



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				
		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
IDEA	4	3552
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



[KC](#)



For use in hazardous locations



[CCC-Ex](#)

[FM](#)



[Miscellaneous](#)

For use in hazardous locations

Maritime application

[Type Examination Certificate](#)



[NK / Nippon Kaiji Kyokai](#)

Maritime application

Environment



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



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