



SIMATIC bus adapter: BA LC/FC, media converter glass FOC/CU 1x LC FO connection and, 1x FastConnect (FC) connection

General information		
Product type designation	BA LC/FC	
HW functional status	from FS04	
Interfaces		
Number of PROFINET interfaces	1; 2 ports (switch) LC / FC	
Supports protocol for PROFINET IO		
<ul style="list-style-type: none"> <li>Number of FC (FastConnect) connections</li> </ul>	1	
<ul style="list-style-type: none"> <li>Number of LC ports</li> </ul>	1; Wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-FX	
Cable length		
<ul style="list-style-type: none"> <li>Cu conductors</li> </ul>	100 m	
<ul style="list-style-type: none"> <li>Multimode graded-index fiber 50/125 μm</li> </ul>	3 km; min. transmit power -23.5 dB, min. receiver sensitivity -31 dB	
<ul style="list-style-type: none"> <li>Multimode graded-index fiber 62.5/125 μm</li> </ul>	3 km; min. transmit power -20 dB, min. receiver sensitivity -31 dB	
Ambient conditions		
Ambient temperature during operation		
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> </ul>	-30 °C	
<ul style="list-style-type: none"> <li>horizontal installation, max.</li> </ul>	60 °C	
<ul style="list-style-type: none"> <li>vertical installation, min.</li> </ul>	-30 °C	
<ul style="list-style-type: none"> <li>vertical installation, max.</li> </ul>	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.	50 g	
Classifications		
	<b>Version</b>	<b>Classification</b>
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
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



[KC](#)



For use in hazardous locations



[EM](#)

[CCC-Ex](#)



[Miscellaneous](#)

For use in hazardous locations

Maritime application

[Type Examination Certificate](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application

Environment



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



last modified:

4/7/2025

ماکان کنترول