SIEMENS

Data sheet

6GK5991-1AC00-8AA0

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.

Interfaces number of electrical/optical connections / for network components or terminal equipment / maximum number of 100 Mbits ST(BFOC) ports / for multimode / integrated design of the optical interface / for network components or terminal equipment / maximum number of 100 Mbits ST(BFOC) ports / for multimode / integrated design of the optical interface / for network components or terminal equipment avaelength / of the optical interface connectable optical power relative to 1 mW of the transmitter output / minimum of the transmitter output / maximum of the receiver input / maximum of the receiver input / maximum attenuation factor / of the FOC transmission link / minimum attenuation factor / of the FOC transmission link / minimum attenuation factor / of the FOC transmission link / minimum attenuation factor / of the proceiver / depending on the optical fiber used during operation during storage during storage during storage during storage during transport note note Pug-in transceiver width 25.4 mm protection class IP plug-in transceiver width 25.4 mm leight fastening method fastening method standards, specifications, approvals	suitability for operation	SCALANCE XM-408-4C
components or terminal equipment / maximum number of optical interfaces / for network components or terminal equipment / maximum number of 100 Mbit/s ST(BFOC) ports / for multimode / integrated friegrated frie	interfaces	
terminal equipment / maximum number of 100 Mbit/s ST(BFOC) ports / for multimode / integrated design of the optical interface / for network components or terminal equipment wavelength / of the optical interface 2 1310 nm; Single-mode connectable optical power relative to 1 mW of the transmitter output / minimum of the transmitter output / maximum of the receiver input / maximum of the receiver input / maximum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature during operation during storage during storage during storage during storage during transport note note relative humidity / at 25 °C / without condensation / during operation / maximum portection class IP protection class IP plug-in transceiver width height leght for a during scalar output ransceiver width height for a maximum operating temperature of +85 °C is permissible for a duration of 16 hours Plug-in transceiver width height for a maximum note tweight fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals		1
integrated design of the optical interface / for network components or terminal equipment wavelength / of the optical interface connectable optical power relative to 1 mW of the transmitter output / minimum of the transmitter output / maximum of the transmitter output / maximum of the receiver input / maximum of the receiver input / maximum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used during operation during operation during storage during transport on total on total on total on the transmitter output / maximum ambient conditions ambient conditions ambient temperature during operation during storage during transport on total on total on the transmission during operation / maximum protection class IP design, dimensions and weights design width 25 % mm height depth net weight fastening method standards, specifications, approvals		1
terminal equipment wavelength / of the optical interface connectable optical power relative to 1 mW • of the transmitter output / minimum • of the transmitter output / maximum • of the transmitter output / maximum • of the receiver input / maximum optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used during operation • during operation • during storage • during storage • during transport • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP resign, dimensions and weights design Plug-in transceiver width 25.4 mm height 10.2 mm depth fastening method standards, specifications, approvals		1
connectable optical power relative to 1 mW of the transmitter output / minimum of the transmitter output / maximum of the receiver input / maximum of the receiver input / maximum optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature oduring operation oduring stransport oduring transport onote Ad +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 protection class IP design Plug-in transceiver width 25.4 mm height 10.2 mm depth 56.5 mm net weight 30.06 kg latched, only with SCALANCE XM408-4C standards, specifications, approvals		ST/BFOC
of the transmitter output / maximum of the transmitter output / maximum of the receiver input / maximum optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient conditions ambient temperature of utring operation of utring operation of utring transport onte A maximum operating temperature of +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 protection class IP design, dimensions and weights design Plug-in transceiver width 10.2 mm height 10.06 kg fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	wavelength / of the optical interface	1310 nm; Single-mode
of the transmitter output / maximum of the receiver input / maximum optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature ouring operation during storage during transport onte note inote relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP independent of the protection lass IP	connectable optical power relative to 1 mW	
of the receiver input / maximum optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature ouring operation ouring storage during transport note note note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design width	 of the transmitter output / minimum 	-15 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature • during operation • during storage • during transport • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width 10.2 mm depth 10.2 mm depth 10.06 kg fastening method standards, specifications, approvals	• of the transmitter output / maximum	-8 dB
minimum attenuation factor / of the FOC transmission link / minimum necessary range / at the optical interface / depending on the optical fiber used ambient conditions ambient emperature • during operation • during storage • during transport • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width 25.4 mm height 10.2 mm depth net weight net weight 10.06 kg fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	of the receiver input / maximum	-8 dB
range / at the optical interface / depending on the optical fiber used ambient conditions ambient temperature • during operation • during storage • during transport • note • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width height height 10.2 mm depth net weight fastening method standards, specifications, approvals		-28 dB
ambient conditions ambient temperature • during operation • during storage • during transport • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width height depth height depth net weight fastening method standards, specifications, approvals		0 dB
ambient temperature • during operation • during storage • during transport • note • note relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width height height 10.2 mm depth net weight fastening method standards, specifications, approvals		0 26 km
 during operation during storage during transport note 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 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 	ambient conditions	
 during storage during transport note 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 protection class IP design, dimensions and weights design Plug-in transceiver width 25.4 mm height depth 56.5 mm net weight 0.06 kg fastening method standards, specifications, approvals 	ambient temperature	
 ◆ during transport ← 10 +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 protection class IP design, dimensions and weights design Plug-in transceiver width 25.4 mm height height depth 56.5 mm net weight fastening method standards, specifications, approvals 	 during operation 	-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 protection class IP IP20 design, dimensions and weights design Plug-in transceiver width 25.4 mm height 10.2 mm depth net weight fastening method standards, specifications, approvals	during storage	-40 +85 °C
relative humidity / at 25 °C / without condensation / during operation / maximum protection class IP design, dimensions and weights design Plug-in transceiver width 25.4 mm height 10.2 mm depth 56.5 mm net weight fastening method standards, specifications, approvals	 during transport 	-40 +85 °C
operation / maximum protection class IP 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 standards, specifications, approvals	• note	
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 standards, specifications, approvals		95 %
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	protection class IP	IP20
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	design, dimensions and weights	
height 10.2 mm depth 56.5 mm net weight 0.06 kg fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	design	Plug-in transceiver
depth 56.5 mm net weight 0.06 kg fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	width	25.4 mm
net weight 0.06 kg fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	height	10.2 mm
fastening method latched, only with SCALANCE XM408-4C standards, specifications, approvals	depth	56.5 mm
standards, specifications, approvals	net weight	0.06 kg
	fastening method	latched, only with SCALANCE XM408-4C
standard	standards, specifications, approvals	
	standard	

EN 61000-6-4 (Class A)
EN 61000-6-2
EN 61000-6-2, EN 61000-6-4
Yes
Yes
No
Yes
Ex nA IIC T4 Gc
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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