

32K CONNECT. MOD. TP1 M-SIGNAL LED SCREW

Connection module TP1 M signal 32 channels a. 4x2 terminals f. Potential supply  
Type: Screw terminal with LED, VPE = 1 unit 50 pole IDC connector f. cable



Figure similar

|   |  |
|---|--|
| target system   | SIMATIC S7-1500  |
| suitability for use                                       | Digital I/O modules  |
| product type designation                                  | Fully modular connection   |
| product designation                                       | Connection module  |
| <b>Operating data / header</b>                            |  |
| operating voltage   |  |
| • at DC / rated value                                     | 24 V   |
| • rated value   | 24 V   |
| • at DC / maximum   | 28.8 V   |
| current / rated value                                     | 1 A  |
| continuous current / at DC / per signal cable / maximum   | 1 A  |
| total current / maximum                                   | 2 A  |
| operating temperature                                     | -30 ... +60 °C   |
| ambient temperature                                       |  |
| • during operation  | -30 ... +60 °C   |
| • during storage  | -40 ... +70 °C   |
| number of terminal levels                                 | 1  |
| number of terminal points / per terminal level            | 1  |
| number of terminals                                       | 40; 32 x I/O; 4 x L+, 4 x M  |
| type of connecting terminal                               | Screw-type terminal  |
| type of electrical connection / for actuators and sensors | Screw-type terminal  |
| position / of the terminal                                | Top  |
| design of LED initiator/actuator terminal                 | Screw-type terminal  |
| width of screwdriver blade                                | 3.5 mm   |
| tightening torque / with screw-type terminals             | 0.4 ... 0.5 N·m  |
| design of terminal / terminal levels internally linked    | No   |
| product component   |  |
| • PE connection   | No   |
| • shield connection                                       | No   |
| • disconnecter  | 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       | 0.5 ... 2.5 mm <sup>2</sup> ; End sleeve according to DIN 46228/1  |
| • stranded  | 0.5 ... 2.5 mm <sup>2</sup>  |

|  |  |
|--|--|
| • finely stranded / with core end processing               | 0.5 ... 2.5 mm <sup>2</sup>                                |
| 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 |
| <b>General data / header</b>                               |  |
| 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 according 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 / according to IEC 81346-2                  | XG   |
| color  |  |
| • of the enclosure   | grey   |
| • of the light source                                      | without  |
| length   | 76 mm  |
| height / of the enclosure                                  | 76 mm  |
| width / of the enclosure                                   | 100 mm   |
| depth / of the enclosure                                   | 60 mm  |
| height / with lowest-profile installation                  | 60 mm  |
| net weight   | 0.31 kg  |

