

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"> • of the transmitter output / minimum • of the transmitter output / maximum • of the receiver input / maximum 	<p>-15 dB</p> <p>-8 dB</p> <p>-3 dB</p>
Optical sensitivity relating to 1 mW / of the receiver input / minimum	-34 dB

Damping ratio / 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"> during operation during storage during transport Note 	<p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> <p>-40 ... +85 °C</p> <p>A maximum operating temperature of +85 °C is permissible for a duration of 16 hours</p>
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
Mounting type	latched, only with SCALANCE XM408-4C

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> for emitted interference for interference immunity 	<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 	<p>Yes</p> <p>Yes</p> <p>No</p>

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/industry/infocenter</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>

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