

Product type designation



SCALANCE X108

SCALANCE X108, UNMANAGED IE SWITCH, 8 X 10/100MBIT/S RJ45 PORTS, LED DIAGNOSTICS, FAULT SIGNAL. CONTACT WITH SET BUTTON, REDUNDANT VOLTAGE SUPPLY MANUAL AVAILABLE AS DOWNLOAD

Transmission rate

Transfer rate	10 Mbit/s, 100 Mbit/s
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Interfaces

Number of electrical/optical connections	8
<ul style="list-style-type: none"> for network components or terminal equipment / maximum 	
Number of electrical connections	8
<ul style="list-style-type: none"> for network components or terminal equipment 	
Type of electrical connection	RJ45 port
<ul style="list-style-type: none"> for network components or terminal equipment 	

Interfaces / for communication / integrated

Number of 100 Mbit/s SC ports	0
<ul style="list-style-type: none"> for multimode 	
Number of 1000 Mbit/s LC ports	0
<ul style="list-style-type: none"> for multimode 	
<ul style="list-style-type: none"> for single mode (LD) 	

Interfaces / others

Number of electrical connections	1
<ul style="list-style-type: none"> for signaling contact 	
<ul style="list-style-type: none"> for power supply 	
	1
	1
Type of electrical connection	2-pole terminal block
<ul style="list-style-type: none"> for signaling contact 	

- for power supply

4-pole terminal block

Signal-Inputs/outputs

Operating voltage / of the signaling contacts	
<ul style="list-style-type: none"> • for DC / Rated value 	24 V
Operating current / of the signaling contacts	
<ul style="list-style-type: none"> • for DC / maximum 	0.1 A

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> • external 	24 V
<ul style="list-style-type: none"> • external 	18 ... 32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.14 A
Active power loss	
<ul style="list-style-type: none"> • for DC / at 24 V 	3.36 W

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	-20 ... +70 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +80 °C
<ul style="list-style-type: none"> • during transport 	-40 ... +80 °C
Relative humidity	
<ul style="list-style-type: none"> • at 25 °C / without condensation / during operation / maximum 	95 %
Protection class IP	IP30

Design, dimensions and weight

Design	compact
Width	60 mm
Height	125 mm
Depth	124 mm
Net weight	0.78 kg
Mounting type	
<ul style="list-style-type: none"> • 35 mm DIN rail mounting 	Yes
<ul style="list-style-type: none"> • wall mounting 	Yes
<ul style="list-style-type: none"> • S7-300 rail mounting 	Yes
<ul style="list-style-type: none"> • S7-1500 rail mounting 	No

Product functions / management, configuration

Product function	
<ul style="list-style-type: none"> • multiport mirroring 	No
<ul style="list-style-type: none"> • switch-managed 	No

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> • for FM • for hazardous zone • for safety / from CSA and UL • for hazardous zone / from CSA and UL • for emitted interference • for interference immunity 	<p>FM3611: Class 1, Divison 2, Group A, B, C, D / T4A, Class 1, Zone 2, Group IIC, T4</p> <p>EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X</p> <p>UL 60950-1, CSA C22.2 No. 60950-1</p> <p>UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T.., Class 1 / Zone 2 / Group IIC / T..</p> <p>EN 61000-6-4 (Class A)</p> <p>EN 61000-6-2</p>
Certificate of suitability	EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • E1 approval • E1 approval • Railway application in accordance with EN 50155 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>No</p>
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) • Royal Institution of Naval Architects (RINA) 	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>
MTBF / at 40 °C	139.83 y

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

Security information

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