



SIMATIC ET 200SP, BaseUnit BU20-P12+A4+0B, BU type B0, Push-in terminals, with 4 AUX terminals, bridged to the left, WxH: 20 mmx117 mm

General information	
Product type designation	BU type B0
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> <li>for process terminals</li> </ul>	24 V 24 V; Equal potential group to P1/P2 bus or PE 24 V
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>	230 V 230 V; Equal potential group to P1/P2 bus or PE 230 V
Mains filter	
<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
Hardware configuration	
Automatic encoding	Yes
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	1
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes; only for process terminals 1 to 8
between power bus and supply voltage	No
Isolation	
Isolation tested with	3 100 V DC
Standards, approvals, certificates	
Ecological footprint	
<ul style="list-style-type: none"> <li>environmental product declaration</li> </ul>	Yes
Global warming potential	
— global warming potential, (total) [CO2 eq]	0.873 kg
— global warming potential, (during production) [CO2 eq]	0.866 kg
— global warming potential, (during operation) [CO2 eq]	0 kg
— global warming potential, (after end of life cycle) [CO2 eq]	-0.0011 kg

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 AUX terminals	CC81 to CC83
Connection method	
Terminals	
• Terminal type	Push-in terminal
• system-integrated shield connection	Yes; Optional
• 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.	48 g

Classifications			
		Version	Classification
	eClass	14	27-24-26-03
	eClass	12	27-24-26-03
	eClass	9.1	27-24-26-03
	eClass	9	27-24-26-03
	eClass	8	27-24-26-03
	eClass	7.1	27-24-26-03
	eClass	6	27-24-26-03
	ETIM	10	EC001598
	ETIM	9	EC001598
	ETIM	8	EC001598
	ETIM	7	EC001598
	IDEA	4	3560
	UNSPSC	15	32-15-17-04

**Approvals / Certificates**

**General Product Approval**



[Manufacturer Declaration](#)

[Miscellaneous](#)

[China RoHS](#)




General Product Approval	EMV	Functional Safety
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[Type Examination Certificate](#)

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