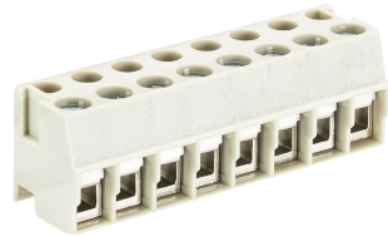


## Data sheet

Commercial Art.No.: 25.600.3253.0

Pluggable PCB Terminal 8142 / 12

Pluggable-PCB terminal with screw connection with wire protection, 12 poles, printed version, max. cross section: 2.5 mm<sup>2</sup>, pitch: 5 mm, type of packing: carton, color: grey



Certificates / Approvals



## Technical data

### General

|                                    |                  |
|------------------------------------|------------------|
| Modular spacing                    | 5 mm             |
| Connection type                    | Screw connection |
| Soldering process                  | None             |
| Packaging                          | Carton           |
| Number of poles                    | 12               |
| Marking                            | Yes              |
| Mating direction towards connector | 90°              |

### Technical data

|                          |                     |
|--------------------------|---------------------|
| Nominal cross section    | 2.5 mm <sup>2</sup> |
| Rated current            | 8 A                 |
| Overvoltage Category I   | 1000 V              |
| Overvoltage Category II  | 250 V               |
| Overvoltage Category III | 200                 |
| Rated impulse voltage    | 4 kV                |
| Wire strip length        | 5 mm                |

### Connection Data

|                                     |                      |
|-------------------------------------|----------------------|
| Minimum cross section solid         | 0.14 mm <sup>2</sup> |
| Maximum cross section solid         | 4 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                   | 5 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                      | 13 mm         |
| Length                      | 60 mm         |
| Depth                       | 11.5 mm       |
| Material attachment screw   | Steel         |
| Material contact base       | CuSn          |
| Material contact surface    | Sn            |

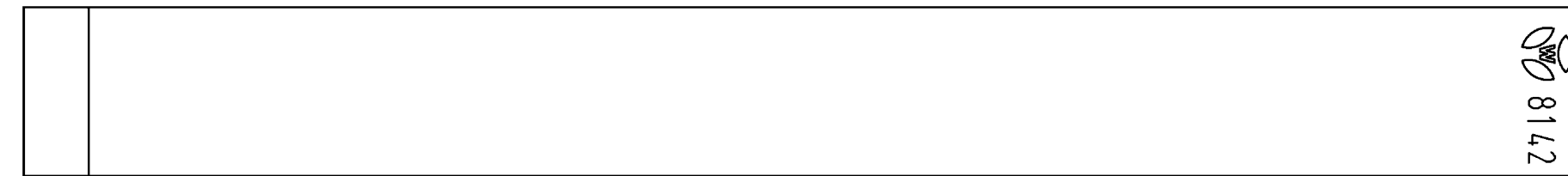
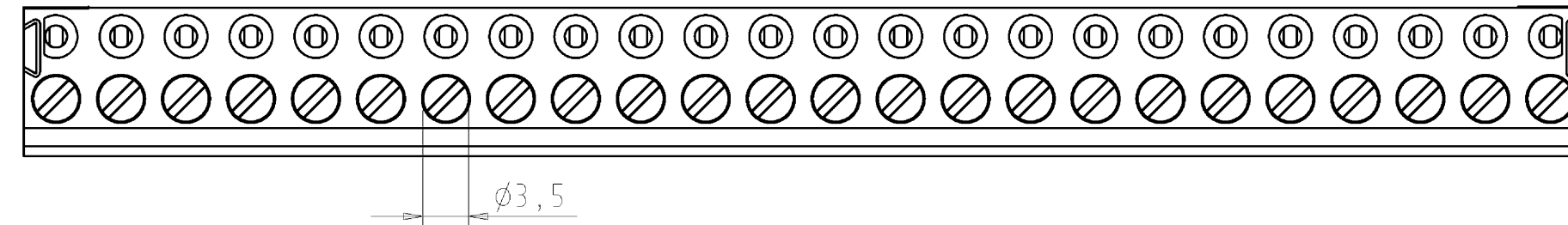
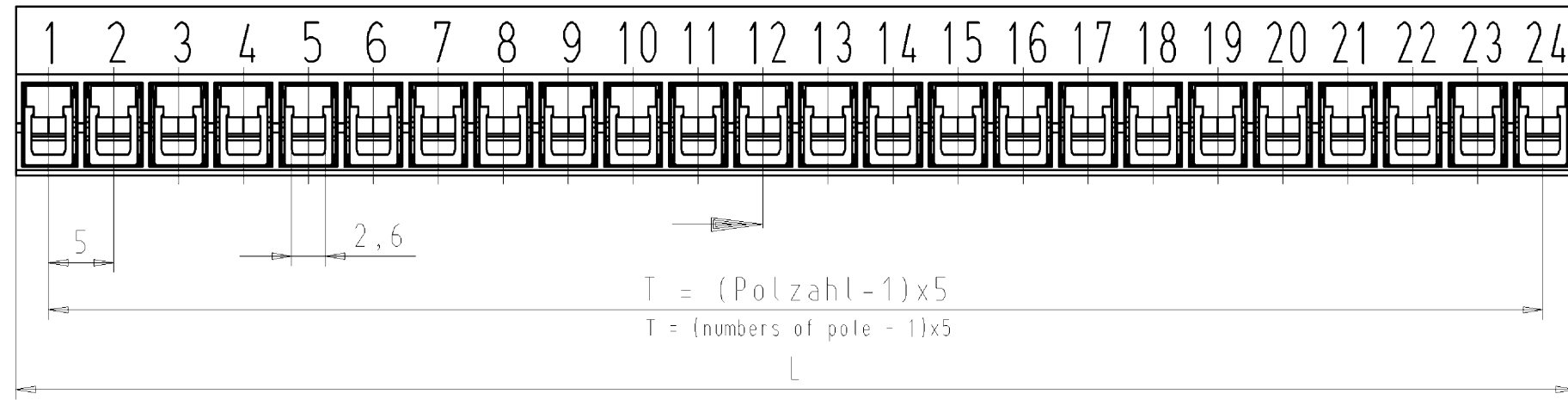
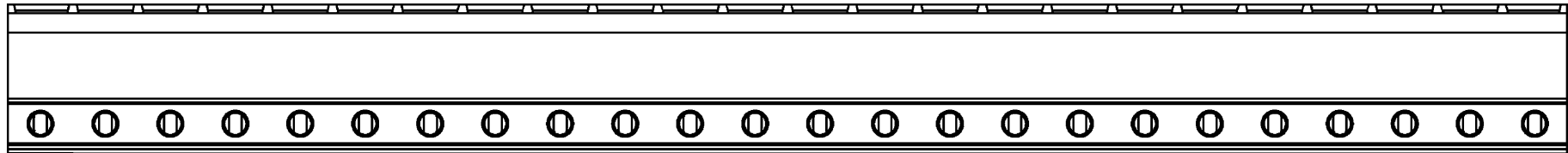
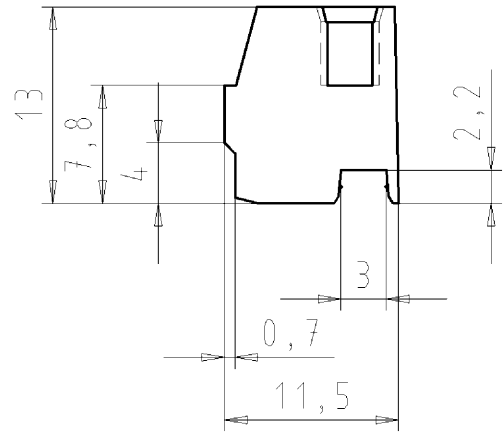
#### Classification

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

#### 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          |

Gezeichnet/drawn:  
25.600.4453.0



|                       |             |                 |     |     |
|-----------------------|-------------|-----------------|-----|-----|
| 25.600.4453.F         | 8142/24     | 24              | 115 | 120 |
| 25.600.4353.F         | 8142/23     | 23              | 110 | 115 |
| 25.600.4253.F         | 8142/22     | 22              | 105 | 110 |
| 25.600.4153.F         | 8142/21     | 21              | 100 | 105 |
| 25.600.4053.F         | 8142/20     | 20              | 95  | 100 |
| 25.600.3953.F         | 8142/19     | 19              | 90  | 95  |
| 25.600.3853.F         | 8142/18     | 18              | 85  | 90  |
| 25.600.3753.F         | 8142/17     | 17              | 80  | 85  |
| 25.600.3653.F         | 8142/16     | 16              | 75  | 80  |
| 25.600.3553.F         | 8142/15     | 15              | 70  | 75  |
| 25.600.3453.F         | 8142/14     | 14              | 65  | 70  |
| 25.600.3353.F         | 8142/13     | 13              | 60  | 65  |
| 25.600.3253.F         | 8142/12     | 12              | 55  | 60  |
| 25.600.3153.F         | 8142/11     | 11              | 50  | 55  |
| 25.600.3053.F         | 8142/10     | 10              | 45  | 50  |
| 25.600.2953.F         | 8142/ 9     | 9               | 40  | 45  |
| 25.600.2853.F         | 8142/ 8     | 8               | 35  | 40  |
| 25.600.2753.F         | 8142/ 7     | 7               | 30  | 35  |
| 25.600.2653.F         | 8142/ 6     | 6               | 25  | 30  |
| 25.600.2553.F         | 8142/ 5     | 5               | 20  | 25  |
| 25.600.2453.F         | 8142/ 4     | 4               | 15  | 20  |
| 25.600.2353.F         | 8142/ 3     | 3               | 10  | 15  |
| 25.600.2253.F         | 8142/ 2     | 2               | 5   | 10  |
| Teile-Nr.<br>part-no. | Typ<br>type | Polzahl<br>pole | T   | L   |

|    |               |
|----|---------------|
| .F | Farbe/colour  |
| .0 | grau/grey     |
| .1 | schwarz/black |
| .9 | orange/orange |

Weitere Daten siehe Katalog  
further data see catalog

|                                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                             |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Tolerierung Size ISO 14405©/Tolerance system Size ISO 14405©.<br>(This ISO-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 DIN ISO 2768 - m                                                                                                                                                                                                    |  | CAD - Zeichnung, keine manuellen Änderungen<br>EAD - drawing, no manual modifications allowed                                                                                                                                               |  |
| 1. Verwendung:<br>First Use:                                                                                                                                                                                                          |  | Blatt:<br>Sheet:                                                                                                                                                                                                                            |  |
| Zeichnung Nr./Drawing No.                                                                                                                                                                                                             |  | Index                                                                                                                                                                                                                                       |  |
| T 25.600.2253.0 01K                                                                                                                                                                                                                   |  |                                                                                                                                                                                                                                             |  |
| Maße in mm/Dimensions are in mm                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                             |  |
| Vol. mm Off./Surf. mm Ersatz für/Replacement for: -                                                                                                                                                                                   |  |                                                                                                                                                                                                                                             |  |
| wieland                                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                             |  |
| Type                                                                                                                                                                                                                                  |  |                                                                                                                                                                                                                                             |  |
| Benennung/Title                                                                                                                                                                                                                       |  |                                                                                                                                                                                                                                             |  |
| PLUGGABLE PCB TERMINAL<br>LP_STECKKLEMME<br>2 - 24 polig/poles                                                                                                                                                                        |  |                                                                                                                                                                                                                                             |  |
| s. Tabelle<br>see table                                                                                                                                                                                                               |  |                                                                                                                                                                                                                                             |  |
| Änderung/Revision                                                                                                                                                                                                                     |  |                                                                                                                                                                                                                                             |  |

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