

## 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
- When assembled, the installation connectors complies with IP40 and are suitable for easily accessible areas

Supus modificărilor.

**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<sup>®</sup> 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  |
|-----------------------------|---|
| Nominal voltage (III/3)     | 400 V   |
| Rated surge voltage (III/3) | 6 kV  |
| Rated current               | 16 A  |
| Note on rated current       | 13 A for 3-pole load 10 A for 4- and 5-pole load          |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**Approvals per UL 1977**

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

**Connection data**

|                                      |  |
|--------------------------------------|--|
| Connection technology                | Push-in CAGE CLAMP <sup>®</sup>              |
| Actuation type                       | Operating tool<br>Push-in                    |
| Nominal cross-section                | 1,5 mm <sup>2</sup>                          |
| Solid conductor                      | 0,25 ... 1,5 mm <sup>2</sup> / 22 ... 16 AWG |
| Solid conductor; push-in termination | 0,75 ... 1,5 mm <sup>2</sup> / 20 ... 16 AWG |

Supus modificărilor.

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



|  |   |
|--|---|
| Stranded conductor   | 0,25 ... 1 mm <sup>2</sup> / 22 ... 18 AWG    |
| Fine-stranded conductor                                    | 0,25 ... 1,5 mm <sup>2</sup> / 22 ... 16 AWG  |
| Fine-stranded conductor; with insulated ferrule            | 0,25 ... 0,75 mm <sup>2</sup> / 22 ... 20 AWG |
| Fine-stranded conductor; with uninsulated ferrule          | 0,25 ... 0,75 mm <sup>2</sup> / 22 ... 20 AWG |
| Fine-stranded conductor; with ferrule; push-in termination | 0,75 mm <sup>2</sup> / 20 AWG                 |
| Strip length   | 9 mm / 0.35 inch                              |
| Note (strip length)  | see also packaging or instructions            |
| Pole No.   | 5   |
| Total number of connection points                          | 5   |
| Total number of potentials                                 | 5   |
| Conductor entry direction to mating direction              | 0°  |

### Geometrical Data

|             |                       |
|-------------|-----------------------|
| Pin spacing | 4,4 mm / 0.173 inch   |
| Width       | 35,5 mm / 1.398 inch  |
| Height      | 17,5 mm / 0.689 inch  |
| Depth       | 39,85 mm / 1.569 inch |

### 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) |
| Housing sheet thickness                 | 0,5 ... 2 mm / 0.02 ... 0.079 inch   |
| Mounting type                           | Snap-in  |
| Marking                                 | N L I- I+  |
| Protection type                         | IP20   |
| Note on protection type                 | IP40 when mated  |
| Potential marking                       | N L I- I+  |

### Plug connection

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

Supus modificărilor.

|                               |               |
|-------------------------------|---------------|
| Connector (connection type)   | for conductor |
| Mismating protection          | Yes           |
| Locking of plug-in connection | locking lever |
| Locking lever                 | yes           |

### Material Data

|                          |  |
|--------------------------|--|
| Color                    | pink                                     |
| Insulation material      | Polyamide 66 (PA 66)                     |
| Clamping spring material | Chrome nickel spring steel (CrNi)        |
| Contact material         | Copper or copper alloy (surface-treated) |
| Weight                   | 8 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                  | 4055143428248 |
| Customs tariff number | 85366990990   |

### Aprobări / certificate

#### Country specific Approvals

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

#### Ship Approvals

| Emblemă   | Aprobare                     | Text de aprobare suplimentar | Nume certificat      |
|---|------------------------------|------------------------------|----------------------|
|  | <b>LR</b><br>Lloyds Register | EN 61535                     | 08<br>/20047<br>(E2) |

Supus modificărilor.

## Counterpart



Nr. articol 890-285/080-000

Socket; 5-pole; Cod. B; 1,50 mm<sup>2</sup>; pink

[www.wago.com/890-285/080-000](http://www.wago.com/890-285/080-000)

## Produse compatibile

### tools



Nr. articol: 210-719

Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft

[www.wago.com/210-719](http://www.wago.com/210-719)

## Descărcări

### CAD/CAE-Data

#### CAD data

2D/3D Models 890-795/080-000

[URL](#)

[Descărcare](#)

#### CAE data

EPLAN Data Portal 890-795/080-000

[URL](#)

[Descărcare](#)

WSCAD Universe 890-795/080-000

[URL](#)

[Descărcare](#)

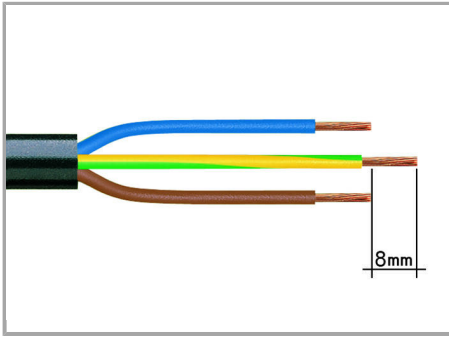
## Installation Notes

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Aveți întrebări despre produsele noastre?

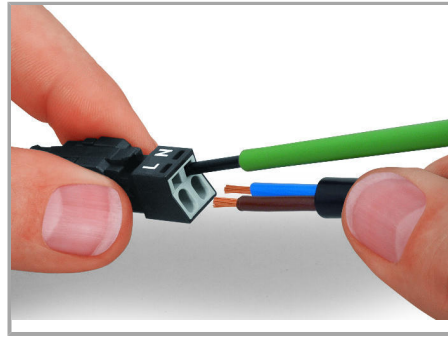
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.



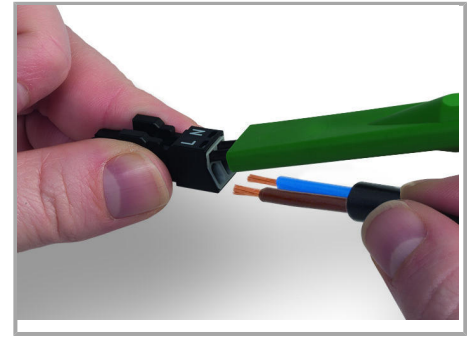
1. Strip length, outer insulation = 30 mm (2-pole), 37 mm (3-pole), 45 mm (4- and 5-pole)

2. Strip length = 9 mm

3. Extended ground conductor = 8 mm



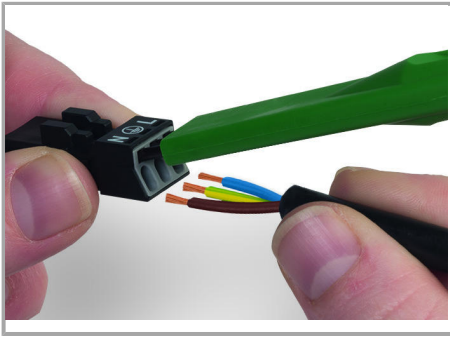
To terminate fine-stranded conductors, open the clamping unit via screwdriver (2.5 mm blade width) and insert a stripped conductor until it hits backstop. Terminate solid conductors by simply pushing them in.



To terminate fine-stranded conductors, open clamping units via operating tool (890-382) and insert stripped conductors until they hit backstop.

Terminate solid conductors by simply pushing them in.

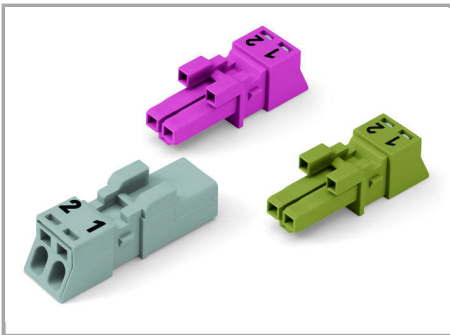
Supus modificărilor.



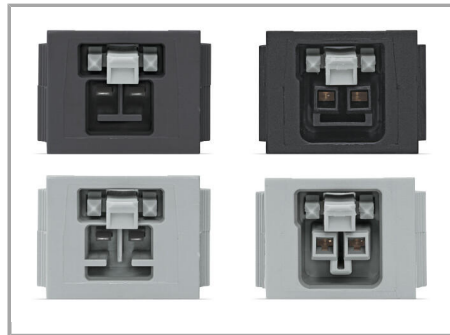
To terminate fine-stranded conductors, open clamping units via operating tool (890-383) and insert stripped conductors until they hit backstop.

Terminate solid conductors by simply pushing them in.

#### Mismatching protection



B-coded connectors with different colors can be plugged together.



B-coded connectors (shown in gray) not only differ in color, but also in their design, making them incompatible with other coded connectors.



#### Important note:

Different colors and/or pole marking are used for circuit identification.

Only connectors of the same color and same pole marking must be plugged together.

#### Familie de produse

*<i>WINSTA</i>® MINI special*

Afișare globală produse din familie.

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