



SIMATIC, terminal module TM-PS-A standard for ET200iSP, for holding the power supply module 120/230 V AC and 24 V DC, Ex eb [ia Ga/ib] IIC T4 Gb, Ex eb [ia IIIC Da] IIC T4 Gb, Ex eb [ia/ib] I Mb

| General information                                        |                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------|
| Product brand name                                         | SIMATIC                                                           |
| Product family                                             | ET 200iSP                                                         |
| Product category                                           | Terminal module                                                   |
| Product type designation                                   | TM-PS-A UC                                                        |
| Installation type/mounting                                 |                                                                   |
| Rack mounting                                              | No                                                                |
| Front mounting                                             | Yes                                                               |
| Rail mounting                                              | Yes                                                               |
| Wall mounting/direct mounting                              | No                                                                |
| Supply voltage                                             |                                                                   |
| Type of supply voltage                                     | AC                                                                |
| permissible range, lower limit (AC)                        | 85 V                                                              |
| permissible range, upper limit (AC)                        | 264 V                                                             |
| Input current                                              |                                                                   |
| At 50 Hz AC, max.                                          | 6 A                                                               |
| At 60 Hz AC, max.                                          | 6 A                                                               |
| Output voltage                                             |                                                                   |
| Type of output voltage                                     | DC                                                                |
| permissible range, lower limit (DC)                        | 20.4 V                                                            |
| permissible range, upper limit (DC)                        | 28.8 V                                                            |
| Output current                                             |                                                                   |
| At DC, max.                                                | 5 A                                                               |
| Hardware configuration                                     |                                                                   |
| Slots                                                      |                                                                   |
| • Number of slots                                          | 1                                                                 |
| • Plug-in modules, analog I/O                              | No                                                                |
| • Plug-in modules, digital I/O                             | No                                                                |
| • Plug-in modules, function modules and technology modules | No                                                                |
| • Plug-in modules, communication modules                   | No                                                                |
| • Plug-in modules, CPUs                                    | No                                                                |
| • Plug-in modules, others                                  | Yes                                                               |
| Isolation                                                  |                                                                   |
| Isolation tested with                                      | 2500 V AC between control supply voltages and all output voltages |
| Standards, approvals, certificates                         |                                                                   |
| CE mark                                                    | CE 0344                                                           |
| UKCA mark                                                  | DEKRA 21UKEX0032 Importer UK: Siemens plc Manchester M20 2UR      |
| cULus                                                      | LISTED E334384                                                    |

|                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| FM approval                                                                                                                                                                                                                                                                                | CLASSIFIED 3025852                                                                                                                                                                                   |
| Suitable for safety functions                                                                                                                                                                                                                                                              | Yes                                                                                                                                                                                                  |
| INMETRO certificate                                                                                                                                                                                                                                                                        | UL-BR 12.0077                                                                                                                                                                                        |
| Use in hazardous areas                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• ATEX certificate</li> <li>• IECEx</li> <li>• CCC Ex</li> <li>• Explosion protection category for gas</li> <li>• Explosion protection category for dust</li> <li>• associated equipment (Ex ia)</li> <li>• associated equipment (Ex ib)</li> </ul> | KEMA 04 ATEX 2242<br>IECEx KEM 05.0003<br>2020322310002881<br>ATEX gas explosion protection, Zone 1<br>ATEX dust explosion protection, Zone 21 always install in corresponding enclosure<br>No<br>No |
| Marine approval                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• Germanischer Lloyd (GL)</li> <li>• American Bureau of Shipping (ABS)</li> <li>• Bureau Veritas (BV)</li> <li>• Det Norske Veritas (DNV)</li> </ul>                                                                                                | Yes<br>Yes<br>Yes<br>Yes                                                                                                                                                                             |
| Connection method                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                      |
| Terminals                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                      |
| <ul style="list-style-type: none"> <li>• Conductor cross-section, min.</li> <li>• Conductor cross-section, max.</li> </ul>                                                                                                                                                                 | 0.5 mm <sup>2</sup> ; note "Wiring rules for ET 200iSP"<br>4 mm <sup>2</sup>                                                                                                                         |
| Dimensions                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                      |
| Width                                                                                                                                                                                                                                                                                      | 60 mm                                                                                                                                                                                                |
| Height                                                                                                                                                                                                                                                                                     | 190 mm                                                                                                                                                                                               |
| Depth                                                                                                                                                                                                                                                                                      | 52 mm                                                                                                                                                                                                |
| Weights                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                      |
| Weight, approx.                                                                                                                                                                                                                                                                            | 230 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



[Miscellaneous](#)

[China RoHS](#)

[KC](#)



##### For use in hazardous locations



[FM](#)



[Miscellaneous](#)



For use in hazardous locations

[CCC-Ex](#)



[Miscellaneous](#)



Maritime application

Environment



last modified:

5/16/2025 