

Siemens
EcoTech



SIMATIC ET 200SP, BaseUnit BU20-P12+A4+0B, BU type B0, Push-in terminals, with 4 AUX terminals, bridged to the left, WxH: 20 mmx117 mm



General information	
Product type designation	BU type B0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
• For P1 and P2 bus	24 V
• For AUX bus	24 V; Equal potential group to P1/P2 bus or PE
• for process terminals	24 V
Rated value (AC)	See manual
• For P1 and P2 bus	230 V
• For AUX bus	230 V; Equal potential group to P1/P2 bus or PE
• for process terminals	230 V
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
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes; only for process terminals 1 to 8
between power bus and supply voltage	No
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	
• 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

Accessories

Color coding labels	
• for AUX terminals	CC81 to CC83

Connection method

Terminals	
• Terminal type	Push-in terminal
• system-integrated shield connection	Yes; Optional
• Conductor cross-section, min.	0.14 mm²; AWG 26
• Conductor cross-section, max.	2.5 mm²; AWG 14
• Number of process terminals to I/O module	12; Pro slot
• Number of terminals to AUX bus	0
• Number of add-on terminals	0
• Number of terminals with connection to P1 and P2 bus	0; Pro slot

Dimensions

Width	20 mm
Height	117 mm
Depth	35 mm

Weights

Weight, approx.	48 g
-----------------	------

Classifications

	Version	Classification
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](#)



[KC](#)



For use in hazardous locations



[CCC-Ex](#)

[FM](#)



[Miscellaneous](#)

For use in hazard-
ous locations

Maritime application

[Type Examination Cer-
tificate](#)



[NK / Nippon Kaiji Ky-
okai](#)

Maritime application

Environment



[CCS \(China Classifica-
tion Society\)](#)



last modified:

9/19/2025