous zone according to GB standard       Yes         • for cULus HazLoc / as marking       CL1, DIV2, Group A,B,C,D T4, CL1, Zone 2, Group IIC, T4         • FM registration       Yes         • for FM / as marking       CL1, DIV2, group A,B,C,D T4, CL1, Zone 2, group IIC, T4 Ta: -40 °C +70 °C         standards, specifications, approvals / other       standards, specifications, approvals / other         certificate of suitability       Yes         • KC approval       Yes         • Regulatory Compliance Mark (RCM)       Yes         • for UL 61010-2-201 / as File Nr.       E85972 (NRAQ, NRAQ7)         • EAC approval       Yes         accessories       Yes         product extension / optional / C-PLUG       Yes         Internet-Link       Yes         • to web page: selection aid TIA Selection Tool       http://www.siemens.com/tia-selection-tool         • to web site: Industrial communication       http://www.siemens.com/simatic-net         • to website: Industrial communication       http://www.siemens.com/simatic-net         • to website: Industry Mall       https://mail.industry.siemens.com         • to website: Information and Download Center       http://www.siemens.com/industry/infocenter		
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<ul> <li>to website: CAx-Download-Manager</li> <li>to website: Industry Online Support</li> <li>security information</li> </ul>	http://www.siemens.com/cax https://support.industry.siemens.com
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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