

product type designation

product description



STP991-1

Pluggable for SCALANCE XM408-4C, 1 x 100 Mbit/s ST/BFOC port, multimode glass up to 5 km

SCALANCE X accessory STP 991-1; Pluggable for SCALANCE XM-400; 1x 100 Mbit/s ST/BFOC port, optical; multimode optical up to max. 5 km.

suitability for operation

SCALANCE XM408-4C

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	1300 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 	-24 dB -14 dB -12 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-31 dB
attenuation factor / of the FOC transmission link / minimum necessary	0 dB
range / at the optical interface / depending on the optical fiber used	0 ... 5 km

ambient conditions

ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport note 	-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

standards, specifications, approvals

standard

<ul style="list-style-type: none"> • for emitted interference • for interference immunity 	EN 61000-6-4 (Class A) EN 61000-6-2
certificate of suitability <ul style="list-style-type: none"> • CE marking • C-Tick • KC approval • CCC / for hazardous zone according to GB standard • CCC / for hazardous zone according to GB standard / as marking 	EN 61000-6-2, EN 61000-6-4 Yes Yes No Yes Ex nA IIC T4 Gc

further information / internet links

internet link <ul style="list-style-type: none"> • to web page: selection aid TIA 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 	http://www.siemens.com/tia-selection-tool 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
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