

SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2D, BU-TYPE U0,
Packaging Unit: 1 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 1
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 	240 V 240 V; Equal potential group to P1/P2 bus or PE 240 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	
• New potential group	Yes
• Potential group continued from the left	No
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	
• 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	
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:	01/14/2020