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Data sheet 6ES7193-6AG20-0AA0



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		
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.	32 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





Manufacturer Declaration



KC



For use in hazardous locations



CCC-Ex

FM





Miscellaneous

For use in hazardous locations

Maritime application

Type Examination Certificate









NK / Nippon Kaiji Kyokai

Maritime application

Environment





CCS (China Classification Society)





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