



Front connector (2 A) S7-300 Spring T

\*\*\*\*\* spare part \*\*\*\*\* front connector module with flat ribbon cable connection for 2 A digital output modules power supply via spring-loaded terminals

|  |  |
|--|--|
| target system  | SIMATIC S7-300   |
| suitability for use  | 2A Output module   |
| product type designation                                     | Fully modular connection   |
| product designation  | Front connector module   |
| <b>Operating data / header</b>                               |  |
| operating voltage / at DC                                    |  |
| • rated value  | 24 V   |
| • lue  | 60 V   |
| • maximum  | 60 V   |
| current / rated value  | 1 A  |
| continuous current / at DC / per plug-in contact / maximum   | 1 A  |
| total current / maximum                                      | 4 A  |
| operating temperature  | 0 ... 60 °C  |
| ambient temperature  |  |
| • during operation   | 0 ... 60 °C  |
| • during storage   | -40 ... +70 °C   |
| number of poles  | 20; of the front connector   |
| manufacturer's article number / of device connector / usable | replacement for S7-300 20 pole   |
| number of the plug contacts / of the electrical connection   | 1  |
| type of electrical connection / for connecting cable         | Plug-in connection   |
| number of poles / at the 1st interface                       | 16; the IDC connector for the connection cable   |
| position / of the terminal                                   | at the top   |
| type of electrical connection / for power supply             | Spring clamp   |
| number of terminals  | 4; 2 x 1 x L+, 2 x 1 x M   |
| width of screwdriver blade                                   | 3.5 mm   |
| product component / required / end cover plate               | No   |
| number of cables / per connection                            | 2; Connection for internal system: Combination of 1 or 2 Wires until the sum total of cross sections be achieved in a ferrule. |
| stripped length  | 6 mm   |
| type of connectable conductor cross-sections / solid         | No   |
| connectable conductor cross-section                          |  |
| • for flexible conductor / with core end processing          | 0.25 ... 1.5 mm <sup>2</sup> ; End sleeve according to DIN 46228 without plastic collar  |
| • stranded   | 0.25 ... 1.5 mm <sup>2</sup>   |
| • finely stranded / without core end processing              | 0.25 ... 1.5 mm <sup>2</sup>   |
| • finely stranded / with core end processing                 | 0.25 ... 1.5 mm <sup>2</sup>   |
| type of wire end sleeve                                      |  |
| • without plastic sleeve / according to DIN 46228-1          | Length 5mm to 7mm  |
| outer diameter / of the wire insulation                      | 3.1 mm; to the connection of the supply terminal   |
| wire length / maximum  | 30 m; between front connector module and terminal module   |

| General data / header                            |                 |
|--|-----------------|
| mounting type                                    | direct mounting |
| degree of pollution                              | 2               |
| overvoltage category                             | 2               |
| design tested acc. to type of protection / EEx e | No              |
| certificate of suitability / cULus approval      | Yes             |
| material / of the insulating body                | other           |
| color / of the enclosure                         | black           |
| product feature / transparent                    | No              |
| net weight                                       | 0.065 kg        |

**last modified:** 4/9/2025 