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SCALANCE XF204 DNA managed IE Y-Switch, 2 Bus adapter BA 2xRJ45 HA,pre- assembled 6DL1193-6AR00-0AA0 4 x 10/100Mbit/s, 2 x Bus adapter interface, Error signaling contact with set button, redundant 24V DC power supply, PROFINET-Device, extended temperature range -40°C to +70°C, Conformal Coating, with electr.. manual on DVD, C-PLUG optional, Delivery with bus adapter

Product type designation	**SCALANCE XF204-2DNA**
Product options	XF-200 basic device with mounted BusAdapter
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces / for communication / Integrated	
Number of electrical connections	
• for network components or terminal equipment	4
Interfaces / other	
Number of electrical connections	
• for signaling contact	1
• for power supply	1
• for redundant voltage supply	1
Type of electrical connection	
• for signaling contact	2-pole terminal block
• for power supply	2-pole terminal block
design of the removable storage	
• C-PLUG	Yes

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Signal inputs/outputs

Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external / minimum	19.2 V
• external / maximum	28.8 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	2.5 A (cannot be changed by user)
Consumed current / maximum	0.36 A
Power loss [W]	
• at DC / at 24 V	8.6 W

Ambient conditions

Ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weights

Design	compact
Width	100 mm
Height	117 mm
Depth	74 mm
Net weight	0.25 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	No
• S7-300 rail mounting	No
• S7-1500 rail mounting	No

Product features, product functions, product components / general

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, engineering

Product function	
● CLI	Yes
● web-based management	Yes
● MIB support	Yes
● TRAPs via email	Yes
● Configuration with STEP 7	Yes
● Port mirroring	Yes
● multiport mirroring	Yes
● PROFINET IO diagnosis	Yes
PROFINET conformity class	B
Product function / switch-managed	Yes
Protocol / is supported	
● Telnet	Yes
● HTTP	Yes
● HTTPS	Yes
● TFTP	Yes
● FTP	No
● BOOTP	No
● DCP	Yes
● LLDP	Yes
● SNMP v1	Yes
● SNMP v2	Yes
● SNMP v3	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 packet type	Yes
● Error statistics	Yes

Product functions / DHCP

Product function	
● DHCP client	Yes

Product functions / redundancy

Product function	
● of the PROFINET IO device / is supported / PROFINET system redundancy (S2)	Yes
● Ring redundancy	Yes

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● High Speed Redundancy Protocol (HRP)	Yes
● high speed redundancy protocol (HRP) with redundancy manager	Yes
● high speed redundancy protocol (HRP) with standby redundancy	Yes
Protocol / is supported / Media Redundancy Protocol (MRP)	Yes
Product function	
● media redundancy protocol (MRP) with redundancy manager	Yes
● Media Redundancy Protocol for Planned Duplication (MRPD)	No
● of the PROFINET IO device / is supported / H-Sync forwarding	Yes
● Parallel Redundancy Protocol (PRP)/operation in the PRP-network	No
● Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)	No
● Passive listening	Yes

Product functions / Security

Protocol / is supported	
● SSH	Yes

Product functions / time

Product function	
● SICLOCK support	No
Protocol / is supported	
● NTP	No
● SNTP	Yes

Standards, specifications, approvals

Security for industrial automation and control systems / acc. to IEC 62443-4-2:2019	Yes

Security information

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