# SIEMENS

50IDC TERM. BL. TPA PUSH-IN TERM.S7-1500

Connection module TPA 3-tier for analog Modules of the SIMATIC S7-1500
Type: Push-in terminal without LED, VPE=1 unit 50 pole IDC connector for
cable

Figure similar

| | |
|---|---|
| target system | SIMATIC S7-1500 |
| suitability for use | Analog I/O modules |
| product type designation | Fully modular connection |
| product designation | Connection module |
| **Operating data / header** | |
| operating voltage | |
| ● at DC / rated value | 24 V |
| ● rated value | 50 V |
| ● at DC / maximum | 50 V |
| current / rated value | 1 A |
| continuous current / at DC / per signal cable / maximum | 1 A |
| operating temperature | 0 ... 60 °C |
| ambient temperature | |
| ● during operation | 0 ... 60 °C |
| ● during storage | -40 ... +70 °C |
| number of terminal levels | 1 |
| number of terminal points / per terminal level | 1 |
| number of terminals | 72; Intended for analog |
| type of connecting terminal | Push-In |
| type of electrical connection / for actuators and sensors | Push-In |
| position / of the terminal | Top |
| design of LED initiator/actuator terminal | Push-In |
| width of screwdriver blade | 3.5 mm |
| design of terminal / terminal levels internally linked | No |
| product component | |
| ● PE connection | No |
| ● shield connection | No |
| ● disconnector | No |
| ● required / end cover plate | No |
| product function / infeed function | Yes |
| product feature / cross-connectable | 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. |
| type of connectable conductor cross-sections / solid | No |
| connectable conductor cross-section | |
| ● for flexible conductor / with core end processing | 0.2 ... 2.5 mm²; End sleeve according to DIN 46228/1 or DIN 46228/4 with plastic collar |
| ● stranded | 0.2 ... 2.5 mm² |
| ● finely stranded / without core end processing | 0.2 ... 2.5 mm² |

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|---|---|
| • finely stranded / with core end processing | 0.2 ... 2.5 mm² |
| number of poles / at the 1st interface | 50; the IDC connector for the connection cable |
| type of electrical connection / for connecting cable | Plug-in connection |
| number of the plug contacts / of the electrical connection | 1 |
| wire length / maximum | 30 m; between front connector module and Connection module |
| **General data / header** | |
| mounting type | DIN rail 35 mm, DIN rail 15 mm |
| installation or assembly note | any |
| mounting position | any |
| degree of pollution | 2 |
| overvoltage category | 2 |
| combustibility class acc. to UL 94 | V1 |
| insulation material | other |
| design tested acc. to type of protection / EEx e | No |
| certificate of suitability / cULus approval | Yes |
| reference code / acc. to IEC 81346-2 | X |
| color | |
| • of the enclosure | grey |
| • of the light source | without |
| length | 76 mm |
| height / of the enclosure | 76 mm |
| width / of the enclosure | 130 mm |
| depth / of the enclosure | 60 mm |
| height / with lowest-profile installation | 60 mm |
| net weight | 0.27 kg |