



SIMATIC bus adapter BA 2xLC, 2x LC glass FOC connections

General information	
Product type designation	BA 2x LC
HW functional status	from FS04
Interfaces	
Number of PROFINET interfaces	1; 2 ports (switch) LC Multimode Glass Fibre
Supports protocol for PROFINET IO	
• Number of LC ports	2; Wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-FX
Cable length	
— Multimode graded-index fiber 50/125 µm	3 km; min. transmit power -23.5 dB, min. receiver sensitivity -31 dB
— Multimode graded-index fiber 62.5/125 µm	3 km; min. transmit power -20 dB, min. receiver sensitivity -31 dB
Ambient conditions	
Ambient temperature during operation	
• horizontal installation, min.	-30 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C
• vertical installation, max.	50 °C
Altitude during operation relating to sea level	
• Installation altitude above sea level, max.	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	

	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	9	EC002584
ETIM	8	EC002584
ETIM	7	EC002584
IDEA	4	3552

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 \(China Classification Society\)](#)

last modified:

4/7/2025 