



SIMATIC ET 200SP, BaseUnit BU20-P12+A0+4B, BU type B1, Packing unit: 1 unit, push-in terminals, without auxiliary terminals, bridged to the left, WxH: 20 mm x 117 mm

| General information | |
|--|---|
| Product type designation | BU type B1 |
| 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 | 24 V 24 V; Equal potential group to P1/P2 bus or PE 24 V |
| Rated value (AC) | See manual |
| <ul style="list-style-type: none"> For P1 and P2 bus For AUX bus for process terminals | 230 V 230 V; Equal potential group to P1/P2 bus or PE 230 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. | 5 A |
| Hardware configuration | |
| Automatic encoding | Yes |
| 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 9 to 12 |
| 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"> horizontal installation, min. horizontal installation, max. vertical installation, min. vertical installation, max. | -30 °C 60 °C -30 °C 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 / header

Terminals

| | |
|--|-------------------------------|
| • Terminal type | Push-in terminal |
| • Conductor cross-section, min. | 0.14 mm ² ; AWG 26 |
| • Conductor cross-section, max. | 2.5 mm ² ; 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. | 48 g |
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