



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			
● Number of LC ports		2; wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-LX	
Cable length			
— single-mode fiber-optic cable 9/125 μm		20 km; 10 km for topology or IRT configuration; min. transmit power -15 dB, min. receiver sensitivity -28 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	16	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

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



General Product Approval



[CCC-Ex](#)

[FM](#)

For use in hazardous locations



[Miscellaneous](#)

[Type Examination Certificate](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

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



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