



SIMATIC ET 200SP, BaseUnit BU20-P12+A0+4B, BU-Type B1, Packaging unit: 10 pieces, Push-in terminals, without AUX-terminals, bridged to left BU, WxH: 20mm x 117mm

General information	
Product type designation	BU type B1
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
<ul style="list-style-type: none"> <li>For P1 and P2 bus</li> <li>For AUX bus</li> <li>for process terminals</li> </ul>	24 V 24 V; Equal potential group to P1/P2 bus or PE 24 V
Rated value (AC)	See manual
<ul style="list-style-type: none"> <li>For P1 and P2 bus</li> <li>For AUX bus</li> <li>for process terminals</li> </ul>	230 V 230 V; Equal potential group to P1/P2 bus or PE 230 V
external protection for power supply lines	Yes
Mains filter	
<ul style="list-style-type: none"> <li>integrated</li> </ul>	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	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	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	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	-30 °C 60 °C -30 °C 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 CC84 to CC86

#### Connection method

##### Terminals

- Terminal type Push-in terminal
- Conductor cross-section, min. 0.14 mm<sup>2</sup>; AWG 26
- Conductor cross-section, max. 2.5 mm<sup>2</sup>; 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
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**last modified:** 2/7/2021 