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## Data sheet 6ES7193-6BP20-0BA0



SIMATIC ET 200SP, BaseUnit BU15-P16+A10+2B, BU type A0, Push-in terminals, with 10 AUX terminals, bridged to the left, WxH: 15 mmx141 mm

| | |
|---|---|
| **General information** | |
| Product type designation | BU type A0 |
| HW functional status | From FS06 |
| **Supply voltage** | |
| Rated value (DC) | 24 V |
| external protection for power supply lines | Yes; 24 V DC/10 A miniature circuit breaker with type B or C tripping characteristic |
| **Current carrying capacity** | |
| For P1 and P2 bus, max. | 10 A |
| For AUX bus, max. | 10 A |
| For process terminals, max. | 2 A |
| **Hardware configuration** | |
| Formation of potential groups | |
| ● New potential group | No |
| ● Potential group continued from the left | Yes |
| Slots | |
| ● Number of slots | 1; Type A0 |
| **Isolation** | |
| Isolation tested with | 707 V DC (type test) |
| **Standards, approvals, certificates** | |
| Ecological footprint | |
| ● environmental product declaration | Yes |
| Global warming potential | |
| — global warming potential, (total) [CO2 eq] | 1.09 kg |
| — global warming potential, (during production) [CO2 eq] | 1.08 kg |
| — global warming potential, (during operation) [CO2 eq] | 0 kg |
| — global warming potential, (after end of life cycle) [CO2 eq] | -0.0045 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. | 5 000 m; Restrictions for installation altitudes > 2 000 m, see manual |
| **Accessories** | |
| Color coding labels | |
| ● for process terminals | CC00 to CC09 |


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| | |
|---|---|
| ● for AUX terminals | CC71 to CC73 |
| ● for add-on terminals | does not exist |
| **connection method** | |
| Terminals | |
| ● Terminal type | Push-in terminal |
| ● system-integrated shield connection | Yes; Optional |
| ● Conductor cross-section, min. | 0.14 mm²; AWG 26 |
| ● Conductor cross-section, max. | 2.5 mm²; AWG 14 |
| ● Number of process terminals to I/O module | 16 |
| ● Number of terminals to AUX bus | 10 |
| ● Number of add-on terminals | 0 |
| ● Number of terminals with connection to P1 and P2 bus | 2 |
| **Dimensions** | |
| Width | 15 mm |
| Height | 141 mm |
| Depth | 35 mm |
| **Weights** | |
| Weight, approx. | 50 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 | 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 | KC

**For use in hazardous locations**

FM | CCC-Ex | Miscellaneous

| For use in hazardous locations | Maritime application |
|---|---|

Type Examination Certificate | NK / Nippon Kaiji Kyokai

| Maritime application | Environment |
|---|---|


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CCS (China Classification Society)










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