



SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2B, BU-TYPE U0, Packaging Unit: 10 Pieces, Push-in terminals, w/o AUX-terminals, bridged to left BU, WxH: 20mm x 117mm

General information	
Product type designation	BU type U0
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	See manual
• For P1 and P2 bus	120 V
• For AUX bus	120 V; Equal potential group to P1/P2 bus or PE
• for process terminals	120 V
Rated value (AC)	See manual
• For P1 and P2 bus	277 V
• For AUX bus	277 V; Equal potential group to P1/P2 bus or PE
• for process terminals	277 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.	10 A; Point of contact, derating depends on the module
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
Potential separation	
between backplane bus and supply voltage	Yes
between process terminals and supply voltage	Yes; Not applicable for process terminals 15 and 16
between power bus and supply voltage	No
Isolation	
Isolation tested with	3 100 V DC
Standards, approvals, certificates	
Ecological footprint	
• environmental product declaration	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

eq]

— 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. 3 000 m

connection method

Terminals

- Terminal type Push-in terminal
- system-integrated shield connection Yes; Optional
- Conductor cross-section, min. 0.14 mm²; 0.2 mm² without wire end ferrule
- Conductor cross-section, max. 2.5 mm²; 1.5 mm² with wire end ferrule
- Number of process terminals to I/O module 16
- Number of terminals to AUX bus 0
- Number of add-on terminals 0
- Number of terminals with connection to P1 and P2 bus 2

Dimensions

Width	20 mm
Height	117 mm
Depth	35 mm

Weights

Weight, approx.	50 g
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last modified:

10/9/2024 