



SIMATIC ET 200SP, BaseUnit BU20-P6+A2+4D, BU type C0, Push-in terminals, with 2 AUX terminals, New load group, WxH: 20 mmx117 mm

| General information                             |                                                                                                                      |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Product type designation                        | BU type C0                                                                                                           |
| HW functional status                            | FS10 and higher                                                                                                      |
| Supply voltage                                  |                                                                                                                      |
| Rated value (DC)                                | See manual                                                                                                           |
| • For P1 and P2 bus                             | 24 V                                                                                                                 |
| • For AUX bus                                   | 24 V; Equal potential group to P1/P2 bus or PE                                                                       |
| • for process terminals                         | 24 V                                                                                                                 |
| Rated value (AC)                                | See manual                                                                                                           |
| • For P1 and P2 bus                             | 230 V                                                                                                                |
| • For AUX bus                                   | 230 V; Equal potential group to P1/P2 bus or PE                                                                      |
| • for process terminals                         | 230 V                                                                                                                |
| 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 |
| 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.                     | 5 A; 10 A for process terminals 5 and 6                                                                              |
| Hardware configuration                          |                                                                                                                      |
| Automatic encoding                              | Yes                                                                                                                  |
| Slots                                           |                                                                                                                      |
| • Number of slots                               | 1                                                                                                                    |
| Potential separation                            |                                                                                                                      |
| between backplane bus and supply voltage        | Yes                                                                                                                  |
| between process terminals and supply voltage    | Yes                                                                                                                  |
| between power bus and supply voltage            | No                                                                                                                   |
| Isolation                                       |                                                                                                                      |
| Isolation tested with                           | 3 100 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.   | 2 000 m; On request: Installation altitudes greater than 2 000 m                                                     |
| Accessories                                     |                                                                                                                      |

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|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Color coding labels                                                                                                                                                                                                                                                                                                                                                                            |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| <ul style="list-style-type: none"><li>• for process terminals</li><li>• for AUX terminals</li><li>• for add-on terminals</li></ul>                                                                                                                                                                                                                                                             |                                                                                     | CC51, CC52<br>CC84 to CC86<br>does not exist                                                                      |                                                                                     |                                                                                       |                                                                                       |
| connection method                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| Terminals                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| <ul style="list-style-type: none"><li>• Terminal type</li><li>• system-integrated shield connection</li><li>• Conductor cross-section, min.</li><li>• Conductor cross-section, max.</li><li>• Number of process terminals to I/O module</li><li>• Number of terminals to AUX bus</li><li>• Number of add-on terminals</li><li>• Number of terminals with connection to P1 and P2 bus</li></ul> |                                                                                     | Push-in terminal<br>Yes; Optional<br>0.14 mm²; AWG 26<br>2.5 mm²; AWG 14<br>12; Pro slot<br>0<br>0<br>0; Pro slot |                                                                                     |                                                                                       |                                                                                       |
| Dimensions                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| Width                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     | 20 mm                                                                                                             |                                                                                     |                                                                                       |                                                                                       |
| Height                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                     | 117 mm                                                                                                            |                                                                                     |                                                                                       |                                                                                       |
| Depth                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                     | 35 mm                                                                                                             |                                                                                     |                                                                                       |                                                                                       |
| Weights                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| Weight, approx.                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     | 47 g                                                                                                              |                                                                                     |                                                                                       |                                                                                       |
| Classifications                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                     | Version                                                                                                           | Classification                                                                      |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                | 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                                                                                | 9                                                                                                                 | EC001598                                                                            |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                | ETIM                                                                                | 8                                                                                                                 | EC001598                                                                            |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                | ETIM                                                                                | 7                                                                                                                 | EC001598                                                                            |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                | IDEA                                                                                | 4                                                                                                                 | 3560                                                                                |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                                                                                                                | UNSPSC                                                                              | 15                                                                                                                | 32-15-17-04                                                                         |                                                                                       |                                                                                       |
| Approvals / Certificates                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                       |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                             |  | <a href="#">Manufacturer Declaration</a>                                                                          |  | <a href="#">KC</a>                                                                    |  |
| For use in hazardous locations                                                                                                                                                                                                                                                                                                                                                                 |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                             | <a href="#">CCC-Ex</a>                                                              | <a href="#">FM</a>                                                                                                |  |  | <a href="#">Miscellaneous</a>                                                         |
| Marine / Shipping                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |                                                                                                                   |                                                                                     |                                                                                       |                                                                                       |
|                                                                                                                                                                                                                                                                                                             |  |                                |  | <a href="#">NK / Nippon Kaiji Kyokai</a>                                              |  |
| Marine / Shipping                                                                                                                                                                                                                                                                                                                                                                              |                                                                                     |                                                                                                                   | Environment                                                                         |                                                                                       |                                                                                       |



[CCS \(China Classification Society\)](#)



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