SIEMENS

## Data sheet 6ES7193-6TP00-0TP2



SIMATIC ET 200SP, Potential distributor module, PotDis terminal block, PotDis-TB-P2-B, 18 terminals to potential P2, Push-In terminals Packaging Unit: 1 Piece,

| | |
|---|---|
| **General information** | |
| Product type designation | PotDis-TB-P2-B |
| HW functional status | FS10 and higher |
| Color code for module-specific color-coded label | CC13 |
| **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** | |
| up to 60 °C, max. | 10 A |
| For P1 and P2 bus, max. | 10 A |
| For process terminals, max. | 10 A |
| **Potential separation** | |
| between process terminals and supply voltage | No |
| **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 |
| 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 | CC10, CC13 |


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| Connection method | |
|---|---|
| Terminals | |
| ● Terminal type | Push-in terminal |
| ● Conductor cross-section, min. | 0.14 mm²; 0.2 mm² without wire end ferrule |
| ● Conductor cross-section, max. | 2.5 mm²; 1.5 mm² with wire end ferrule |
| ● Number of process terminals to I/O module | 16 |
| ● Number of terminals to AUX bus | 0 |
| ● Number of add-on terminals | 0 |
| ● Number of terminals with connection to P1 and P2 bus | 2 |
| **Dimensions** | |
| Width | 15 mm |
| Height | 74 mm |
| Depth | 34 mm |
| **Weights** | |
| Weight, approx. | 24 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**

CCC-Ex | FM

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

Type Examination Certificate | Miscellaneous | CCC-Ex

**Maritime application**


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| | | | | | |
|---|---|---|---|---|---|
| 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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