



SIMATIC ET 200SP, BaseUnit BU15-P16+A0+12D/T, BU type A1, Push-in terminals, with 2x 5 add-on terminals, New load group, WxH: 15 mm x 141 mm, with temperature acquisition

General information	
Product type designation	BU type A1
HW functional status	FS10 and higher
Supply voltage	
Rated value (DC)	24 V
external protection for power supply lines	Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic
Current carrying capacity	
For P1 and P2 bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Additional terminals	Yes
Temperature sensor	Yes
Formation of potential groups	
<ul style="list-style-type: none"> <li>New potential group</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Potential group continued from the left</li> </ul>	No
Slots	
<ul style="list-style-type: none"> <li>Number of slots</li> </ul>	1; Type A1
Potential separation	
between the potential groups	Yes
Isolation	
Isolation tested with	707 V DC (type test)
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> <li>horizontal installation, min.</li> </ul>	-30 °C
<ul style="list-style-type: none"> <li>horizontal installation, max.</li> </ul>	60 °C
<ul style="list-style-type: none"> <li>vertical installation, min.</li> </ul>	-30 °C
<ul style="list-style-type: none"> <li>vertical installation, max.</li> </ul>	50 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual
Accessories	
Color coding labels	
<ul style="list-style-type: none"> <li>for process terminals</li> </ul>	CC00 to CC09
<ul style="list-style-type: none"> <li>for AUX terminals</li> </ul>	does not exist
<ul style="list-style-type: none"> <li>for add-on terminals</li> </ul>	CC74
Connection method	
Terminals	

• Terminal type	Push-in terminal
• Conductor cross-section, min.	0.14 mm <sup>2</sup> ; AWG 26
• Conductor cross-section, max.	2.5 mm <sup>2</sup> ; AWG 14
• Number of process terminals to I/O module	16
• Number of terminals to AUX bus	0
• Number of add-on terminals	2x5
• Number of terminals with connection to P1 and P2 bus	2

#### Dimensions

Width	15 mm
Height	141 mm
Depth	35 mm

#### Weights

Weight, approx.	50 g
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**last modified:** 1/16/2021 