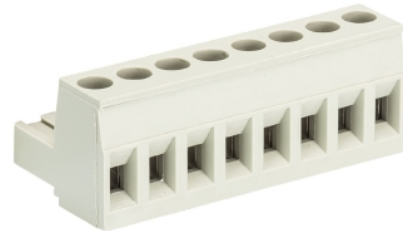


## Data sheet

Commercial Art.No.: 25.320.4253.0

PCB connector 8113 B / 12 OB

PCB female connector with screw connection with rising cage clamp system, 12 poles, max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



|                    |               |
|--------------------|---------------|
| Commercial Art.No. | 25.320.4253.0 |
| EAN                | 4015573181991 |
| Order Unit         | 50            |

Certificates / Approvals



## Technical data

### General

|                                    |                  |
|------------------------------------|------------------|
| Modular spacing                    | 5 mm             |
| Connection type                    | screw connection |
| Soldering process                  | None             |
| Packaging                          | Carton           |
| Number of poles                    | 12               |
| Marking                            | No               |
| Fastening                          | None             |
| Mating direction towards connector | 180°             |

### Technical data

|                          |                     |
|--------------------------|---------------------|
| Nominal cross section    | 2.5 mm <sup>2</sup> |
| Rated current            | 12 A                |
| Overvoltage Category I   | 1000 V              |
| Overvoltage Category II  | 400 V               |
| Overvoltage Category III | 250 V               |
| Rated impulse voltage    | 4 kV                |
| Wire strip length        | 6 mm                |

### Connection Data

|                                     |                      |
|-------------------------------------|----------------------|
| Minimum cross section solid         | 0.14 mm <sup>2</sup> |
| Maximum cross section solid         | 2.5 mm <sup>2</sup>  |
| Minimum cross section fine stranded | 0.14 mm <sup>2</sup> |
| Maximum cross section fine stranded | 2.5 mm <sup>2</sup>  |
| Wire strip length                   | 6 mm                 |

### Technical Data UL/CSA

|                  |           |
|------------------|-----------|
| Cross section UL | 22-12 AWG |
|------------------|-----------|

|                        |           |
|------------------------|-----------|
| Voltage UL             | 300 V     |
| Current field wiring   | 15 A      |
| Current factory wiring | 15 A      |
| Cross section CSA      | 22-12 AWG |
| Voltage CSA            | 300 V     |
| Current CSA            | 15 A      |

#### Other

|                             |               |
|-----------------------------|---------------|
| Type of insulation material | Thermoplastic |
| Color                       | Grey          |
| Height                      | 15 mm         |
| Length                      | 60 mm         |
| Depth                       | 18.2 mm       |
| Material attachment screw   | CuSn/Steel    |
| Material contact base       | CuSn          |
| Material contact surface    | Sn            |

#### Classification

|            |          |
|------------|----------|
| ECLASS 11  |          |
| ECLASS 8.1 | 27440402 |
| ETIM 7.0   | EC002637 |
| ETIM 6.0   | EC002637 |
| ETIM 5.0   | EC002637 |
| ETIM 4.0   | EC002637 |

#### Product compliance

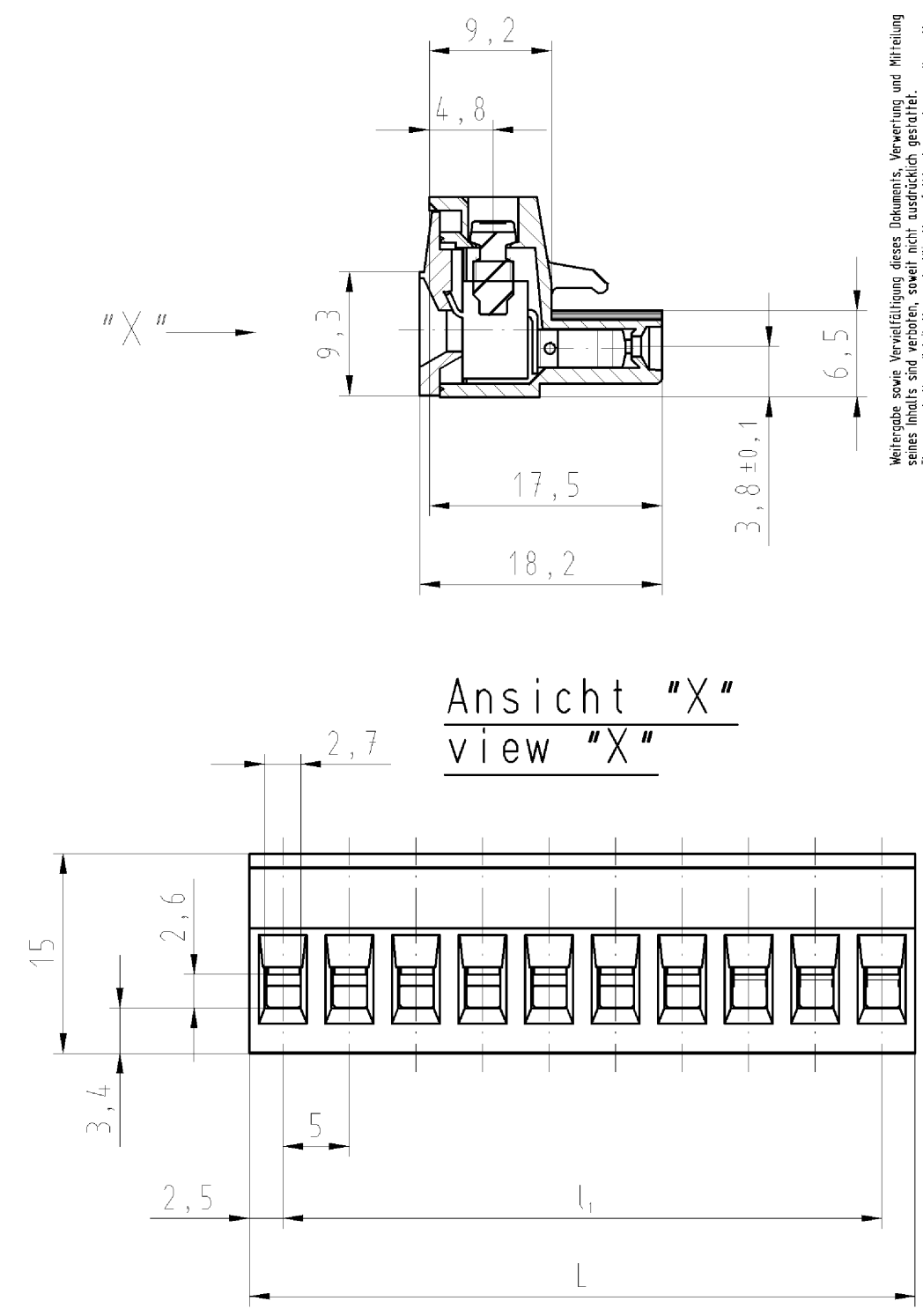
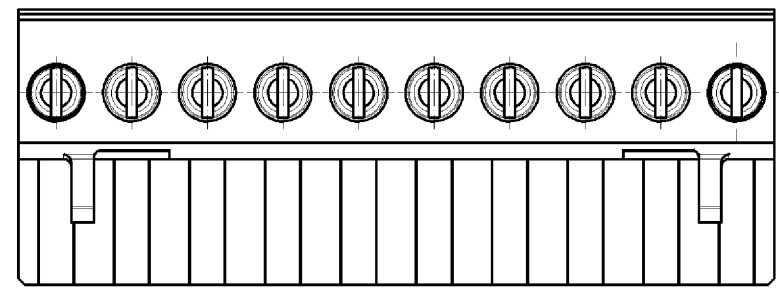
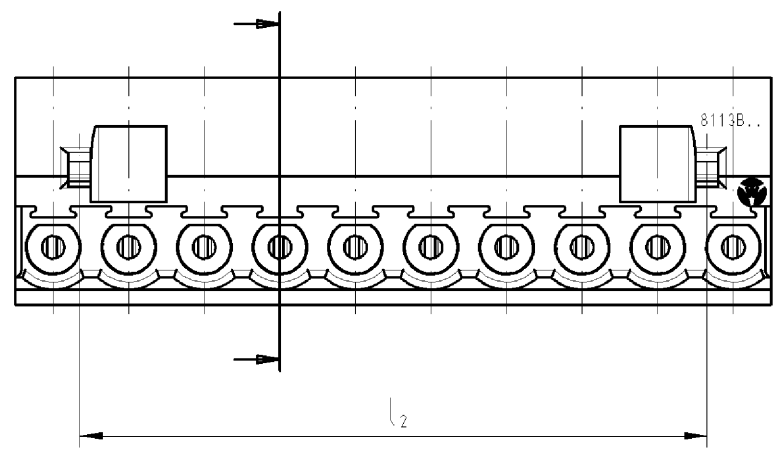
|                              |                    |
|------------------------------|--------------------|
| ROHS conformity status       | Compliant/Exempted |
| ROHS exceptions              | III-6(c)           |
| REACH-SVHC conformity status | Duty-To-Declare    |
| REACH-SVHC substances        | Lead               |
| REACH-SVHC CAS numbers       | 7439-92-1          |

#### Fits with

| Commercial Art.No.: | Article-type description:              | Description:  |
|---------------------|--|---|
| 25.332.4253.0       | PCB pin header 8113 S / 12 W OB        | PCB pin header, connection method depends on used socket part , 12 poles, pitch: 5 mm, type of packing: carton, color: grey |
| 99.212.9996.0       | PCB pin header 8113 S / 12 G OB OF     | PCB pin header, connection method depends on used socket part , 12 poles, pitch: 5 mm, type of packing: carton, color: grey |
| 25.330.4253.0       | PCB pin header 8113 S / 12 G OB        | PCB pin header, connection method depends on used socket part , 12 poles, pitch: 5 mm, type of packing: carton, color: grey |
| 25.394.4253.0       | PCB pin header 8113 S / 12 S OB        | PCB pin header, connection method depends on used socket part , 12 poles, pitch: 5 mm, type of packing: carton, color: grey |
| 99.272.9996.0       | PCB pin header 8113 S / 12 W OB OF     | PCB pin header, connection method depends on used socket part , 12 poles, pitch: 5 mm, type of packing: carton, color: grey |
| 27.336.1253.0       | PCB pin header 8113 SEG / 12 / 24 W OB | PCB pin header, 12 poles, pitch: 5 mm, type of packing: carton, color: grey   |

These dimensions will be especially checked at delivery  
 Only inspection dimensions  
 With ±E marked dimensions are only valid for internal use

Diese Maße werden bei Abnahme besonders geprüft  
 Ausschließlich Prüfmaße  
 Mit ±E gekennzeichnete Maße sind nur für interne Zwecke gültig



Ansicht "X"  
 view "X"

gezeichnete Ausführung  
 10-polig  
 drawn version  
 10poles

Weitere Daten siehe Katalog  
 further data see catalog

| Artikel-Nr.<br>part-no. | Pol-Z.<br>pole | L   | l <sub>1</sub> | l <sub>2</sub> | Typ<br>type    |
|-------------------------|----------------|-----|----------------|----------------|----------------|
| 25.320.3253.F           | 2              | 10  | 5              | -              | 8113 B / 2 OB  |
| 25.320.3353.F           | 3              | 15  | 10             | 6,5            | 8113 B / 3 OB  |
| 25.320.3453.F           | 4              | 20  | 15             | 11,5           | 8113 B / 4 OB  |
| 25.320.3553.F           | 5              | 25  | 20             | 16,5           | 8113 B / 5 OB  |
| 25.320.3653.F           | 6              | 30  | 25             | 21,5           | 8113 B / 6 OB  |
| 25.320.3753.F           | 7              | 35  | 30             | 26,5           | 8113 B / 7 OB  |
| 25.320.3853.F           | 8              | 40  | 35             | 31,5           | 8113 B / 8 OB  |
| 25.320.3953.F           | 9              | 45  | 40             | 36,5           | 8113 B / 9 OB  |
| 25.320.4053.F           | 10             | 50  | 45             | 41,5           | 8113 B / 10 OB |
| 25.320.4153.F           | 11             | 55  | 50             | 46,5           | 8113 B / 11 OB |
| 25.320.4253.F           | 12             | 60  | 55             | 51,5           | 8113 B / 12 OB |
| 25.320.4353.F           | 13             | 65  | 60             | 56,5           | 8113 B / 13 OB |
| 25.320.4453.F           | 14             | 70  | 65             | 61,5           | 8113 B / 14 OB |
| 25.320.4553.F           | 15             | 75  | 70             | 66,5           | 8113 B / 15 OB |
| 25.320.4653.F           | 16             | 80  | 75             | 71,5           | 8113 B / 16 OB |
| 25.320.4753.F           | 17             | 85  | 80             | 76,5           | 8113 B / 17 OB |
| 25.320.4853.F           | 18             | 90  | 85             | 81,5           | 8113 B / 18 OB |
| 25.320.4953.F           | 19             | 95  | 90             | 86,5           | 8113 B / 19 OB |
| 25.320.5053.F           | 20             | 100 | 95             | 91,5           | 8113 B / 20 OB |
| 25.320.5153.F           | 21             | 105 | 100            | 96,5           | 8113 B / 21 OB |
| 25.320.5253.F           | 22             | 110 | 105            | 101,5          | 8113 B / 22 OB |
| 25.320.5353.F           | 23             | 115 | 110            | 106,5          | 8113 B / 23 OB |
| 25.320.5453.F           | 24             | 120 | 115            | 111,5          | 8113 B / 24 OB |

|               |    |
|---------------|----|
| Farbe/ colour | .F |
| grau / grey   | .0 |
| schwarz/black | .1 |
| grün / green  | .7 |

|   |  |   |  |
|---|--|---|--|
| Zulässige Abweichungen nach DIN 7167/Permissible deviations acc. to DIN 7167.<br>(This DIN-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances). |  | ja/yes <input checked="" type="checkbox"/> Stoffverbots- und Deklarationsliste nach UU-TQM-05/03 ist einzuhalten.<br>Conformity with Wieland document UU-TQM-05/03 (list of prohibited / declarable hazardous substances) to be declared! |  |
| Freitoleranz nach<br>General tolerance  |  | CAD - Zeichnung, keine manuellen Änderungen<br>CAD - drawing, no manual modifications allowed   |  |
| 1. Verwendung:<br>First Use:  |  | Blatt: 1 von 1<br>Sheet: of 1   |  |
| Werkstoff/Material  |  | Zeichnung Nr./Drawing No.   |  |
| 2005 Tag/Date   |  | Name  |  |
| gezeichnet<br>drawn   |  | 27.07. Schmitt J.   |  |
| geprüft<br>checked  |  |   |  |
| Nicht gepr.<br>Not check  |  |   |  |
| Maßstab/Scale   |  | T 25.320.3253.0 01K   |  |
| 2:1   |  | Index   |  |
| Vol. mm <sup>3</sup> Öl./Surf. mm <sup>2</sup>  |  | Maße in mm/Dimensions are in mm   |  |
| Ersatz für/Replacement for: -   |  | Benennung/Title   |  |
| Type  |  | LP_STECKKLEMME  |  |
| Ind. Datum / Blatt<br>Date / Sheet  |  | indirekt steckbar, Schraubausführung Rastmass 5<br>Pluggable PCB terminal rising cage clamp, pitch 5  |  |
| Änderung/Revision   |  | Elektrische Verbindungen  |  |

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