




**3214479 PTS 1,5/S/1P-PE** 

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Technical data

**General** 

|   |              |
|---|--------------|
| Number of levels                        | 1            |
| Number of connections                   | 2            |
| Color                                   | green-yellow |
| Insulating material                     | PA           |
| Inflammability class according to UL 94 | V0           |

**Dimensions** 

|                  |         |
|------------------|---------|
| Width            | 3.5 mm  |
| Length           | 50.7 mm |
| Height           | 37 mm   |
| Height NS 35/7,5 | 38.5 mm |
| Height NS 35/15  | 46 mm   |

**Technical data** 

|  |           |
|--|-----------|
| Rated surge voltage                    | 6 kV      |
| Pollution degree                       | 3         |
| Surge voltage category                 | III       |
| Insulating material group              | I         |
| Connection in acc. with standard       | IEC 61984 |
| Open side panel                        | ja        |
| Number of positions                    | 1         |
| Insertion/withdrawal cycles mechanical | 100       |

|   |  |
|---|--|
| Test specification, oscillation, broadband noise                      | DIN EN 50155 (VDE 0115-200):2008-03                    |
| Test spectrum   | Service life test category 1, class B, on vehicle body |
| Test frequency  | $f_1 = 5 \text{ Hz}$ to $f_2 = 150 \text{ Hz}$         |
| ASD level   | $1.857 \text{ (m/s}^2\text{)}^2/\text{Hz}$             |
| Acceleration  | 0.8 g  |
| Test duration per axis  | 5 h  |
| Test directions   | X-, Y- and Z-axis                                      |
| Oscillation, broadband noise test result                              | Test passed  |
| Test specification, shock test  | DIN EN 50155 (VDE 0115-200):2008-03                    |
| Shock form  | Half-sine  |
| Acceleration  | 5 g  |
| Shock duration  | 30 ms  |
| Number of shocks per direction  | 3  |
| Test directions   | X-, Y- and Z-axis (pos. and neg.)                      |
| Shock test result   | Test passed  |
| Temperature index, insulating material (DIN EN 60216-1 (VDE 0304-21)) | 130 °C   |
| Static insulating material application in cold                        | -60 °C   |

## Connection data

|  |                           |
|--|---------------------------|
| Conductor cross section solid min.   | 0.14 mm <sup>2</sup>      |
| Conductor cross section solid max.   | 1.5 mm <sup>2</sup>       |
| Conductor cross section AWG/kcmil min.                                     | 26                        |
| Conductor cross section AWG/kcmil max.                                     | 14                        |
| Conductor cross section stranded min.                                      | 0.14 mm <sup>2</sup>      |
| Conductor cross section stranded max.                                      | 1.5 mm <sup>2</sup>       |
| Min. AWG conductor cross section, stranded                                 | 26                        |
| Max. AWG conductor cross section, stranded                                 | 14                        |
| Conductor cross section stranded, with ferrule without plastic sleeve min. | 0.14 mm <sup>2</sup>      |
| Conductor cross section stranded, with ferrule without plastic sleeve max. | 1.5 mm <sup>2</sup>       |
| Conductor cross section stranded, with ferrule with plastic sleeve min.    | 0.14 mm <sup>2</sup>      |
| Conductor cross section stranded, with ferrule with plastic sleeve max.    | 1 mm <sup>2</sup>         |
| Connection method  | Push-in / plug connection |
| Stripping length   | 8 mm                      |
| Internal cylindrical gage  | A1 / B1                   |