



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 / header  |  |
| Terminals   |  |
| <ul style="list-style-type: none"> <li>Terminal type</li> </ul>                               | Push-in terminal   |
| <ul style="list-style-type: none"> <li>Conductor cross-section, min.</li> </ul>               | 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 |
|-----------------|------|

**last modified:** 1/16/2021 