

## 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	
<ul style="list-style-type: none"> <li>Number of FC (FastConnect) connections</li> <li>Number of LC ports</li> </ul>	1 1; Wavelength of 1 270 ... 1 380 nm, corresponds to 100BASE-FX
Cable length	
<ul style="list-style-type: none"> <li>Cu conductors</li> <li>Multimode graded-index fiber 50/125 µm</li> <li>Multimode graded-index fiber 62.5/125 µm</li> </ul>	100 m 3 km; min. transmit power -23.5 dB, min. receiver sensitivity -31 dB 3 km; min. transmit power -20 dB, min. receiver sensitivity -31 dB
Standards, approvals, certificates	
Ecological footprint	
<ul style="list-style-type: none"> <li>environmental product declaration</li> </ul>	Yes
Global warming potential	
<ul style="list-style-type: none"> <li>global warming potential, (total) [CO2 eq]</li> <li>global warming potential, (during production) [CO2 eq]</li> <li>global warming potential, (during operation) [CO2 eq]</li> <li>global warming potential, (after end of life cycle) [CO2 eq]</li> </ul>	27.1 kg 1.35 kg 25.7 kg -0.023 kg
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-30 °C 60 °C -30 °C 50 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	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
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](#)



General Product Approval

For use in hazardous locations



[FM](#)

[CCC-Ex](#)



For use in hazardous locations

Maritime application

[Miscellaneous](#)

[Type Examination Certificate](#)



Maritime application

Environment

[NK / Nippon Kaiji Kyokai](#)



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

[KR \(Korean Register of Shipping\)](#)



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