



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			
<ul style="list-style-type: none"> Number of LC ports 	2; wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-LX		
Cable length			
<ul style="list-style-type: none"> 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			
<ul style="list-style-type: none"> environmental product declaration 	Yes		
Global warming potential			
<ul style="list-style-type: none"> global warming potential, (total) [CO2 eq] 	27.1 kg		
<ul style="list-style-type: none"> global warming potential, (during production) [CO2 eq] 	1.35 kg		
<ul style="list-style-type: none"> global warming potential, (during operation) [CO2 eq] 	25.7 kg		
<ul style="list-style-type: none"> global warming potential, (after end of life cycle) [CO2 eq] 	-0.023 kg		
Ambient conditions			
Ambient temperature during operation			
<ul style="list-style-type: none"> horizontal installation, min. 	-30 °C		
<ul style="list-style-type: none"> horizontal installation, max. 	60 °C		
<ul style="list-style-type: none"> vertical installation, min. 	-30 °C		
<ul style="list-style-type: none"> vertical installation, max. 	50 °C		
Altitude during operation relating to sea level			
<ul style="list-style-type: none"> 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

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



General Product Approval

For use in hazardous locations



[CCC-Ex](#)

[FM](#)

For use in hazardous locations

Maritime application



[Miscellaneous](#)

[Type Examination Certificate](#)

[CCC-Ex](#)



Maritime application



[NK / Nippon Kaiji Kyokai](#)



Maritime application

Environment

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



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