SIEMENS

Data sheet 6GK5491-2AC00-8AA2

product type designation	**MM491-2LD**
	- - spare part - - SCALANCE X-400 accessories, media module MM491-2LD, 2x 100 Mbps single-mode BFOC, hot swappable, labeling field.
product brand name	SCALANCE
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of optical interfaces / for network components or terminal equipment / maximum	2
number of 100 Mbit/s ST(BFOC) ports / for multimode / integrated	2
design of the optical interface / for network components or terminal equipment	ST/BFOC
connectable optical power relative to 1 mW	
● of the transmitter output / minimum	-15 dB
● of the transmitter output / maximum	-8 dB
● of the receiver input / maximum	-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	
● during operation	-40 ... +70 °C
● during storage	-40 ... +80 °C
● during transport	-40 ... +80 °C
relative humidity / at 25 °C / without condensation / during operation / maximum	95 %
protection class IP	IP20
design, dimensions and weights	
design	Media module
width	35 mm
height	145 mm
depth	90 mm
net weight	0.26 kg
fastening method	latched
● installation in media module slot	Yes
standards, specifications, approvals	
standard	
● for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
● for hazardous zone	EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X
● for safety / from CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1-03
● for hazardous zone / from CSA and UL	UL 1604 and UL 2279-15 (Hazardous Location), Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
● for emitted interference	EN 61000-6-4:2001 (Class A)
● for interference immunity	EN 61000-6-2:2001
certificate of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
● CE marking	Yes
● C-Tick	Yes
● KC approval	Yes

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Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	Yes
● French marine classification society (BV)	Yes
● Det Norske Veritas (DNV)	Yes
● Germanische Lloyd (GL)	Yes
● Lloyds Register of Shipping (LRS)	Yes
● Nippon Kaiji Kyokai (NK)	Yes
● Polski Rejestr Statkow (PRS)	Yes
MTBF	141 a

further information / internet links

internet link	
● to web page: selection aid TIA Selection Tool	https://www.plcbin.com/?s=6GK5491-2AC00-8AA2
● to website: Industrial communication	https://www.plcbin.com/?s=6GK5491-2AC00-8AA2
● to website: Image database	https://www.plcbin.com/?s=6GK5491-2AC00-8AA2
● to website: CAx-Download-Manager	https://www.plcbin.com/?s=6GK5491-2AC00-8AA2
● to website: Industry Online Support	https://www.plcbin.com/?s=6GK5491-2AC00-8AA2

Approvals / Certificates

General Product Approval

China RoHS | Manufacturer Declaration

General Product Approval | EMV | For use in hazardous locations

Miscellaneous | China RoHS

For use in hazardous locations | Test Certificates | Maritime application

FM | Type Test Certificates/Test Report

Maritime application

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