



SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2D, BU-TYPE U0, Packaging Unit: 10 Pieces, Push-in terminals, w/o AUX-terminals, new potential group, 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
<ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals 	120 V 120 V; Equal potential group to P1/P2 bus or PE 120 V
Rated value (AC)	See manual
<ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals 	277 V 277 V; Equal potential group to P1/P2 bus or PE 277 V
external protection for power supply lines	Yes
Mains filter	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> New potential group Potential group continued from the left 	Yes No
Slots	
<ul style="list-style-type: none"> 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
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> horizontal installation, min. horizontal installation, max. vertical installation, min. vertical installation, max. 	-30 °C 60 °C -30 °C 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 mm ² ; 0.2 mm ² without wire end ferrule |
| • Conductor cross-section, max. | 2.5 mm ² ; 1.5 mm ² 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

last modified: 1/20/2023 