



SIMATIC ET 200SP, Potential distributor module, PotDis-BaseUnit PotDis-BU Typ P1, light-colored, 17 x P1-potential, 1 x P2-potential, Push-In terminals. P1-, P2- and AUX-rail disconnected from left BU, Packaging Unit: 1 Piece, WxH: 15mm x 117mm

| General information                                       |                                                                                                                      |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Product type designation                                  | PotDis BU type P1, light version, PU 1                                                                               |
| HW functional status                                      | FS10 and higher                                                                                                      |
| Color code for module-specific color identification plate | CC62                                                                                                                 |
| Supply voltage                                            |                                                                                                                      |
| Rated value (DC)                                          |                                                                                                                      |
| • For P1 and P2 bus                                       | 48 V; max.                                                                                                           |
| • for process terminals                                   | 48 V; max.                                                                                                           |
| external protection for power supply lines                | Yes; 10 A miniature circuit breaker with type B or C tripping characteristic for the respective rated supply voltage |
| Current carrying capacity                                 |                                                                                                                      |
| For P1 and P2 bus, max.                                   | 10 A                                                                                                                 |
| For process terminals, max.                               | 10 A                                                                                                                 |
| Hardware configuration                                    |                                                                                                                      |
| Formation of potential groups                             |                                                                                                                      |
| • New potential group                                     | Yes                                                                                                                  |
| • Potential group continued from the left                 | No                                                                                                                   |
| Slots                                                     |                                                                                                                      |
| • Number of slots                                         | 1                                                                                                                    |
| Potential separation                                      |                                                                                                                      |
| between backplane bus and supply voltage                  | Yes                                                                                                                  |
| Isolation                                                 |                                                                                                                      |
| Isolation tested with                                     | 3 250 V DC                                                                                                           |
| 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                                   | CC62                                                                                                                 |
| connection method / header                                |                                                                                                                      |
| Terminals                                                 |                                                                                                                      |
| • Terminal type                                           | Push-in terminal                                                                                                     |
| • Conductor cross-section, min.                           | 0.14 mm <sup>2</sup>                                                                                                 |
| • Conductor cross-section, max.                           | 2.5 mm <sup>2</sup>                                                                                                  |

- Number of terminals with connection to P1 and P2 bus

17 terminals to P1, 1 terminal to P2

#### Dimensions

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

#### Weights

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

**last modified:**

12/19/2020 