

product-type designation

SCALANCE X208PRO



SCALANCE X208PRO, MANAGED IE SWITCH,
8 X 10/100MBIT/S M12-PORTS, IP65,
LED DIAGNOSTICS, FAULT SIGNAL CONTACT,
REDUNDANT POWER SUPPLY,
PROFINET- IO DEVICE,
NETWORK MANAGEMENT,
OPERAT.IN RED. RING, INCL. DUST COVERS,
INCL. ELECTRON. MANUAL ON CD,
C-PLUG OPTIONAL

Transmission rate

Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s

Interfaces

Number of electrical connections	8
• [nicht versorgt - für Netzkomponenten und Endgeräte]	8
• for alarm contact	1
• [nicht versorgt - für Spannungsversorgung]	1
• [nicht versorgt - für redundante Spannungsversorgung]	1
Design of the electrical connection	
• [nicht versorgt - für Netzkomponenten und Endgeräte]	M12 port, 4-pin, D-coded
• [nicht versorgt - für Meldekontakt]	5 pin M12 socket (b-coded)
• [nicht versorgt - für Spannungsversorgung]	4-pin M12 interface (A-coded)
Version of the swap medium / C-Plug	Yes

Inputs/outputs

24 V
0.1 A

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
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Supply voltage / external	24 V
• minimum	18 V
• maximum	32 V
	Yes
	0.6 A / 60 V
Consumed current / [nicht versorgt - maximal]	0.185 A
Active power loss / at 24 V / for DC	4.4 W
Permitted ambient conditions	
Ambient temperature	
• during the operating phase	-20 °C ... 70 °C
• during storage	-40 °C ... 70 °C
• during transport	-40 °C ... 70 °C
Relative humidity / at 25 °C / without condensation / during the operating phase / maximum	95 %
Protection class IP	IP 65/67
Design, dimensions and weight	
Design	Compact
Width	90 mm
Height	125 mm
Depth	124 mm
net weight	1 kg
Type of fixing	
• 35 mm DIN rail mounting	Yes
• wall-mounting	Yes
• S7-300 rail mounting	Yes
Product properties, functions, components / general	
Cascading in the case of a redundant ring / at reconfiguration time of <1~0.3~s	50
Cascading in cases of star structuring	Any (depending only on signal propagation time)
Product functions / Configuration/management	
Product function	
• CLI	No
• web-based Management	Yes
• MIB support	Yes
• TRAPs via email	Yes
• Configuration with STEP 7	Yes
• SMTP server	Yes
• Port mirroring	Yes
• for IRT / PROFINET IO switch	No
• PROFINET IO diagnosis	No

• switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• [nicht versorgt - HTTP]	Yes
• [nicht versorgt - HTTPS]	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• DCP	No
• [nicht versorgt - LLDP]	No
Product functions / Diagnosis	
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	
• Ring redundancy	Yes
• Redundancy manager	No
• Standby redundancy	No
• HSR redundancy protocol	Yes
• MRP redundancy protocol	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	No
Standards, specifications, approvals	
Norm	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4 A, CL.1, Zone 2, GP. IIC, T4

• for Ex-zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1
• for hazardous area / of 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
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-4
• CE-mark	Yes
• C-Tick	Yes
Marine classification association/ Polski Rejestr Statkow (PRS)	
• [nicht versorgt - American Bureau of Shipping Europe Ltd. (ABS)]	Yes
• [nicht versorgt - Bureau Veritas (BV)]	Yes
• [nicht versorgt - Det Norske Veritas (DNV)]	Yes
• [nicht versorgt - Germanische Lloyd (GL)]	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
•	Yes
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