




SIMATIC ET 200SP, BaseUnit BU20-P12+A0+0B, BU type D0, Push-in terminals, without AUX terminals, bridged to the left, WxH: 20 mmx117 mm

| General information  |   |
|--|---|
| Product type designation   | BU type D0  |
| HW functional status   | FS10 and higher   |
| Supply voltage   |   |
| Rated value (DC)   | See manual  |
| <ul style="list-style-type: none"> <li>For P1 and P2 bus</li> <li>For AUX bus</li> </ul>   | 120 V<br>120 V; Equal potential group to P1/P2 bus or PE  |
| Rated value (AC)   | See manual  |
| <ul style="list-style-type: none"> <li>For P1 and P2 bus</li> <li>For AUX bus</li> <li>for process terminals</li> </ul>  | 277 V<br>277 V; Equal potential group to P1/P2 bus or PE<br>277 V; 480 V (L1 - L2 - L3); 277 V (L, N) |
| Mains filter   |   |
| <ul style="list-style-type: none"> <li>integrated</li> </ul>   | Yes; Between N and FE   |
| Current carrying capacity  |   |
| up to 60 °C, max.  | 5 A   |
| For P1 and P2 bus, max.  | 10 A  |
| For AUX bus, max.  | 10 A  |
| For process terminals, max.  | 5 A   |
| Hardware configuration   |   |
| Automatic encoding   | Yes   |
| Formation of potential groups  |   |
| <ul style="list-style-type: none"> <li>New potential group</li> <li>Potential group continued from the left</li> </ul>   | No<br>Yes   |
| Slots  |   |
| <ul style="list-style-type: none"> <li>Number of slots</li> </ul>  | 1; Type D0  |
| Potential separation   |   |
| between backplane bus and supply voltage   | Yes   |
| between power bus and supply voltage   | Yes   |
| Isolation  |   |
| Isolation tested with  | 3 100 V DC  |
| Ambient conditions   |   |
| Ambient temperature during operation   |   |
| <ul style="list-style-type: none"> <li>horizontal installation, min.</li> <li>horizontal installation, max.</li> <li>vertical installation, min.</li> <li>vertical installation, max.</li> </ul> | -30 °C<br>60 °C<br>-30 °C<br>50 °C  |
| Altitude during operation relating to sea level  |   |
| <ul style="list-style-type: none"> <li>Installation altitude above sea level, max.</li> </ul>  | 2 000 m; On request: Installation altitudes greater than 2 000 m                                      |

| Accessories  |  |
|--|--|
| Color coding labels                                    |  |
| • for process terminals                                | does not exist   |
| • for AUX terminals                                    | does not exist   |
| • for add-on terminals                                 | does not exist   |
| connection method / header                             |  |
| Terminals  |  |
| • 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            | 12; Pro slot   |
| • Number of terminals to AUX bus                       | 0  |
| • Number of add-on terminals                           | 0  |
| • Number of terminals with connection to P1 and P2 bus | 0; Pro slot  |
| Dimensions   |  |
| Width  | 20 mm  |
| Height   | 117 mm   |
| Depth  | 35 mm  |
| Weights  |  |
| Weight, approx.  | 47 g   |
| <b>last modified:</b>                                  | 12/19/2020  |