

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, BU20-P16+A0+2D, PU 10
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Supply voltage

Rated value (DC)	120 V
• For P1 and P2 bus	120 V
• For AUX bus	120 V
Rated value (AC)	240 V; 400 V (L1 - L2 - L3); 240 V (L1, N)
• For P1 and P2 bus	240 V
• For AUX bus	240 V
• for process terminals	240 V
external protection for power supply lines	Yes

Mains filter

• integrated	No
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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

Hardware configuration	
Automatic encoding	Yes
Formation of potential groups	
• New potential group	Yes
• Potential group continued from the left	No
Potential separation	
between backplane bus and supply voltage	Yes
between the potential groups	Yes
Isolation	
Isolation tested with	2 545 V DC/2 s (routine test)
Connection method	
Terminals	
• Terminal type	Push-in terminal
• 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:	10/24/2018