



SIMATIC BusAdapter BA 2xLC-LD 2x LC-LD port, for single-mode fiber-optic cable, up to 20 km

General information																																					
Product type designation	BA 2x LC-LD																																				
Interfaces																																					
Number of PROFINET interfaces	1; 2 ports (switch) 2x LC-LD single-mode fiber-optic cable																																				
Supports protocol for PROFINET IO																																					
<ul style="list-style-type: none"> <li>Number of LC ports</li> </ul>	2; wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-LX																																				
Cable length																																					
<ul style="list-style-type: none"> <li>single-mode fiber-optic cable 9/125 μm</li> </ul>	20 km; 10 km for topology or IRT configuration; min. transmit power -15 dB, min. receiver sensitivity -28 dB																																				
Ambient conditions																																					
Ambient temperature during operation																																					
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-30 °C 60 °C -30 °C 50 °C																																				
Altitude during operation relating to sea level																																					
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	5 000 m; restrictions for installation altitudes > 2 000 m, see ET 200SP system manual																																				
Dimensions																																					
Width	20 mm																																				
Height	69.5 mm																																				
Depth	59 mm																																				
Weights																																					
Weight, approx.	40 g																																				
Classifications																																					
	<table border="1"> <thead> <tr> <th></th> <th>Version</th> <th>Classification</th> </tr> </thead> <tbody> <tr> <td>eClass</td> <td>14</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>12</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>9.1</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>9</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>8</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>7.1</td> <td>27-24-26-92</td> </tr> <tr> <td>eClass</td> <td>6</td> <td>27-24-26-92</td> </tr> <tr> <td>ETIM</td> <td>10</td> <td>EC002584</td> </tr> <tr> <td>ETIM</td> <td>9</td> <td>EC002584</td> </tr> <tr> <td>ETIM</td> <td>8</td> <td>EC002584</td> </tr> <tr> <td>ETIM</td> <td>7</td> <td>EC002584</td> </tr> </tbody> </table>		Version	Classification	eClass	14	27-24-26-92	eClass	12	27-24-26-92	eClass	9.1	27-24-26-92	eClass	9	27-24-26-92	eClass	8	27-24-26-92	eClass	7.1	27-24-26-92	eClass	6	27-24-26-92	ETIM	10	EC002584	ETIM	9	EC002584	ETIM	8	EC002584	ETIM	7	EC002584
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### Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



[KC](#)



For use in hazardous locations



[CCC-Ex](#)

[FM](#)



[Miscellaneous](#)

Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment



[CCS \(China Classification Society\)](#)



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