



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
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>	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"> <li>For P1 and P2 bus</li> <li>For AUX bus</li> <li>for process terminals</li> </ul>	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"> <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.	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"> <li>New potential group</li> <li>Potential group continued from the left</li> </ul>	Yes No
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; 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"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> </ul>	-30 °C 60 °C

<ul style="list-style-type: none"> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul>	<p>-30 °C</p> <p>50 °C</p>
<b>Altitude during operation relating to sea level</b>	
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	2 000 m; On request: Installation altitudes greater than 2 000 m
<b>Connection method</b>	
<b>Terminals</b>	
<ul style="list-style-type: none"> <li>Terminal type</li> <li>Conductor cross-section, min.</li> <li>Conductor cross-section, max.</li> <li>Number of process terminals to I/O module</li> <li>Number of terminals to AUX bus</li> <li>Number of add-on terminals</li> <li>Number of terminals with connection to P1 and P2 bus</li> </ul>	<p>Push-in terminal</p> <p>0.14 mm<sup>2</sup>; 0.2 mm<sup>2</sup> without wire end ferrule</p> <p>2.5 mm<sup>2</sup>; 1.5 mm<sup>2</sup> with wire end ferrule</p> <p>16</p> <p>0</p> <p>0</p> <p>2</p>
<b>Dimensions</b>	
Width	20 mm
Height	117 mm
Depth	35 mm
<b>Weights</b>	
Weight, approx.	50 g
<b>last modified:</b>	1/16/2021 