

SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2D, BU type A0,  
Push-in terminals, with 10 AUX terminals, New load group, WxH: 15  
mmx141 mm



| General information                        |                                                                                      |
|--------------------------------------------|--------------------------------------------------------------------------------------|
| Product type designation                   | BU type A0                                                                           |
| HW functional status                       | From FS07                                                                            |
| 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 AUX bus, max.                          | 10 A                                                                                 |
| For process terminals, max.                | 2 A                                                                                  |
| Hardware configuration                     |                                                                                      |
| Formation of potential groups              |                                                                                      |
| • New potential group                      | Yes                                                                                  |
| • Potential group continued from the left  | No                                                                                   |
| Potential separation                       |                                                                                      |
| between the potential groups               | Yes                                                                                  |

|                                                        |                                                                        |
|--------------------------------------------------------|------------------------------------------------------------------------|
| <b>Isolation</b>                                       |                                                                        |
| Isolation tested with                                  | 707 V DC (type test)                                                   |
| <b>Ambient conditions</b>                              |                                                                        |
| <b>Ambient temperature during operation</b>            |                                                                        |
| • horizontal installation, min.                        | -30 °C                                                                 |
| • horizontal installation, max.                        | 60 °C                                                                  |
| • vertical installation, min.                          | -30 °C                                                                 |
| • vertical installation, max.                          | 50 °C                                                                  |
| <b>Altitude during operation relating to sea level</b> |                                                                        |
| • Installation altitude above sea level, max.          | 5 000 m; Restrictions for installation altitudes > 2 000 m, see manual |
| <b>Accessories</b>                                     |                                                                        |
| <b>Color coding labels</b>                             |                                                                        |
| • for process terminals                                | CC00 to CC09                                                           |
| • for AUX terminals                                    | CC71 to CC73                                                           |
| • for add-on terminals                                 | does not exist                                                         |
| <b>Connection method</b>                               |                                                                        |
| <b>Terminals</b>                                       |                                                                        |
| • Terminal type                                        | Push-in terminal                                                       |
| • Conductor cross-section, min.                        | 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                       | 10                                                                     |
| • Number of add-on terminals                           | 0                                                                      |
| • Number of terminals with connection to P1 and P2 bus | 2                                                                      |
| <b>Dimensions</b>                                      |                                                                        |
| Width                                                  | 15 mm                                                                  |
| Height                                                 | 141 mm                                                                 |
| Depth                                                  | 35 mm                                                                  |
| <b>Weights</b>                                         |                                                                        |
| Weight, approx.                                        | 50 g                                                                   |
| <b>last modified:</b>                                  | 03/03/2020                                                             |