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SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2B, BU-TYPE U0, Packaging Unit:  
10 Pieces, Push-in terminals, w/o AUX-terminals, bridged to left BU, WxH: 20mm x  
117mm

| General information                                            |                                                        |
|----------------------------------------------------------------|--------------------------------------------------------|
| Product type designation                                       | BU type U0                                             |
| HW functional status                                           | FS10 and higher                                        |
| Supply voltage                                                 |                                                        |
| Rated value (DC)                                               | See manual                                             |
| • For P1 and P2 bus                                            | 120 V                                                  |
| • For AUX bus                                                  | 120 V; Equal potential group to P1/P2 bus or PE        |
| • for process terminals                                        | 120 V                                                  |
| Rated value (AC)                                               | See manual                                             |
| • For P1 and P2 bus                                            | 277 V                                                  |
| • For AUX bus                                                  | 277 V; Equal potential group to P1/P2 bus or PE        |
| • for process terminals                                        | 277 V                                                  |
| Mains filter                                                   |                                                        |
| • integrated                                                   | No                                                     |
| Current carrying capacity                                      |                                                        |
| up to 60 °C, max.                                              | 10 A                                                   |
| For P1 and P2 bus, max.                                        | 10 A                                                   |
| For AUX bus, max.                                              | 10 A                                                   |
| For process terminals, max.                                    | 10 A; Point of contact, derating depends on the module |
| Hardware configuration                                         |                                                        |
| Automatic encoding                                             | Yes                                                    |
| Formation of potential groups                                  |                                                        |
| • New potential group                                          | No                                                     |
| • Potential group continued from the left                      | Yes                                                    |
| Slots                                                          |                                                        |
| • Number of slots                                              | 1                                                      |
| Potential separation                                           |                                                        |
| between backplane bus and supply voltage                       | Yes                                                    |
| between process terminals and supply voltage                   | Yes; Not applicable for process terminals 15 and 16    |
| between power bus and supply voltage                           | No                                                     |
| Isolation                                                      |                                                        |
| Isolation tested with                                          | 3 100 V DC                                             |
| Standards, approvals, certificates                             |                                                        |
| Ecological footprint                                           |                                                        |
| • environmental product declaration                            | Yes                                                    |
| Global warming potential                                       |                                                        |
| — global warming potential, (total) [CO2 eq]                   | 0.873 kg                                               |
| — global warming potential, (during production) [CO2 eq]       | 0.866 kg                                               |
| — global warming potential, (during operation) [CO2 eq]        | 0 kg                                                   |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.0011 kg                                             |
| 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.          | 3 000 m                                    |
| <b>Connection method</b>                               |                                            |
| Terminals                                              |                                            |
| • Terminal type                                        | Push-in terminal                           |
| • system-integrated shield connection                  | Yes; Optional                              |
| • Conductor cross-section, min.                        | 0.14 mm²; 0.2 mm² without wire end ferrule |
| • Conductor cross-section, max.                        | 2.5 mm²; 1.5 mm² with wire end ferrule     |
| • Number of process terminals to I/O module            | 16                                         |
| • Number of terminals to AUX bus                       | 0                                          |
| • Number of add-on terminals                           | 0                                          |
| • Number of terminals with connection to P1 and P2 bus | 2                                          |
| <b>Dimensions</b>                                      |                                            |
| Width                                                  | 20 mm                                      |
| Height                                                 | 117 mm                                     |
| Depth                                                  | 35 mm                                      |
| <b>Weights</b>                                         |                                            |
| Weight, approx.                                        | 50 g                                       |
| <b>Classifications</b>                                 |                                            |

|        | Version | Classification |
|--------|---------|----------------|
| eClass | 16      | 27-24-26-03    |
| 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   | 10      | EC001598       |
| 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](#)



|                          |                      |             |
|--------------------------|----------------------|-------------|
| General Product Approval | Maritime application | Environment |
|--------------------------|----------------------|-------------|



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