



SIMATIC ET 200SP, BaseUnit Type C1, BU20-P6+A2+4B BU type C1, Push-in terminals, with 2 AUX terminals, bridged to the left, WxH: 20 mmx117 mm

General information	
Product type designation	BU type C1
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; 10 A for process terminals 5 and 6
Hardware configuration	
Automatic encoding	Yes
Slots	
• Number of slots	1; Type C1
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes
between power bus and supply voltage	No
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	CC51

- for AUX terminals
- for add-on terminals

CC84 to CC86  
does not exist

#### connection method / header

Terminals	
<ul style="list-style-type: none"> <li>• Terminal type</li> <li>• Conductor cross-section, min.</li> <li>• Conductor cross-section, max.</li> <li>• Number of process terminals to I/O module</li> <li>• Number of terminals to AUX bus</li> <li>• Number of add-on terminals</li> <li>• Number of terminals with connection to P1 and P2 bus</li> </ul>	Push-in terminal 0.14 mm²; AWG 26 2.5 mm²; AWG 14 16; Pro slot 0 0 2; Pro slot
Dimensions	
Width	20 mm
Height	117 mm
Depth	35 mm
Weights	
Weight, approx.	47 g

last modified:

1/16/2021 