SIEMENS

Data sheet   **6ES7193-6AG40-0AA0**

SIMATIC bus adapter: BA LC/FC, media converter glass FOC/CU 1x LC FO connection and, 1x FastConnect (FC) connection

General information	
Product type designation	BA LC/FC
HW functional status	from FS04

Interfaces	
Number of PROFINET interfaces	1; 2 ports (switch) LC / FC
Supports protocol for PROFINET IO	
● Number of FC (FastConnect) connections	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

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.	50 g

Classifications		
	Version	**Classification**

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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

CE EG-Konf.	UK CA	Manufacturer Declaration	UL	KC	RCM

For use in hazardous locations

UL	FM	CCC-Ex	ATEX	IECEx	Miscellaneous

For use in hazardous locations	Maritime application				
Type Examination Certificate	ABS	BUREAU VERITAS	DNV	Lloyd's Register LRS	NK / Nippon Kaiji Kyokai

Maritime application				Environment
RINA	RMRS	CCS (China Classification Society)	KR KOREAN REGISTER	EPD

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