

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://phoenixcontact.com/download)

Plug component, Nominal current: 14 A, Rated voltage (III/2): 320 V, Number of positions: 12, Pitch: 5 mm, Connection method: Screw connection, Color: green, Contact surface: Tin



The figure shows a 10-position version of the product



## Key commercial data

Packing unit	1 pc
Minimum order quantity	50 pc
Weight per Piece (excluding packing)	20.77 GRM
Custom tariff number	85366990
Country of origin	Germany

## Technical data

#### Dimensions

Pitch	5 mm
Dimension a	55 mm

General

Range of articles	PT 2,5/PVH
Insulating material group	1
Rated surge voltage (III/3)	4 kV
Rated surge voltage (III/2)	4 kV
Rated surge voltage (II/2)	4 kV
Rated voltage (III/3)	250 V
Rated voltage (III/2)	320 V
Rated voltage (II/2)	630 V
Connection in acc. with standard	EN-VDE
Nominal current I <sub>N</sub>	13.5 A

09/22/2014 Page 1 / 4



## Technical data

### General

Maximum load current     13.5 A       Insulating material     PA       Instantability class according to UL 94     V0       Internal cylindical gage     A3 / B3       Stripping length     8 mm       Number of positions     12       Screw thread     M3       Differing torque, min     0.45 Nm       Conductor cross section solid min.     0.5 Nm²       Conductor cross section solid min.     0.5 mm²       Conductor cross section solid max.     4 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded with ferule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded min.     0.5 mm²       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with sa		
Instalating material     PA       Inflammability class according to UL 94     V0       Internal cylindrical gage     A3 / B3       Stripping length     8 mm       Number of positions     12       Screw thread     M3       Tightening torque, min     0.45 Nm       Conductor cross section solid min.     0.5 Nm       Conductor cross section solid max.     4 mm²       Conductor cross section solid max.     0.5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded, with ferrule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferrule without plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section AWG/kcmil max     12       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with s	Nominal cross section	2.5 mm <sup>2</sup>
Inflammability class according to UL 94 V0   Internal cylindrical gage A3 / B3   Stripping length 8 mm   Number of positions 12   Screw thread M3   Tightening torque, min 0.45 Nm   Outper of positions 0.5 Nm   Conductor cross section solid min. 0.5 mm²   Conductor cross section solid max. 4 mm²   Conductor cross section solid max. 4 mm²   Conductor cross section stranded min. 0.5 mm²   Conductor cross section stranded min. 0.5 mm²   Conductor cross section stranded, with ferule without plastic sleeve min. 0.5 mm²   Conductor cross section stranded, with prule without plastic sleeve max. 2.5 mm²   Conductor cross section stranded, with ferule with plastic sleeve max. 2.5 mm²   Conductor cross section stranded, with ferule with plastic sleeve max. 2.5 mm²   Conductor cross section AWG/kcmil max. 1.5 mm²   2 conductors with same cross section, stranded min. 0.5 mm²   2 conductors with same cross section, stranded min. 0.5 mm²   2 conductors with same cross section, stranded min. 0.5 mm²   2 conductors with same cross section, stranded min. 0.5 mm²   2 conductors with same cross section, stranded min. 0.5 mm²   2 conductors with same cross section, stranded	Maximum load current	13.5 A
Internal cylindrical gage     A3 / B3       Stripping length     8 mm       Number of positions     12       Screw thread     M3       Tightening torque, min     0.45 Nm       Tightening torque max     0.5 Nm       Conductor cross section solid min.     0.5 mm²       Conductor cross section solid max.     4 mm²       Conductor cross section solid max.     5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded max.     4 mm³       Conductor cross section stranded, with ferule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferule without plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section AWG/kcmil max     12       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with same cross section, stranded, ferrules without plastic     0.5 mm² When using ferrules, 250	Insulating material	РА
Stripping length     8 mm       Number of positions     12       Screw thread     M3       Tightening torque, min     0.45 Nm       Connection data     0.5 Nm       Conductor cross section solid min.     0.5 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded, with ferrule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferrule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, min.     20       Conductor sciss section AWG/kcmil max     12       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with same cross section, stranded ferrules without plastic sleeve min.     0.5 mm² When using ferrules, 250 V are only achieved in combination with surg	Inflammability class according to UL 94	V0
Number of positions     12       Screw thread     M3       Tightening torque, min     0.45 Nm       Tightening torque max     0.5 Nm       Connection data     0.5 nm²       Conductor cross section solid max.     4 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded max.     4 mm²       Conductor cross section stranded, with ferrule without plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²       Conductor cross section MWG/kcmil max     12       2 conductors with same cross section, solid min.     0.5 mm²       2 conductors with same cross section, stranded max.     1.5 mm²       2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.     0.5 mm²       2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.     0.5 mm²       2 conductors with same cross section, str	Internal cylindrical gage	A3 / B3
Screw thread     M3       Tightening torque, min     0.45 Nm       Tightening torque max     0.5 Nm       Connection data     0.5 Nm <sup>2</sup> Conductor cross section solid min.     0.5 mm <sup>2</sup> Conductor cross section stranded min.     0.5 mm <sup>2</sup> Conductor cross section stranded min.     0.5 mm <sup>2</sup> Conductor cross section stranded max.     4 mm <sup>2</sup> Conductor cross section stranded, with ferrule without plastic sleeve min.     0.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule without plastic sleeve max.     2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm <sup>2</sup> Conductor with same cross section, solid max.     12       2 conductors with same cross section, stranded max.     1.5 mm <sup>2</sup> 2 conductors with same cross section, stranded max.     1.5 mm <sup>2</sup> 2 conductors with same cross section, stranded, ferules without plastic sleeve, max.     0.5 mm <sup>3</sup> When using ferrules, 250 V are only achieved in co	Stripping length	8 mm
Tightening torque, min     0.45 Nm       Tightening torque max     0.5 Nm       Connection data     0.5 mm²       Conductor cross section solid max.     4 mm²       Conductor cross section stranded min.     0.5 mm²       Conductor cross section stranded max.     4 mm²       Conductor cross section stranded max.     5 mm²       Conductor cross section stranded, with ferule without plastic sleeve min.     0.5 mm²       Conductor cross section stranded, with ferule without plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section stranded, with ferule with plastic sleeve max.     2.5 mm²       Conductor cross section AWG/kcmil max     12       2 conductors with same cross section, solid min.     0.5 mm²       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded min.     0.5 mm²       2 conductors with same cross section, stranded, ferules without plastic sleeve, max.     1.5 mm²       2 conductors with same cross section, stranded, ferules w	Number of positions	12
0.5 Nm     Connection data     Conductor cross section solid min.     Conductor cross section solid max.     4 mm²     Conductor cross section stranded min.     Conductor cross section stranded max.     4 mm²     Conductor cross section stranded max.     4 mm²     Conductor cross section stranded max.     4 mm²     Conductor cross section stranded, with ferrule without plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     Conductor cross section stranded, with ferrule with plastic sleeve max.     2.5 mm²     Conductor cross section stranded max.     12     2 conductors with same cross section, solid max.     1.5 mm²     2 conductors with same cross section, stranded max.     2.5 mm² When using ferrules, 250 V are only achieved in combination with same cross section, stranded, ferrules without plast	Screw thread	M3
Connection data     Conductor cross section solid min.   0.5 mm <sup>2</sup> Conductor cross section solid max.   4 mm <sup>2</sup> Conductor cross section stranded min.   0.5 mm <sup>2</sup> Conductor cross section stranded max.   4 mm <sup>2</sup> Conductor cross section stranded max.   4 mm <sup>2</sup> Conductor cross section stranded max.   4 mm <sup>2</sup> Conductor cross section stranded, with ferrule without plastic sleeve min.   0.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.   2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.   2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.   2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.   2.5 mm <sup>2</sup> Conductor cross section stranded, with ferrule with plastic sleeve max.   2.5 mm <sup>2</sup> Conductor cross section AWG/kcmil max   12     2 conductors with same cross section, stranded min.   0.5 mm <sup>2</sup> 2 conductors with same cross section, stranded max.   1.5 mm <sup>2</sup> 2 conductors with same cross section, stranded max.   1.5 mm <sup>2</sup> 2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   0.5 mm <sup>2</sup> When using ferrules, 250 V are only achieved in combination with sarge vol	Tightening torque, min	0.45 Nm
Conductor cross section solid min.0.5 mm²Conductor cross section solid max.4 mm²Conductor cross section stranded min.0.5 mm²Conductor cross section stranded max.4 mm²Conductor cross section stranded max.4 mm²Conductor cross section stranded, with ferrule without plastic sleeve max.0.5 mm²Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination wit	Tightening torque max	0.5 Nm
Conductor cross section solid max.4 mm²Conductor cross section stranded min.0.5 mm²Conductor cross section stranded max.4 mm²Conductor cross section stranded, with ferrule without plastic sleeve min.0.5 mm²Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.0.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules with plastic0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, strande	Connection data	
Conductor cross section stranded min.0.5 mm2Conductor cross section stranded max.4 mm2Conductor cross section stranded, with ferrule without plastic sleeve min.0.5 mm2Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm2Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm2Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm2Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm2Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm2Conductor cross section stranded min.20Conductors with same cross section, solid max.1.22 conductors with same cross section, stranded min.0.5 mm22 conductors with same cross section, stranded max.1.5 mm22 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm2 When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm2 When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm2 When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm2 When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with	Conductor cross section solid min.	0.5 mm²
Conductor cross section stranded max.4 mm²Conductor cross section stranded, with ferrule without plastic sleeve main.0.5 mm²Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.0.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are	Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule without plastic sleeve max.0.5 mm²Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2. <td>Conductor cross section stranded min.</td> <td>0.5 mm²</td>	Conductor cross section stranded min.	0.5 mm²
Conductor cross section stranded, with ferrule without plastic sleeve max.2.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.0.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pol	Conductor cross section stranded max.	4 mm <sup>2</sup>
Conductor cross section stranded, with ferrule with plastic sleeve min.0.5 mm²Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.<	Conductor cross section stranded, with ferrule without plastic sleeve min.	0.5 mm²
Conductor cross section stranded, with ferrule with plastic sleeve max.2.5 mm²Conductor cross section AWG/kcmil max20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules with plastic sleeve, max.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with sur	Conductor cross section stranded, with ferrule without plastic sleeve max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.20Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When	Conductor cross section stranded, with ferrule with plastic sleeve min.	0.5 mm²
Conductor cross section AWG/kcmil max122 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.0.5 mm²2 conductors with same cross section, stranded max.0.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same c	Conductor cross section stranded, with ferrule with plastic sleeve max.	2.5 mm <sup>2</sup>
2 conductors with same cross section, solid min.0.5 mm²2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.2.63 conductors with same cross section, stranded, TWIN fer	Conductor cross section AWG/kcmil min.	20
2 conductors with same cross section, solid max.1.5 mm²2 conductors with same cross section, stranded min.0.5 mm²2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded max.0.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors wit	Conductor cross section AWG/kcmil max	12
2 conductors with same cross section, stranded min.   0.5 mm²     2 conductors with same cross section, stranded max.   1.5 mm²     2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.   0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.   0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.   0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conduc	2 conductors with same cross section, solid min.	0.5 mm <sup>2</sup>
2 conductors with same cross section, stranded max.1.5 mm²2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with according to UL/CUL26	2 conductors with same cross section, solid max.	1.5 mm <sup>2</sup>
2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.2.64 minimum AWG according to UL/CUL26	2 conductors with same cross section, stranded min.	0.5 mm <sup>2</sup>
sleeve, min.   surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.   0.75 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.   0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 minimum AWG according to UL/CUL   26	2 conductors with same cross section, stranded max.	1.5 mm <sup>2</sup>
sleeve, max.   with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.   0.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     Minimum AWG according to UL/CUL   26	2 conductors with same cross section, stranded, ferrules without plastic sleeve, min.	0.5 mm <sup>2</sup> When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
sleeve, min.   surge voltage category/pollution degree II/2.     2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.   1.5 mm² When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.     Minimum AWG according to UL/CUL   26	2 conductors with same cross section, stranded, ferrules without plastic sleeve, max.	
sleeve, max. surge voltage category/pollution degree II/2.   Minimum AWG according to UL/CUL 26	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, min.	0.5 mm <sup>2</sup> When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, max.	1.5 mm <sup>2</sup> When using ferrules, 250 V are only achieved in combination with surge voltage category/pollution degree II/2.
Maximum AWG according to UL/CUL 12	Minimum AWG according to UL/CUL	26
	Maximum AWG according to UL/CUL	12



## Classifications

### eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27141109
eCl@ss 5.0	27141190
eCl@ss 5.1	27141190
eCl@ss 6.0	27261101
eCl@ss 7.0	27440401
eCl@ss 8.0	27440402

### ETIM

ETIM 3.0	EC001121
ETIM 4.0	EC002638
ETIM 5.0	EC002638

## UNSPSC

UNSPSC 6.01	30211801
UNSPSC 7.0901	39121432
UNSPSC 11	34131203
UNSPSC 12.01	39121432
UNSPSC 13.2	39121432

## Approvals

#### Approvals

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

#### Approvals submitted

Approval details



## Approvals

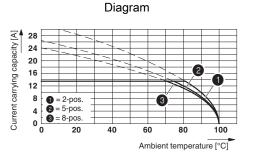
Γ

	В	D
mm²/AWG/kcmil	26-12	26-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

	В	D
mm²/AWG/kcmil	26-12	26-12
Nominal current IN	10 A	10 A
Nominal voltage UN	300 V	300 V

# cULus Recognized

### Drawings



Derating diagram in connection with PST 1,3...-LH-5,0 pin strip; reduction factor=0.8; conductor cross section=4  $\rm mm^2$ 

Phoenix Contact 2014 © - all rights reserved http://www.phoenixcontact.com

#### Dimensioned drawing

