

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



| General information                        |                                                                                                                      |
|--------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Product type designation                   | PotDis BU type P2, dark version, PU 1                                                                                |
| HW functional status                       | FS10 and higher                                                                                                      |
| 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                      | No                                                                                                                   |
| • Potential group continued from the left  | Yes                                                                                                                  |
| Potential separation                       |                                                                                                                      |

|                                                        |                                                                        |
|--------------------------------------------------------|------------------------------------------------------------------------|
| between backplane bus and supply voltage               | Yes                                                                    |
| <b>Isolation</b>                                       |                                                                        |
| Isolation tested with                                  | 3 250 V DC                                                             |
| <b>Ambient conditions</b>                              |                                                                        |
| 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 |
| <b>Accessories</b>                                     |                                                                        |
| Color coding labels                                    |                                                                        |
| • for process terminals                                | CC63                                                                   |
| <b>Connection method</b>                               |                                                                        |
| 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 | 18; 17 terminals to P2, 1 terminal to P1                               |
| <b>Dimensions</b>                                      |                                                                        |
| Width                                                  | 15 mm                                                                  |
| Height                                                 | 117 mm                                                                 |
| Depth                                                  | 35 mm                                                                  |
| <b>Weights</b>                                         |                                                                        |
| Weight, approx.                                        | 40 g                                                                   |
| <b>last modified:</b>                                  | 09/27/2019                                                             |