

## 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

Supus modificărilor.



- Two-wire connection per pole for loops or bridges
- Additional variable coding is possible
- 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:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- 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 16 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  |
|-----------------------------|---|
| Nominal voltage (III/3)     | 250 V   |
| Rated surge voltage (III/3) | 4 kV  |
| Rated current               | 25 A  |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**Approvals per UL 1977**

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 23 A  |

**Connection data**

|                            |   |
|----------------------------|---|
| Pole No.                   | 3 |
| Total number of potentials | 3 |
| Number of levels           | 1 |

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WAGO Kontakttechnik GmbH & Co. KG  
 /Representative Office Romania  
 Sos. Pipera-Tunari nr. 1/1  
 building 1, 2nd floor | 077190 Voluntari, Ilfov  
 Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
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## Geometrical Data

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Pin spacing                          | 10 mm / 0.394 inch                |
| Width                                | 27 mm / 1.063 inch                |
| Height                               | 29,5 mm / 1.161 inch              |
| Height from the surface              | 26 mm / 1.024 inch                |
| Depth                                | 14,6 mm / 0.575 inch              |
| Solder pin length                    | 3,5 mm                            |
| Solder pin dimensions                | 1 x 0,8 mm                        |
| Drilled hole diameter with tolerance | 1,5 <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 $I_N = 25$ A, tested (4 mm <sup>2</sup> /AWG 12) |
| Design                                  | straight   |
| Marking                                 | 1 2  |
| Potential marking                       | 1 2  |

## Plug connection

|                                    |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| 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                          |

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## 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                | 0,145 MJ                                 |
| Weight                   | 6,7 g                                    |

## Environmental Requirements


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

## Commercial data

|                       |               |
|-----------------------|---------------|
| Packaging type        | BOX           |
| Country of origin     | PL            |
| GTIN                  | 4050821553458 |
| Customs tariff number | 85366990990   |

## Aprobări / certificate

### UL-Approvals

| Emblemă  | Aprobare                                | Text de aprobare suplimentar | Nume certificat  |
|--|---|------------------------------|------------------|
|  | cURus<br>Underwriters Laboratories Inc. | UL 1977                      | E45171<br>Sec. 9 |

## Counterpart



Nr. articol 770-263/073-000  
Socket; 3-pole; Cod. B; 4,00 mm<sup>2</sup>; light green

[www.wago.com/770-263/073-000](http://www.wago.com/770-263/073-000)

## Produse compatibile

### Coding

Nr. articol: 770-401

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Coding pin; for plugs; Plastic; gray

## Descărcări

### CAD/CAE-Data

#### CAD data

| 2D/3D Models 770-873/073-000 | URL | Descărcare |
|------------------------------|-----|------------|
|------------------------------|-----|------------|

#### PCB Design

| Symbol and Footprint 770-873/073-000 | 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*® MIDI special

Afișare globală produse din familie.

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