SIEMENS

Data sheet

6ES7193-6BP20-0DC0

SIMATIC ET 200SP, BaseUnit BU20-P6+A2+4D, BU type C0, Push-in terminals, with 2 AUX terminals, New load group, WxH: 20 mmx117 mm

General information	
Product type designation	ET 200SP, BaseUnit BU type C0, PU 1
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; 10 A miniature circuit breaker with type B or C tripping characteristic for the respective rated supply voltage
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

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, CC52
• for AUX terminals	CC84 to CC86
• for add-on terminals	does not exist

Connection method	
Terminals	
• Terminal type	Push-in terminal
• Conductor cross-section, min.	0.14 mm²; AWG 26
• Conductor cross-section, max.	2.5 mm²; 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

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Weights		
Weight, approx.	47 g	
last modified:	05/13/2020	