



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                   |                                                                                      |
| • New potential group                           | Yes                                                                                  |
| • Potential group continued from the left       | No                                                                                   |
| Slots                                           |                                                                                      |
| • Number of slots                               | 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            |                                                                                      |
| • 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                          | CC74                                                                                 |
| connection method                               |                                                                                      |
| Terminals                                       |                                                                                      |
| • Terminal type                                 | Push-in terminal                                                                     |
| • system-integrated shield connection           | Yes; Optional                                                                        |
| • Conductor cross-section, min.                 | 0.14 mm²; AWG 26                                                                     |

- Conductor cross-section, max.
- Number of process terminals to I/O module
- Number of terminals to AUX bus
- Number of add-on terminals
- Number of terminals with connection to P1 and P2 bus

2.5 mm²; AWG 14

16

0

2x5

2

Dimensions

|        |        |
|--------|--------|
| Width  | 15 mm  |
| Height | 141 mm |
| Depth  | 35 mm  |

Weights

|                 |      |
|-----------------|------|
| Weight, approx. | 50 g |
|-----------------|------|

Classifications

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 14      | 27-24-26-03    |
| eClass | 12      | 27-24-26-03    |
| eClass | 9.1     | 27-24-26-03    |
| eClass | 9       | 27-24-26-03    |
| eClass | 8       | 27-24-26-03    |
| eClass | 7.1     | 27-24-26-03    |
| eClass | 6       | 27-24-26-03    |
| ETIM   | 9       | EC001598       |
| ETIM   | 8       | EC001598       |
| ETIM   | 7       | EC001598       |
| IDEA   | 4       | 3560           |
| UNSPSC | 15      | 32-15-17-04    |

Approvals / Certificates

General Product Approval




[Manufacturer Declaration](#)


[KC](#)


For use in hazardous locations



[FM](#)

[CCC-Ex](#)





[Miscellaneous](#)

Marine / Shipping









[NK / Nippon Kaiji Kyokai](#)



Marine / Shipping



[CCS \(China Classification Society\)](#)

