

SIMATIC ET 200SP, BaseUnit BU15-P16+A0+2B/T, BU type A1,  
Push-in terminals, without AUX terminals, bridged to the left, WxH:  
15x 117 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	
Temperature sensor	Yes
Formation of potential groups	
• New potential group	No
• Potential group continued from the left	Yes
Isolation	
Isolation tested with	707 V DC (type test)

## 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. | 5 000 m; Restrictions for installation altitudes > 2 000 m, see manual |
|---|--|

## Accessories

### Color coding labels

- |                         |                |
|-------------------------|----------------|
| • for process terminals | CC00 to CC09   |
| • for AUX terminals     | does not exist |
| • for add-on terminals  | does not exist |

## 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                           | 0                             |
| • Number of terminals with connection to P1 and P2 bus | 2                             |

## Dimensions

- |        |        |
|--------|--------|
| Width  | 15 mm  |
| Height | 117 mm |
| Depth  | 35 mm  |

## Weights

- |                 |      |
|-----------------|------|
| Weight, approx. | 40 g |
|-----------------|------|

**last modified:** 11/14/2019