

### product type designation

product description



### STP991-1LD

Pluggable for SCALANCE XM408-4C, 1 x 100 Mbit/s ST/BFOC port, singlemode glass up to 26 km

SCALANCE X accessory STP 991-1LD; Pluggable for SCALANCE XM-400; 1x 100 Mbit/s ST/BFOC port, optical; single-mode optical up to max. 26 km

suitability for operation

SCALANCE XM-408-4C

### 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 100 Mbit/s ST(BFOC) ports / for multimode / integrated	1
design of the optical interface / for network components or terminal equipment	ST/BFOC
wavelength / of the optical interface	1310 nm; Single-mode
connectable optical power relative to 1 mW	
<ul style="list-style-type: none"> <li>of the transmitter output / minimum</li> <li>of the transmitter output / maximum</li> <li>of the receiver input / maximum</li> </ul>	-15 dB -8 dB -3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-34 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 26 km

### ambient conditions

ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> <li>note</li> </ul>	-40 ... +85 °C -40 ... +85 °C -40 ... +85 °C A maximum operating temperature of +85 °C is permissible for a duration of 16 hours
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20

### design, dimensions and weights

design	Plug-in transceiver
width	25.4 mm
height	10.2 mm
depth	56.5 mm
net weight	0.06 kg

fastening method	latched, only with SCALANCE XM408-4C
<b>standards, specifications, approvals</b>	
standard	
<ul style="list-style-type: none"> <li>• for emitted interference</li> <li>• for interference immunity</li> </ul>	EN 61000-6-4 (Class A) EN 61000-6-2
certificate of suitability	EN 61000-6-2, EN 61000-6-4
<ul style="list-style-type: none"> <li>• CE marking</li> <li>• C-Tick</li> <li>• KC approval</li> <li>• CCC / for hazardous zone according to GB standard</li> </ul>	Yes Yes No Yes
<b>further information / internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> <li>• to website: Industrial communication</li> <li>• to website: Industry Mall</li> <li>• to website: Information and Download Center</li> <li>• to website: Image database</li> <li>• to website: CAx-Download-Manager</li> <li>• to website: Industry Online Support</li> </ul>	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a> <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a> <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a> <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a> <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a> <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a> <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>last modified:</b>	6/25/2021 