Data sheet 6ES7193-6BP20-0BB1



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	BU type B1
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
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
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; 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	
 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

connection method / header		
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	
Weights		
Weight, approx.	48 g	
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