SIEMENS

Data sheet 6ES7193-6BP20-0BF0

Siemens EcoTech

SIMATIC ET 200SP, BaseUnit BU20-P8+A4+0B, BU type F0, Push-in terminals, with 4 AUX terminals, bridged to the left, WxH: 20 mmx117 mm



General information	
Product type designation	BU type F0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
Rated value (AC)	See manual
Mains filter	
● integrated	No
Current carrying capacity	
up to 60 °C, max.	10 A
For P1 and P2 bus, max.	10 A
For AUX bus, max.	10 A
For process terminals, max.	5 A
Hardware configuration	
Automatic encoding	Yes
Slots	
● Number of slots	1; Type F0
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes
between power bus and supply voltage	Yes
Isolation	
Isolation tested with	3 100 V DC
Standards, approvals, certificates	
Ecological footprint	
● environmental product declaration	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	0.873 kg
— global warming potential, (during production) [CO2 eq]	0.866 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0011 kg
Ambient conditions	
Ambient temperature during operation	

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● 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.	2 000 m; On request: Installation altitudes greater than 2 000 m
Absolute humidity	
● dew point, min.	-60 °C; suitable for dry room applications
Connection method	
Terminals	
● system-integrated shield connection	Yes; Optional
Dimensions	
Width	20 mm
Height	117 mm
Depth	35 mm
Weights	
Weight, approx.	48 g

Classifications

	Version	Classification
eClass	16	27-24-26-03
eClass	14	27-24-26-03
eClass	12	27-24-26-03
eClass	9.1	27-24-26-03
eClass	9	27-24-26-03
eClass	8	27-24-26-03
eClass	7.1	27-24-26-03
eClass	6	27-24-26-03
ETIM	10	EC001598
ETIM	9	EC001598
ETIM	8	EC001598
ETIM	7	EC001598
IDEA	4	3560
UNSPSC	15	32-15-17-04

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**

Type Examination Certificate | Miscellaneous | CCC-Ex

Maritime application

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Maritime application		Environment
CCS (China Classification Society)	KR (Korean Register of Shipping)	

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