SIEMENS

Data sheet 6ES7193-6AP20-0AA0



SIMATIC ET 200SP, BusAdapter BA SCRJ/RJ45, media converter FOC-CU 1x SCRJ FO connection and, 1x RJ45 connection

General information	
Product type designation	BA SCRJ/RJ45
HW functional status	from FS04
Interfaces	
Number of PROFINET interfaces	1; 2 ports (switch) SCRJ/RJ45
Supports protocol for PROFINET IO	
● Number of RJ45 ports	1
● Number of SCRJ ports	1
Cable length	
— PCF	100 m
— Plastic FOC (POF)	50 m
— Cu conductors	100 m
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.	-25 °C
● horizontal installation, max.	60 °C
● vertical installation, min.	-25 °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
Absolute humidity	
● dew point, min.	-60 °C; suitable for dry room applications
Dimensions	
Width	20 mm
Height	69.5 mm
Depth	59 mm
Weights	
Weight, approx.	50 g

© Copyright Siemes

Classifications

	Version	Classification
eClass	16	27-24-26-92
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

Type Examination Certificate

Miscellaneous

CCC-Ex

Maritime application

Maritime application

NK / Nippon Kaiji Kyokai

Maritime application

CCS (China Classification Society)

KR (Korean Register of Shipping)

Environment

last modified: 2/1/2026

© Copyright Siemens