

SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2B, BU type A0, Push-in terminals, with 10 AUX terminals, bridged to the left, WxH: 15 mmx141 mm



General information	
Product type designation	BU type A0
HW functional status	From FS06
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 AUX bus, max.	10 A
For process terminals, max.	2 A
Hardware configuration	
Formation of potential groups	
<ul style="list-style-type: none"> <li>• New potential group</li> </ul>	No
<ul style="list-style-type: none"> <li>• Potential group continued from the left</li> </ul>	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. | 2 000 m; On request: Installation altitudes greater than 2 000 m |
|---|--|

## Accessories

### Color coding labels

- |                         |                |
|-------------------------|----------------|
| • for process terminals | CC00 to CC09   |
| • for AUX terminals     | CC71 to CC73   |
| • 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                       | 10                            |
| • Number of add-on terminals                           | 0                             |
| • 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
-----------------	------

**last modified:** 05/30/2019