



SIMATIC ET 200SP, Potential distributor module, PotDis terminal block, PotDis-TB-P1-R, 18 x potential P1, Push-In terminals Packaging Unit: 1 Piece,

| General information                                            |                                                                                                                      |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| Product type designation                                       | PotDis-TB-P1-R                                                                                                       |
| HW functional status                                           | FS10 and higher                                                                                                      |
| Color code for module-specific color-coded label               | CC12                                                                                                                 |
| 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                                                                                                                 |
| 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                                               |
| Accessories                                                    |                                                                                                                      |
| Color coding labels                                            |                                                                                                                      |
| • for process terminals                                        | CC10, CC12                                                                                                           |
| 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 mm <sup>2</sup> ; 1.5 mm <sup>2</sup> 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 | 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](#)



##### For use in hazardous locations



[FM](#)

[CCC-Ex](#)



[Type Examination Certificate](#)



##### For use in hazardous locations

##### Maritime application

[Miscellaneous](#)



[NK / Nippon Kaiji Kyokai](#)

##### Maritime application

##### Environment



[CCS \(China Classification Society\)](#)



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