

Product-type designation

MM491-2



SCALANCE X-400 ACCESSORIES,
 MEDIA MODULE MM491-2,
 2 X 100 MBIT/S MULTIMODE BFOC,
 HOT SWAPABLE, INSCRIPTION FIELD

Interfaces

Number of electrical/optical connections / for network components or terminal equipment / maximum	2
Number of optical connections / for network components or terminal equipment / maximum	2
Number of 100 Mbit/s ST(BFOC) ports	2
Design of optical connections / for network components or terminal devices	BFOC
Connectable optical power relative to 1 mW	
• of the transmitter output	-19 ... -14 dB
• of the receiver input / maximum	-3 dB
Optical sensitivity relative to 1 mW / of the receiver input / minimum	-32 dB
Attenuation / of fiber-optic cable transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 5 km

Permitted ambient conditions

Ambient temperature	
• during operating	-40 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C

Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight

Design	Media module
Width	35 mm
Height	145 mm
Depth	90 mm
Net weight	0.26 kg
Mounting type	
<ul style="list-style-type: none"> • Installation in media module slot 	Yes
Mounting type	Latched

Standards, specifications, approvals

Standard	
<ul style="list-style-type: none"> • for EMC / from FM 	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
<ul style="list-style-type: none"> • for hazardous zone 	EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X
<ul style="list-style-type: none"> • for safety / of CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1-03
<ul style="list-style-type: none"> • for hazardous area / of 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
<ul style="list-style-type: none"> • for emitted interference 	EN 61000-6-4:2001 (Class A)
<ul style="list-style-type: none"> • for interference immunity 	EN 61000-6-2:2001
Verification of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
<ul style="list-style-type: none"> • CE mark 	Yes
<ul style="list-style-type: none"> • C-Tick 	Yes
<ul style="list-style-type: none"> • KC approval 	Yes
Marine classification association	
<ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) 	Yes
<ul style="list-style-type: none"> • Bureau Veritas (BV) 	Yes
<ul style="list-style-type: none"> • Det Norske Veritas (DNV) 	Yes
<ul style="list-style-type: none"> • Germanische Lloyd (GL) 	Yes
<ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) 	Yes
<ul style="list-style-type: none"> • Nippon Kaiji Kyokai (NK) 	Yes

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> • to website: Industry Mall 	http://www.siemens.com/industrial-controls/mall
<ul style="list-style-type: none"> • to website: Selector SIMATIC NET SELECTION TOOL 	http://www.siemens.com/snst
<ul style="list-style-type: none"> • to website: Industrial communication 	http://www.siemens.com/simatic-net
<ul style="list-style-type: none"> • to website: Information and Download Center 	http://www.siemens.com/automation/net/catalog
<ul style="list-style-type: none"> • to website: Image database 	http://automation.siemens.com/bilddb

- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/cax>

<http://support.automation.siemens.com>

letzte Änderung:

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