



SIMATIC bus adapter: BA LC/RJ45, media converter glass FOC/CU 1x LC FO connection and 1x RJ45 connection

General information			
Product type designation		BA LC/RJ45	
HW functional status		from FS04	
Interfaces			
Number of PROFINET interfaces		1; 2 ports (switch) LC / RJ45	
Supports protocol for PROFINET IO			
• Number of RJ45 ports		1	
• Number of LC ports		1; Wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-FX	
Cable length			
— Cu conductors		100 m	
— 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.		32 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
UNSPSC	15	32-15-17-03

Approvals / Certificates

General Product Approval



[Manufacturer Declaration](#)



[KC](#)



For use in hazardous locations



[CCC-Ex](#)

[FM](#)



[Miscellaneous](#)

Marine / Shipping



[NK / Nippon Kaiji Kyokai](#)



Marine / Shipping

Environment



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



last modified:

4/7/2025