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Data sheet 6GK5492-2AQ00-8AA2

product type designation	**MM492-2ELH**
	- - spare part - - SCALANCE X-400 accessories, media module MM492-2ELH, 2x 1 Gbps single-mode SC, 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 1000 Mbit/s SC ports (LX)	2
design of the optical interface / for network components or terminal equipment	SC
connectable optical power relative to 1 mW	
● of the transmitter output / minimum	0 dB
● of the transmitter output / maximum	5 dB
● of the receiver input / maximum	-3 dB
optical sensitivity relating to 1 mW / of the receiver input / minimum	-30 dB
attenuation factor / of the FOC transmission link / minimum necessary	8 dB
range / at the optical interface / depending on the optical fiber used	37 ... 120 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	0.25 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
● KC approval	Yes
Marine classification association	
● American Bureau of Shipping Europe Ltd. (ABS)	Yes
● French marine classification society (BV)	Yes

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● 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	489 a

further information / internet links

internet link	
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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 | **Maritime application**

FM

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