## **Data sheet**

## 6GK5208-0HA00-2TS6



SCALANCE XP208 (EIP), managed IE switch, 8x 10/100 Mbit/s M12 ports, IP65, LED diagnostics, error signaling contact, redundant power supply, IEC 62443-4-2 certified; Ethernet/IP, network management, including dust caps, including electronic manual on CD-ROM, C-plug optional.

transfer rate transfer for communication / integrated transfer of location components or terminal equipment transfer of location decided integrated as the for operator console of or operator console for power supply type of electrical connection of or operator console of or signaling contact of or signaling contact of or signaling contact of or power supply tesion of the removable storage of c-P-LUG Yes signal inputs/outputs operating voltage / of the signaling contacts of at DC / rated value operational current / of the signaling contacts of at DC / maximum  Outlassupply voltage, current consumption, power loss product component / connection for redundant voltage supply type of voltage / 1 / of the supply voltage on supply voltage / 1 / rated value on onsumed current / 1 / trated value on onsumed current / 1 / trated value on onsumed current / 1 / rated value on onsumed current / 1 / rat	product type designation	SCALANCE XP208
Interfaces / for communication / integrated number of electrical connections  • for network components or terminal equipment number of 10/100 Mbit/s M12-ports (D-coded) / integrated  Interfaces / other number of electrical connections  • for operator console • for signaling contact • for power supply 1 type of electrical connection • for operator console • for signaling contact • for power supply 1 type of electrical connection • for operator console • for signaling contact • for power supply 4-pin M12 socket (A coded) • for signaling contact • for power supply 4-pin M12 plug (A-coded)  design of the removable storage • C-PLUG Yes  signal inputs/outputs operating voltage / of the signaling contacts • at DC / rated value 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  type of voltage / 1 / rated value • power loss [W] / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input amblent conditions	transfer rate	
number of electrical connections  • for network components or terminal equipment number of 10/100 Mbit/s M12-ports (D-coded) / integrated interfaces / other number of electrical connections  • for operator console 1 • for power supply 1 type of electrical connection  • for operator console 5-pin M12 socket (A coded) • for signaling contact 5-pin M12 connector (B-coded) • for signaling contact 5-pin M12 plug (A-coded) • for signaling contact 5-pin M12 plug (A-coded) • for power supply 4-pin M12 plug (A-coded)  design of the removable storage • C-PLUG Yes  signal inputs/outputs operating voltage / of the signaling contacts • at DC / rated value 24 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  type of voltage / 1 / rated value 24 V • power loss [W] / 1 / rated value 5 W • consumed current / 1 / tartated supply voltage / maximum  • supply voltage / 1 / rated value 5 W • consumed current / 1 / tartated supply voltage / maximum  • supply voltage / 1 / rated value 19.2 28.8 V • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply input ambient conditions	transfer rate	10 Mbit/s, 100 Mbit/s
• for network components or terminal equipment number of 10/100 Mbit/s M12-ports (D-coded) / integrated  Interfaces / other  number of electrical connections  • for operator console • for signaling contact • for power supply  type of electrical connection • for operator console • for signaling contact • for power supply  type of electrical connection • for operator console • for signaling contact • for power supply  design of the removable storage • C-PLUG  Yes  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  operational current / of the signaling contacts • at DC / maximum  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	interfaces / for communication / integrated	
number of 10/100 Mbit/s M12-ports (D-coded) / integrated  Interfaces / other  number of electrical connections	number of electrical connections	
Interfaces / other  number of electrical connections  • for operator console • for signaling contact • for power supply 1  type of electrical connection • for operator console • for signaling contact • for power supply 1  type of electrical connection • for operator console • for signaling contact • for power supply 4-pin M12 socket (A coded) • for power supply 4-pin M12 plug (A-coded)  design of the removable storage • C-PLUG Yes  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value 24 V  operational current / of the signaling contacts • at DC / maximum  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1/ of the supply voltage • supply voltage / 1/ rated value • power loss [W] / 1 / rated value • power loss [W] / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	<ul> <li>for network components or terminal equipment</li> </ul>	8
number of electrical connections  • for operator console • for signaling contact • for power supply  type of electrical connection • for operator console • for operator console • for operator console • for operator console • for signaling contact • for power supply  design of the removable storage • C-PLUG  **Yes  **signal inputs/outputs**  operating voltage / of the signaling contacts • at DC / rated value operational current / of the signaling contacts • at DC / maximum  **supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  **type of voltage / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply • product component / 1 / fusing at power supply input  **ambient conditions**	number of 10/100 Mbit/s M12-ports (D-coded) / integrated	8
• for operator console • for signaling contact • for power supply  type of electrical connection • for operator console • for signaling contact • for operator console • for signaling contact • for signaling contact • for signaling contact • for power supply  design of the removable storage • C-PLUG  **signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  operational current / of the signaling contacts • at DC / maximum  outputy voltage, current consumption, power loss  product component / connection for redundant voltage  supply voltage, current consumption, power loss  product component / onnection for redundant voltage  supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	interfaces / other	
• for signaling contact • for power supply  type of electrical connection • for operator console • for signaling contact • for power supply  design of the removable storage • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  operational current / of the signaling contacts • at DC / maximum  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	number of electrical connections	
• for power supply  type of electrical connection • for operator console • for signaling contact • for power supply  design of the removable storage • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  operational current / of the signaling contacts • at DC / maximum  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	<ul> <li>for operator console</li> </ul>	1
type of electrical connection  • for operator console • for signaling contact • for power supply  design of the removable storage • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  operational current / of the signaling contacts • at DC / maximum  operational current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value  opower loss [W] / 1 /	<ul> <li>for signaling contact</li> </ul>	1
• for operator console     • for signaling contact     • for power supply     design of the removable storage     • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts     • at DC / rated value     operational current / of the signaling contacts     • at DC / maximum  supply voltage, current consumption, power loss product component / connection for redundant voltage supply  type of voltage / 1 / rated value     • supply voltage / 1 / rated value     • power loss [W] / 1 / rated value     • consumed current / 1 / at rated supply voltage / maximum  supply voltage / 1 / rated value     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • supply voltage / 1 / rated value     • consumed current / 1 / maximum     • type of electrical connection / 1 / for power supply     • product component / 1 / fusing at power supply input  ambient conditions	for power supply	1
• for signaling contact • for power supply  design of the removable storage • C-PLUG  **Test of the signaling contacts • at DC / rated value  operating voltage / of the signaling contacts • at DC / maximum  operational current / of the signaling contacts • at DC / maximum  operational current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • power loss [W] / 1 / rated value • power loss [W] / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • voltage / 1 / rated value • consumed current / 1 / maximum • voltage / 1 / rated value • consumed current / 1 / maximum • voltage / 1 / rated value • voltage / 1 / rated value • consumed current / 1 / maximum • voltage / 1 / rated value • consumed current / 1 / maximum • voltage / 1 / rated value • voltage / 1 / ra	type of electrical connection	
• for power supply  design of the removable storage     • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts     • at DC / rated value  operational current / of the signaling contacts  • at DC / maximum  O.1 A  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • value / va	<ul> <li>for operator console</li> </ul>	5 pin M12 socket (A coded)
design of the removable storage  • C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts  • at DC / rated value  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  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	<ul> <li>for signaling contact</li> </ul>	5-pin M12 connector (B-coded)
• C-PLUG  signal inputs/outputs  operating voltage / of the signaling contacts • at DC / rated value  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  type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input  ambient conditions	for power supply	4-pin M12 plug (A-coded)
signal inputs/outputs  operating voltage / of the signaling contacts  • at DC / rated value  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  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	design of the removable storage	
operating voltage / of the signaling contacts  • at DC / rated value  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  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	• C-PLUG	Yes
<ul> <li>at DC / rated value</li> <li>operational current / of the signaling contacts</li> <li>at DC / maximum</li> <li>0.1 A</li> </ul> supply voltage, current consumption, power loss product component / connection for redundant voltage supply type of voltage / 1 / of the supply voltage <ul> <li>supply voltage / 1 / rated value</li> <li>power loss [W] / 1 / rated value</li> <li>consumed current / 1 / at rated supply voltage / maximum</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / at rated supply voltage / maximum</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> </ul> 4-pin M12 plug (A-coded) Yes ambient conditions	signal inputs/outputs	
operational current / of the signaling contacts	operating voltage / of the signaling contacts	
at DC / maximum  supply voltage, current consumption, power loss  product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage  supply voltage / 1 / rated value  supply voltage / 1 / rated value  power loss [W] / 1 / rated value  consumed current / 1 / at rated supply voltage / maximum  supply voltage / 1 / rated value  supply voltage / 1 / rated value  supply voltage / 1 / rated value  consumed current / 1 / maximum  type of electrical connection / 1 / for power supply  product component / 1 / fusing at power supply input  ambient conditions	at DC / rated value	24 V
product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • supply voltage / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	operational current / of the signaling contacts	
product component / connection for redundant voltage supply  type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	<ul><li>at DC / maximum</li></ul>	0.1 A
type of voltage / 1 / of the supply voltage  • supply voltage / 1 / rated value  • power loss [W] / 1 / rated value  • consumed current / 1 / at rated supply voltage / maximum  • supply voltage / 1 / rated value  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions	supply voltage, current consumption, power loss	
<ul> <li>supply voltage / 1 / rated value</li> <li>power loss [W] / 1 / rated value</li> <li>consumed current / 1 / at rated supply voltage / maximum</li> <li>supply voltage / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> <li>ambient conditions</li> </ul>		Yes
power loss [W] / 1 / rated value     consumed current / 1 / at rated supply voltage / maximum     supply voltage / 1 / rated value     supply voltage / 1 / rated value     consumed current / 1 / maximum     type of electrical connection / 1 / for power supply     product component / 1 / fusing at power supply input  ambient conditions  5 W  0.2 A  0.2 A  4-pin M12 plug (A-coded)  Yes	type of voltage / 1 / of the supply voltage	DC
consumed current / 1 / at rated supply voltage / maximum      supply voltage / 1 / rated value     supply voltage / 1 / rated value     consumed current / 1 / maximum     type of electrical connection / 1 / for power supply     product component / 1 / fusing at power supply input  ambient conditions  0.2 A  19.2 28.8 V  4-pin M12 plug (A-coded)  Yes	<ul> <li>supply voltage / 1 / rated value</li> </ul>	24 V
maximum  • supply voltage / 1 / rated value  • consumed current / 1 / maximum  • type of electrical connection / 1 / for power supply  • product component / 1 / fusing at power supply input  ambient conditions  19.2 28.8 V  4-pin M12 plug (A-coded)  Yes	<ul><li>power loss [W] / 1 / rated value</li></ul>	5 W
<ul> <li>consumed current / 1 / maximum</li> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> <li>ambient conditions</li> </ul>		0.2 A
<ul> <li>type of electrical connection / 1 / for power supply</li> <li>product component / 1 / fusing at power supply input</li> <li>ambient conditions</li> <li>4-pin M12 plug (A-coded)</li> <li>Yes</li> </ul>	<ul><li>supply voltage / 1 / rated value</li></ul>	19.2 28.8 V
product component / 1 / fusing at power supply input     Yes     ambient conditions	<ul><li>consumed current / 1 / maximum</li></ul>	0.21 A
ambient conditions	<ul> <li>type of electrical connection / 1 / for power supply</li> </ul>	4-pin M12 plug (A-coded)
	<ul> <li>product component / 1 / fusing at power supply input</li> </ul>	Yes
ambient temperature	ambient conditions	
	ambient temperature	
• during operation -40 +70 °C	<ul><li>during operation</li></ul>	-40 +70 °C
• during storage -40 +70 °C	<ul> <li>during storage</li> </ul>	-40 +70 °C

during transport	-40 +70 °C
relative humidity	
• at 25 °C / without condensation / during operation /	95 %
maximum	IP65
protection class IP	IF UJ
design, dimensions and weights	
design	compact
width	200 mm
height	200 mm
depth	49 mm
net weight	1.8 kg
material / of the enclosure	Aluminum ET200pro modulo carrier
fastening method	ET200pro module carrier Yes
wall mounting  product features, product functions, product components	
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	50
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineeri	ng
product function	
• CLI	Yes
web-based management	Yes
MIB support	Yes
• TRAPs via email	Yes
• configuration with STEP 7	Yes
• RMON	Yes
• port mirroring	Yes
multiport mirroring	Yes
• CoS	Yes
with IRT / PROFINET IO switch	No
PROFINET To diagnosis	Yes
PROFINET conformity class	В
network load class / according to PROFINET	2 Voc
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	1518 byte
protocol / is supported  Telnet	Yes
HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• DCP	Yes
• LLDP	Yes
• EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
IGMP (snooping/querier)	Yes
identification & maintenance function	
I&M0 - device-specific information	Yes
I&M1 – higher level designation/location designation	Yes
product functions / diagnostics	
product function	
port diagnostics	Yes
statistics Packet Size	Yes
statistics racket of the statistics packet type	Yes
error statistics	Yes
• SysLog	Yes
loopback diagnostics	Yes

product functions / VLAN	
product function	
VLAN - port based	Yes
VLAN - protocol-based	No
VLAN - IP-based	No
VLAN dynamic	No
number of VLANs / maximum	257
number of VLANs - dynamic / maximum	257
number of VLANs / at ring redundancy (HRP; MRP;	35
standby link)	
product functions / DHCP	
product function	
DHCP server	Yes
DHCP client	Yes
DHCP Option 82	Yes
DHCP Option 66	Yes
DHCP Option 67	Yes
product functions / redundancy	
product function	
<ul> <li>of the PROFINET IO device / is supported / PROFINET system redundancy</li> </ul>	Yes
• ring redundancy	Yes
High Speed Redundancy Protocol (HRP)	Yes
<ul> <li>high speed redundancy protocol (HRP) with redundancy manager</li> </ul>	Yes
<ul> <li>high speed redundancy protocol (HRP) with standby redundancy</li> </ul>	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul> <li>media redundancy protocol (MRP) with redundancy manager</li> </ul>	Yes
<ul> <li>Media Redundancy Protocol Interconnection (MRP-I)</li> </ul>	Yes
<ul> <li>of the PROFINET IO device / is supported / H-Sync forwarding</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
product functions / security	
product function	
RADIUS client	Yes
protocol / is supported	
• SSH	Yes
• SSL	Yes
product functions / time	
product function	
<ul> <li>SICLOCK support</li> </ul>	Yes
NTP-client	Yes
SNTP client	Yes
protocol / is supported	
• NTP	Yes
• SNTP	Yes
system modification during operation	
product function / configuration in RUN via CiR/H-CiR	Yes
standards, specifications, approvals	
standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1

• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
reference code	
<ul><li>according to IEC 81346-2</li></ul>	KF
<ul> <li>according to IEC 81346-2:2019</li> </ul>	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
certificate of suitability / RoHS conformity	Yes
standards, specifications, approvals / hazardous environn	nents
standard / for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• from CSA and UL	ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4
certificate of suitability	
CCC / for hazardous zone according to GB standard	Yes
standards, specifications, approvals / other	
certificate of suitability	
• C-Tick	Yes
KC approval	Yes
railway application in accordance with EN 50155	No
• railway application in accordance with EN 50124-1	No
standards, specifications, approvals / marine classification	1
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
French marine classification society (BV)	Yes
DNV GL	Yes
Korean Register of Shipping (KRS)	Yes
Polski Rejestr Statkow (PRS)	Yes
accessories	
product extension / optional / C-PLUG	Yes
	165
further information / internet-Links	
Internet-Link	
to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
to website: Industrial communication	http://www.siemens.com/simatic-net
to website: Industry Mall	https://mall.industry.siemens.com
<ul> <li>to website: Information and Download Center</li> </ul>	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx-Download-Manager	http://www.siemens.com/cax
to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)
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