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## Data sheet 6ES7193-6UP00-0DP2



SIMATIC ET 200SP, Potential distributor module, PotDis-BaseUnit PotDis-BU Typ P2, light-colored, 1 x P1-potential, 17 x P2-potential, Push-In terminals. P1-, P2- and AUX-rail diconnected from left BU, Packaging Unit: 1 Piece, WxH: 15mm x 117mm

| | |
|---|---|
| **General information** | |
| Product type designation | PotDis BU type P2, light version |
| HW functional status | FS10 and higher |
| Color code for module-specific color-coded label | CC63 |
| **Supply voltage** | |
| Rated value (DC) | |
| ● For P1 and P2 bus | 48 V; max. |
| ● for process terminals | 48 V; max. |
| 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 |
| **Current carrying capacity** | |
| For P1 and P2 bus, max. | 10 A |
| For process terminals, max. | 10 A |
| **Hardware configuration** | |
| 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 |
| **Isolation** | |
| Isolation tested with | 3 250 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 |


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| | |
|---|---|
| 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 |
| Absolute humidity | |
| ● dew point, min. | -60 °C; suitable for dry room applications |
| **Accessories** | |
| Color coding labels | |
| ● for process terminals | CC63 |
| **Connection method** | |
| Terminals | |
| ● Terminal type | Push-in terminal |
| ● Conductor cross-section, min. | 0.14 mm² |
| ● Conductor cross-section, max. | 2.5 mm² |
| ● Number of terminals with connection to P1 and P2 bus | 18; 17 terminals to P2, 1 terminal to P1 |
| **Dimensions** | |
| Width | 15 mm |
| Height | 117 mm |
| Depth | 35 mm |
| **Weights** | |
| Weight, approx. | 40 g |

**Classifications**

| | 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** | **For use in hazardous locations**

FM | CCC-Ex

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

Type Examination Certificate | Miscellaneous | CCC-Ex


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| Maritime application | | | | | |
|---|---|---|---|---|---|
| DNV | LRS | NK / Nippon Kaiji Kyokai | RINA | RMRS | CCS (China Classification Society) |

| Maritime application | Environment |
|---|---|
| KR (Korean Register of Shipping) | EPD |

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