



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	
Standards, approvals, certificates			
Ecological footprint			
● environmental product declaration		Yes	
Global warming potential			
— global warming potential, (total) [CO2 eq]		27.1 kg	
— global warming potential, (during production) [CO2 eq]		1.35 kg	
— global warming potential, (during operation) [CO2 eq]		25.7 kg	
— global warming potential, (after end of life cycle) [CO2 eq]		-0.023 kg	
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			
		eClass	Version 16 Classification 27-24-26-92

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](#)



General Product Approval

For use in hazardous locations



[FM](#)

[CCC-Ex](#)

For use in hazardous locations

Maritime application



[Type Examination Certificate](#)



[Miscellaneous](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment

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

[KR \(Korean Register of Shipping\)](#)



last modified:

9/19/2025