

Overview

Product information



## DS2.5/1P-PE-11040000241

Plug-in terminal blocks, connector method: Push-in connector, Number of connectors: 2, Number of potentials: 1, Cross section: 0.2 mm<sup>2</sup> - 4 mm<sup>2</sup>, AWG:
26 - 12, Width: 5.2 mm, Color: green-yellow, Mounting type: NS35/7.5, NS35/15

Product advantages

☑ Push-in connection technology, tool-free operation, more convenient and faster;

☑ Plug-in pluggable wiring system, which can be quickly installed and disassembled to realize modularization of circuit connection.

☑ Mis-plug-proof structure design, with DS-PC to prevent misconnection.

With orange snaps, the plug can be fixed on the base.

☑The plug can be flexibly assembled according to requirements.

 $\ensuremath{\boxtimes}\xspace$  Equipped with test holes for easy testing of the circuit.

Product certification

CE

| Technical data            |   |
|---------------------------|---|
| Product drawing           |   |
| 3D model                  |   |
| 0                         |   |
| IEC Electrical parameters |   |
| Rated voltage (III / 3)   | 1 |
| Rated current (III / 3)   | 1 |
| UL Electrical parameters  |   |
| Rated voltage             | 1 |
| Rated current             | 1 |
| Wiring data               |   |
|                           |   |

| Conductor cross section flexible (ferrule without plastic sleeve) | 0.14-2.5mm <sup>2</sup>                       |  |
|---|---|--|
| Conductor cross section flexible (ferrule with plastic sleeve)    | 0.14-2.5mm <sup>2</sup>                       |  |
| 2 flexible conductors with a TWIN ferrule                         | 0.5mm²  |  |
| Strip length  | 10~12mm                                       |  |
| Conductor cross section solid                                     | 0.14~4mm²                                     |  |
| Conductor cross section flexible                                  | 0.14~2.5 mm <sup>2</sup>                      |  |
| Conductor cross section solid AWG                                 | 26~12   |  |
| Environmental conditions  |   |  |
| Ambient temperature (storage / transport)                         | -25℃~60℃                                      |  |
| Ambient temperature (operation)                                   | -40 °C ~ 105 °C (depending on derating curve) |  |
| Relative humidity (storage/transport)                             | 25%~75%                                       |  |
| IEC Electrical parameters   |   |  |
| Rated surge voltage   | 6KV   |  |
| Safety test   |   |  |
| Anti-finger touch   | Passed the test                               |  |
| Mechanical performance test                                       |   |  |
| Mechanical strength   | Passed the test                               |  |
| Fixing support  | Passed the test                               |  |
| Rotational Pull Test  | Passed the test                               |  |
| Environmental protection  |   |  |
| REACh SVHC  | Lead 7439-92-1                                |  |
| RoHS  | No excessive harmful substances               |  |
| Electrical performance test                                       |   |  |
| Voltage drop  | ≤3.2mV  |  |
|   |   |  |

| Temperature rise test                     | ≤45 K              |  |
|---|--------------------|--|
| mension                                   |                    |  |
| Height                                    | 29.3mm             |  |
| NS 35/7,5 Height                          | 36.8mm             |  |
| End plate width                           | 1.5mm              |  |
| NS 35/15 Height                           | 44.3mm             |  |
| length                                    | 48.6mm             |  |
| width                                     | 5.2mm              |  |
| verview                                   |                    |  |
| Insulating material group                 | 1                  |  |
| standard test                             | IEC60947-7-2       |  |
| Connection type                           | In line connection |  |
| Number of rows                            | 1                  |  |
| number of connections                     | 2                  |  |
| Open-end side panels                      | Yes                |  |
| Insulation Materials                      | РА                 |  |
| Flame retardant grade, in line with UL 94 | VO                 |  |

| Accessories   |                        |  |
|---|------------------------|--|
| Marker  |                        |  |
| Top marker  | ZB5 / ZS5              |  |
| Side marker   | ZSF5                   |  |
| Marker support  | DTH5-25x5 / DTH5-25x12 |  |
| Accessories   |                        |  |
| Slotted screwdriver size (Blade thickness x Width) mm | 0.6x3.5                |  |
|   |                        |  |

| Bridge                        | 1                                     |  |
|-------------------------------|---------------------------------------|--|
| End cover                     | D-DS2.5                               |  |
| Plug                          | DSP2.5-H                              |  |
| Coding star                   | DS-PC                                 |  |
| Latching                      | DSR1.5 / DSR2.5                       |  |
| Installation                  |                                       |  |
| End clamp                     | E-WS N / E-PC-1100A                   |  |
| Terminal strip marker support | KLM3-20x8 / KLM3-44x8 / DBE-1 / DBE-2 |  |
| DIN rail                      | NS35/7.5-1000-00A(H)                  |  |

| Business data                       |             |  |
|-------------------------------------|-------------|--|
| Order number                        | 11040000241 |  |
| Packing unit                        | 100         |  |
| Minimum order quantity              | 100         |  |
| Products weight (without packaging) | 6.54        |  |