

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	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> </ul>	24 V
<ul style="list-style-type: none"> <li>• For AUX bus</li> </ul>	24 V; Equal potential group to P1/P2 bus or PE
<ul style="list-style-type: none"> <li>• for process terminals</li> </ul>	24 V
Rated value (AC)	See manual
<ul style="list-style-type: none"> <li>• For P1 and P2 bus</li> </ul>	230 V
<ul style="list-style-type: none"> <li>• For AUX bus</li> </ul>	230 V; Equal potential group to P1/P2 bus or PE
<ul style="list-style-type: none"> <li>• for process terminals</li> </ul>	230 V
external protection for power supply lines	Yes

<b>Mains filter</b>	
<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
<b>Hardware configuration</b>	
Automatic encoding	Yes
<b>Slots</b>	
• Number of slots	1
<b>Potential separation</b>	
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
<b>Isolation</b>	
Isolation tested with	3 100 V DC
<b>Ambient conditions</b>	
<b>Ambient temperature during operation</b>	
• horizontal installation, min.	-30 °C
• horizontal installation, max.	60 °C
• vertical installation, min.	-30 °C
• vertical installation, max.	50 °C
<b>Altitude during operation relating to sea level</b>	
• Installation altitude above sea level, max.	2 000 m; On request: Installation altitudes greater than 2 000 m
<b>Connection method</b>	
<b>Terminals</b>	
• 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
<b>Dimensions</b>	
Width	20 mm
Height	117 mm
Depth	35 mm
<b>Weights</b>	
Weight, approx.	48 g
<b>last modified:</b>	05/13/2020