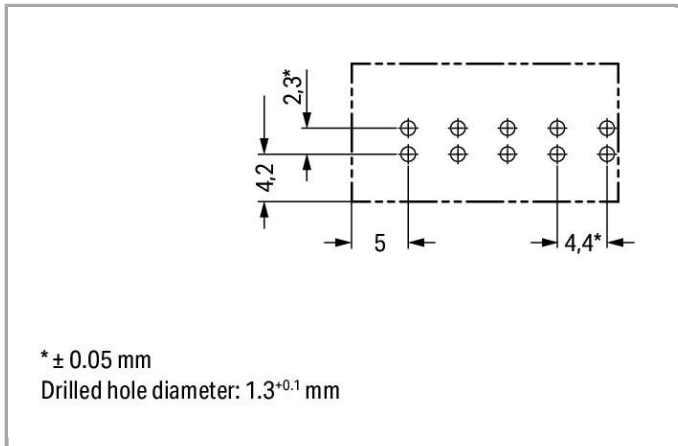


Supus modificărilor.



## Descriere articol

- Protected against mismatching and maintenance-free
- Push-in CAGE CLAMP® spring pressure connection technology allows solid conductors to be simply pushed into a unit
- Compact design with 4.4 mm pole spacing
- Components can be clearly printed on and color-coded to meet custom requirements

### Note:

All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug /socket).

### Note on mismatching protection:

All WINSTA® components are 100% protected against mismatching when:

- a.) plugging different numbers of poles
- b.) plugging while rotated 180
- c.) plugging while laterally staggered
- d.) plugging one pole

### Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 5 A and voltages up to 600 V. For further information, please contact your local sales office.

## Date

### Electrical data

Note on Contact Resistance

approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket

### Ratings per IEC/EN 60664-1

Ratings per

IEC/EN 60664-1

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Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



|                             |  |
|-----------------------------|--|
| Nominal voltage (III/3)     | 250 V  |
| Rated surge voltage (III/3) | 4 kV   |
| Rated current               | 16 A   |
| Legend (ratings)            | (III / 3) $\triangleq$ Overvoltage category III / Pollution degree 3 |

### Approvals per UL 1977

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 12 A  |

### Connection data

|                            |   |
|----------------------------|---|
| Pole No.                   | 5 |
| Total number of potentials | 5 |
| Number of levels           | 1 |

### Geometrical Data

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Pin spacing                          | 4,4 mm / 0.173 inch               |
| Width                                | 23,6 mm / 0.929 inch              |
| Height                               | 31,9 mm / 1.256 inch              |
| Height from the surface              | 28,4 mm / 1.118 inch              |
| Depth                                | 12,2 mm / 0.48 inch               |
| Solder pin length                    | 3,5 mm                            |
| Solder pin dimensions                | 1 x 0,8 mm                        |
| Drilled hole diameter with tolerance | 1,3 <sup>(-0,1 ... +0,1)</sup> mm |

### Mechanical data

|   |  |
|---|--|
| Coding                                  | B  |
| Mating force of a plug-in connection    | approx. 20 ... 70 N (depending on pole number)   |
| Retention force of a plug-in connection | Locked: > 80 N   |
| Unmating force of a plug-in connection  | Unlocked: approx. 20 ... 70 N (depending on pole number)   |
| Number of mating cycles                 | 200, without resistive load<br>100, with resistive load $I_N = 16$ A, tested (1.5 mm <sup>2</sup> /16 AWG) |
| Design                                  | straight   |
| Marking                                 | 1 2 3 4 5  |

Supus modificărilor.



|                   |           |
|-------------------|-----------|
| Potential marking | 1 2 3 4 5 |
|-------------------|-----------|

**Plug connection**

|                                    |                         |
|------------------------------------|-------------------------|
| Contact type (pluggable connector) | Female connector/socket |
| Connector (connection type)        | for PCB                 |
| Mismating protection               | Yes                     |
| Mating direction to the PCB        | 90°                     |
| Locking of plug-in connection      | locking lever           |
| Locking lever                      | yes                     |

**PCB contact**

|                                     |                            |
|-------------------------------------|----------------------------|
| PCB contact                         | THT                        |
| Solder pin arrangement              | 2 in-line solder pins/pole |
| Number of solder pins per potential | 2                          |

**Material Data**

|                          |  |
|--------------------------|--|
| Color                    | light green                              |
| Insulation material      | Polyamide 66 (PA 66)                     |
| Clamping spring material | Chrome nickel spring steel (CrNi)        |
| Contact material         | Copper or copper alloy (surface-treated) |
| Fire load                | 0,086 MJ                                 |
| Weight                   | 5,2 g                                    |

**Environmental Requirements**

|  |  |
|--|--|
| Processing temperature                   | -5 ... +40 °C                              |
| Continuous operating temperature         | -35 ... +85 °C                             |
| Note on continuous operating temperature | Insulating parts for temperatures ≤ 105 °C |

**Commercial data**



|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | PL            |
| GTIN                  | 4050821890034 |
| Customs tariff number | 85366990990   |

**Aprobări / certificate****Country specific Approvals**



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| Emblemă  | Aprobare                               | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|  | <b>CB</b><br>DEKRA Certification B.V.  | EN 61984                     | 71-100413       |
|  | <b>CCA</b><br>DEKRA Certification B.V. | EN 60320                     | 2148952.04      |




## Ship Approvals

| Emblemă   | Aprobare  | Text de aprobare suplimentar | Nume certificat  |
|---|---|------------------------------|------------------|
|   | <b>DNV GL</b><br>Det Norske Veritas, Germanischer Lloyd | -                            | TAE00001Z6       |
|  | <b>LR</b><br>Lloyds Register                            | EN 61535                     | 08/20047<br>(E2) |

## UL-Approvals

| Emblemă  | Aprobare                                       | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|  | <b>cURus</b><br>Underwriters Laboratories Inc. | UL 1977                      | E45171          |

## Counterpart

|  |  |  |
|--|--|--|
|  | <b>Nr. articol890-275</b><br>Plug; 5-pole; 1,50 mm <sup>2</sup> ; light green  | <a href="http://www.wago.com/890-275">www.wago.com/890-275</a>                   |
|  | <b>Nr. articol891-8995/005-105</b><br>pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; light green | <a href="http://www.wago.com/891-8995/005-105">www.wago.com/891-8995/005-105</a> |
|  | <b>Nr. articol891-8995/205-105</b><br>pre-assembled connecting cable; Eca; Plug/open-ended; 5-pole; Cod. B; 1 m; 1,00 mm <sup>2</sup> ; light green  | <a href="http://www.wago.com/891-8995/205-105">www.wago.com/891-8995/205-105</a> |

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## Descărcări

### CAD/CAE-Data

#### CAD data

| 2D/3D Models 890-865 | URL | Descărcare |
|----------------------|-----|------------|
|----------------------|-----|------------|

#### PCB Design

| Symbol and Footprint 890-865 | URL | Descărcare |
|------------------------------|-----|------------|
|------------------------------|-----|------------|

CAX data for your PCB design, consisting of "schematic symbols and PCB footprints", allow easy integration of the WAGO component into your development environment.

#### Supported formats:

- Accel EDA 14 & 15
- Altium 6 to current version
- Cadence Allegro
- DesignSpark
- Eagle Libraries
- KiCad
- Mentor Graphics BoardStation
- Mentor Graphics Design Architect
- Mentor Graphics Design Expedition 99 and 2000
- OrCAD 9.X PCB and Capture
- PADS PowerPCB 3, 3.5, 4.X, and 5.X
- PADS PowerPCB and PowerLogic 3.0
- PCAD 2000, 2001, 2002, 2004, and 2006
- Pulsonix 8.5 or newer
- STL
- 3D STEP
- TARGET 3001!
- View Logic ViewDraw
- Quadcept
- Zuken CadStar 3 and 4
- Zuken CR-5000 and CR-8000

PCB Component Libraries (EDA), PCB CAD Library Ultra Librarian

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## Installation Notes

## Familie de produse

*WINSTA*® MINI special

Afișare globală produse din familie.

Supus modificărilor.

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