


SIMATIC ET 200SP, BaseUnit BU20-P16+A0+2D, BU-TYPE U0,
Packaging Unit: 10 Pieces, Push-in terminals, w/o AUX-terminals, new
potential group, 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 |
| <ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals | 120 V 120 V; Equal potential group to P1/P2 bus or PE 120 V |
| Rated value (AC) | See manual |
| <ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals | 240 V 240 V; Equal potential group to P1/P2 bus or PE 240 V |
| external protection for power supply lines | Yes |
| Mains filter | |
| <ul style="list-style-type: none"> 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 | |
| <ul style="list-style-type: none"> New potential group Potential group continued from the left | Yes No |
| Slots | |
| <ul style="list-style-type: none"> 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 |
| Ambient conditions | |
| Ambient temperature during operation | |
| <ul style="list-style-type: none"> horizontal installation, min. horizontal installation, max. | -30 °C 60 °C |

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| <ul style="list-style-type: none"> vertical installation, min. | -30 °C |
| <ul style="list-style-type: none"> vertical installation, max. | 50 °C |
| Altitude during operation relating to sea level | |
| <ul style="list-style-type: none"> Installation altitude above sea level, max. | 2 000 m; On request: Installation altitudes greater than 2 000 m |
| Connection method | |
| Terminals | |
| <ul style="list-style-type: none"> Terminal type | Push-in terminal |
| <ul style="list-style-type: none"> Conductor cross-section, min. | 0.14 mm ² ; 0.2 mm ² without wire end ferrule |
| <ul style="list-style-type: none"> Conductor cross-section, max. | 2.5 mm ² ; 1.5 mm ² with wire end ferrule |
| <ul style="list-style-type: none"> Number of process terminals to I/O module | 16 |
| <ul style="list-style-type: none"> Number of terminals to AUX bus | 0 |
| <ul style="list-style-type: none"> Number of add-on terminals | 0 |
| <ul style="list-style-type: none"> Number of terminals with connection to P1 and P2 bus | 2 |
| Dimensions | |
| Width | 20 mm |
| Height | 117 mm |
| Depth | 35 mm |
| Weights | |
| Weight, approx. | 50 g |
| last modified: | 1/16/2021  |