

**Product-type designation**

**EM496-4**



SCALANCE X-400 ACCESSORIES,  
EXTENDER MODULE EM496-4,  
4 X MEDIA MODULE SLOTS 100 MBIT/S,  
WITH PROT. COVERS CV490

**Transmission rate**

Transfer rate / 1 100 Mbit/s

**Interfaces**

Number of electrical/optical connections / for network components or terminal equipment / maximum	8
Number of electrical connections	4
<ul style="list-style-type: none"> <li>• for media module</li> </ul>	
Design of optical interface / for optical waveguide	
<ul style="list-style-type: none"> <li>• at 100 Mbit/s</li> <li>• at 1000 Mbit/s</li> </ul>	<p>Dependent on selected media modules</p> <p>Dependent on selected media modules</p>

**Permitted ambient conditions**

Ambient temperature	
<ul style="list-style-type: none"> <li>• during operating</li> <li>• during storage</li> <li>• during transport</li> </ul>	<p>-40 ... +70 °C</p> <p>-40 ... +80 °C</p> <p>-40 ... +80 °C</p>
Relative humidity / at 25 °C / without condensation / during operating / maximum	95 %
Protection class IP	IP20

**Design, dimensions and weight**

Design Extender module

Width	112.4 mm
Height	154 mm
Depth	145 mm
Net weight	0.98 kg
Type of mounting	
• Installation in media module slot	Yes

### Standards, specifications, approvals

Standard	
• for EMC / from FM	FM3611: Class 1, Division 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
• for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA IIT4, KEMA 07 ATEX 0145 X
• for safety / of CSA and UL	UL 60950-1, CSA C22.2 No. 60950-1-03
• 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
• for emitted interference	EN 61000-6-4:2001 (Class A)
• for interference immunity	EN 61000-6-2:2001
Verification of suitability	EN 61000-6-2:2001, EN 61000-6-4:2001
• CE mark	Yes
• C-Tick	Yes
• KC approval	Yes
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	Yes
• Bureau Veritas (BV)	Yes
• Det Norske Veritas (DNV)	Yes
• Germanische Lloyd (GL)	Yes
• Lloyds Register of Shipping (LRS)	Yes
• Nippon Kaiji Kyokai (NK)	Yes
<b>letzte Änderung:</b>	Mar 4, 2013