

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	
<ul style="list-style-type: none"> • New potential group 	No
<ul style="list-style-type: none"> • 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 ² ; AWG 26 |
| • Conductor cross-section, max. | 2.5 mm ² ; 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:	01/22/2020
-----------------------	------------