

SIMATIC ET 200SP, BaseUnit BU20-P12+A0+0B, BU type D0,  
 Push-in terminals, without AUX terminals, bridged to the left, WxH:  
 20 mmx117 mm



General information	
Product type designation	BU type D0
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> </ul>	120 V 120 V; Equal potential group to P1/P2 bus or PE
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>	277 V 277 V; Equal potential group to P1/P2 bus or PE 277 V; 480 V (L1 - L2 - L3); 277 V (L, N)
Mains filter	
<ul style="list-style-type: none"> <li>• integrated</li> </ul>	Yes; Between N and FE
Current carrying capacity	
up to 60 °C, max.	5 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
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes
Slots	
• Number of slots	1; Type D0
Potential separation	
between backplane bus and supply voltage	Yes
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
Accessories	
Color coding labels	
• for process terminals	does not exist
• for AUX terminals	does not exist
• for add-on terminals	does not exist
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.

47 g

**last modified:**

12/09/2020