

Product-type designation

SFP993-1LH



SCALANCE X ACCESSORIES;
SFP993-1LH;
1 X 10000MBIT/S LC-PORT, OPTICAL;
SINGLEMODE GLASS UPTO MAX. XX M

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	1
Number of 10 Gbit/s LC ports (LX)	1
Design of optical connections / for network components or terminal devices	LC
Connectable optical power relative to 1 mW	
• of the transmitter output	0.5 dB
• of the receiver input / maximum	0.5 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-15 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	4.5 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 40 km

Permitted ambient conditions

Ambient temperature	
• during operating	0 ... 60 °C
• during storage	-40 +70 °C
• during transport	-40 +70 °C
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight	
Design	SFP Module
Width	13.7 mm
Height	11.9 mm
Depth	56.5 mm
Net weight	0.01 kg
Mounting type	Latched
Standards, specifications, approvals	
Standard	
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-10
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Verification of suitability	EN 61000-6-2, EN 61000-6-13
• CE mark	Yes
• C-Tick	Yes
• KC approval	No
Further Information / Internet Links	
Internet-Link	
• to website: Industry Mall	http://www.siemens.com/industrial-controls/mall
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
letzte Änderung:	Jul 25, 2014