

product type designation

SFP993-1

SCALANCE X accessory; Plug-in transceiver SFP993-1; 1x 10000 Mbit/s LC port, optical; multimode optical up to max. 300 m



interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	1
number of optical interfaces / for network components or terminal equipment / maximum	1
number of 10 Gbit/s LC ports (SX)	1
design of the optical interface / for network components or terminal equipment	LC
wavelength / of the optical interface	850 nm; Multi-mode
connectable optical power relative to 1 mW	
<ul style="list-style-type: none"> of the transmitter output / minimum of the transmitter output / maximum of the receiver input / maximum 	-5 dB -1 dB -1 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-11 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 0.3 km
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	0 ... 60 °C -40 ... +85 °C -40 ... +85 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	SFP Module
width	14 mm
height	9 mm
depth	57 mm
net weight	0.01 kg
fastening method	latched
standards, specifications, approvals	
standard	
<ul style="list-style-type: none"> for safety / from CSA and UL for emitted interference 	UL 60950-1, CSA C22.2 No. 60950-8 EN 61000-6-4 (Class A)

<ul style="list-style-type: none"> • for interference immunity 	EN 61000-6-2
certificate of suitability <ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • E1 approval 	EN 61000-6-2:2005, EN 61000-6-4:2007 Yes Yes No No
Marine classification association <ul style="list-style-type: none"> • French marine classification society (BV) 	Yes
MTBF	1100 y

further information / internet-Links

Internet-Link <ul style="list-style-type: none"> • 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 	http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com
---	--

last modified: 12/15/2020 