



SIMATIC ET 200SP, BaseUnit BU20-P12+A0+4B, BU type B1, Packing unit: 1 unit, push-in terminals, without auxiliary terminals, bridged to the left, WxH: 20 mm x 117 mm

General information	
Product type designation	BU type B1
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
external protection for power supply lines	Yes
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; Not applicable for process terminals 9 to 12
between power bus and supply voltage	Yes
Isolation	
Isolation tested with	3 100 V DC
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
connection method	
Terminals	

- Terminal type
- system-integrated shield connection
- Conductor cross-section, min.
- Conductor cross-section, max.
- Number of process terminals to I/O module
- Number of terminals to AUX bus
- Number of add-on terminals
- Number of terminals with connection to P1 and P2 bus

Push-in terminal
No
0.14 mm²; AWG 26
2.5 mm²; AWG 14
12; Pro slot
0
0
0; Pro slot

Dimensions	
Width	20 mm
Height	117 mm
Depth	35 mm
Weights	
Weight, approx.	48 g

last modified:

1/20/2023 