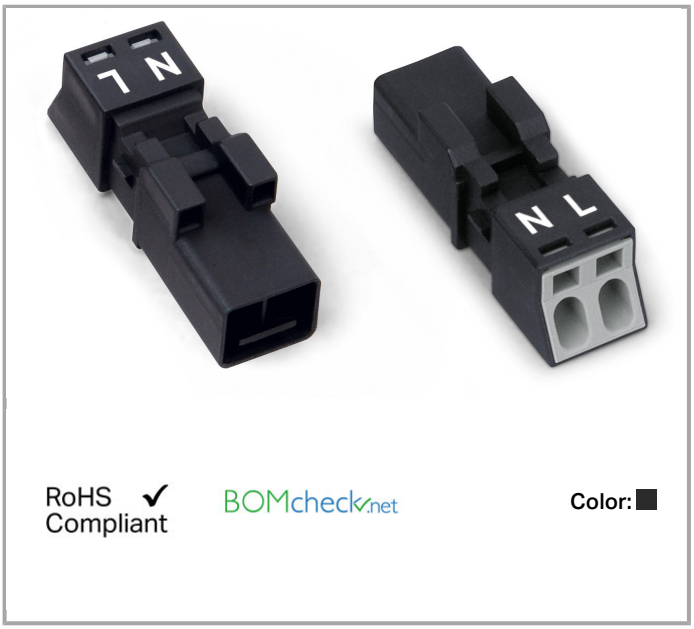


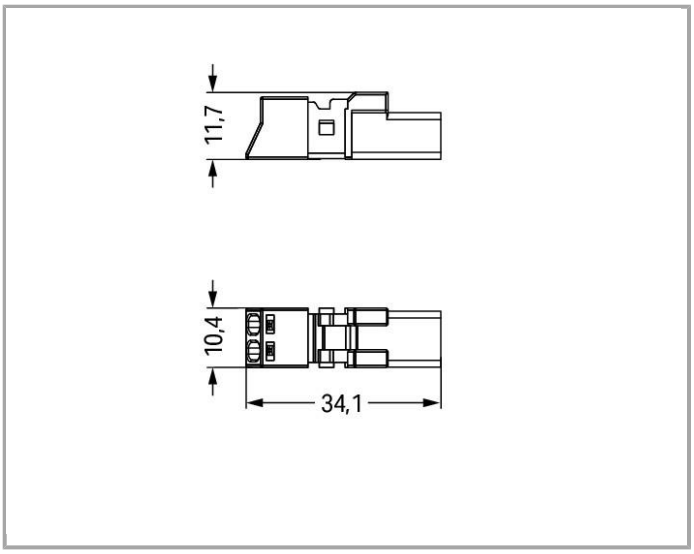


## Item description

**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).

## Data

### Electrical data

#### Ratings per IEC/EN 60664-1

| | |
|---|---|
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

#### Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Operating tool<br>Push-in |
| Nominal cross section | 1.5 mm² |

| | |
|---|---|
| Solid conductor | 0.25 … 1.5 mm² / 22 … 16 AWG |
| Solid conductor, push-in termination | 0.75 … 1.5 mm² / 20 … 16 AWG |
| Stranded conductor | 0.25 … 1 mm² / 22 … 18 AWG |
| Fine-stranded conductor | 0.25 … 1.5 mm² / 22 … 16 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0.25 … 0.75 mm² / 22 … 20 AWG |
| Fine-stranded conductor with ferrule without plastic collar | 0.25 … 0.75 mm² / 22 … 20 AWG |
| Fine-stranded conductor with ferrule, push-in termination, from | 0.75 mm² / 20 AWG |
| Strip length | 9 mm / 0.35 Inch |
| Note (strip length) | see also packaging or instructions |
| No. of poles | 2 |
| Total number of connection points | 2 |
| Total number of potentials | 2 |
| Conductor entry direction to mating direction | 0 ° |

## Geometrical Data

| | |
|---|---|
| Pin spacing | 4.4 mm (0.173 inch) |
| Width | 10.4 mm / 0.409 inch |
| Height | 11.7 mm / 0.461 inch |
| Depth | 34.1 mm / 1.343 inch |

## Mechanical data

| | |
|---|---|
| Coding | A |
| Mating force of a plug-in connection | approx. 20 … 70 N (depending on pole number) |
| Retention force of a plug-in connection | when locked: > 80N |
| Unmating force of a plug-in connection | when unlocked: approx. 20 … 70 N (depending on pole number) |
| Marking | L N |
| Degree of protection | IP20 |
| Potential marking | L N |

## Plug connection

| | |
|---|---|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for conductors |
| Mismating protection | Yes |
| Locking of plug-in connection | locking lever |
| Locking lever | no |

## Material Data

| | |
|---|---|
| Color | black |
| Insulating material | Polyamide 66 (PA 66) |
| Flammability class per UL94 | V0 |

| | |
|---|---|
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Copper or copper alloy, surface-treated |
| Fire load | 0.056 MJ |
| Weight | 2.49 g |

## Environmental Requirements

| | |
|---|---|
| Surrounding air (operating) temperature | -35 … 85 °C |

## Commercial data

| | |
|---|---|
| Country of origin | PL |
| GTIN | 4055143548489 |
| Product Group | 20 (WINSTA) |

## Approvals / Certificates

### Country specific Approvals

| Logo | Approval | Certificate name |
|---|---|---|
| | **CCA**<br>DEKRA Certification B.V. | 2182129.01 |
| | **CCA**<br>DEKRA Certification B.V. | NL-35632 |
| | **CCA**<br>DEKRA Certification B.V. | NL-49482 |

### Ship Approvals

| Logo | Approval | Certificate name |
|---|---|---|
| | **DNV GL**<br>Det Norske Veritas, Germanischer Lloyd | TAE00001Z6 |

### UL-Approvals

| Logo | Approval | Certificate name |
|---|---|---|
| | **UL**<br>UL International Germany GmbH | E45171 |

## Compatible products

### Locking lever

**Item no.: 890-101**
Locking lever; manually operated

www.wago.com/890-101

| | | |
|---|---|---|
| | Item no.: 890-111<br>Locking lever; for tool operation; for "flying leads" | www.wago.com/890-111 |
| | Item no.: 890-121<br>Locking lever; manually operated | www.wago.com/890-121 |
| | Item no.: 890-131<br>Locking lever; for tool operation; for "flying leads" | www.wago.com/890-131 |

Strain relief plate

| | | |
|---|---|---|
| | Item no.: 890-502<br>Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 … 8.2 mm; 30 mm | www.wago.com/890-502 |
| | Item no.: 890-502/342-000<br>Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 … 8.2 mm; 17.5 mm | www.wago.com/890-502<br>/342-000 |
| | Item no.: 890-512<br>Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 … 8.2 mm; 30 mm | www.wago.com/890-512 |
| | Item no.: 890-512/342-000<br>Strain relief housing; 2-pole; with locking clip; for 1 cable; 3.8 … 8.2 mm; 17.5 mm | www.wago.com/890-512<br>/342-000 |

assembling

| | | |
|---|---|---|
| | Item no.: 890-310<br>Mounting carrier; for "flying leads"; 2- to 5-pole | www.wago.com/890-310 |
| | Item no.: 890-311<br>Mounting carrier; for "flying leads"; 2- to 5-pole | www.wago.com/890-311 |

tools

| | | |
|---|---|---|
| | Item no.: 210-719<br>Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm | www.wago.com/210-719 |
| | Item no.: 890-382<br>Operating tool; 2-way | www.wago.com/890-382 |

## Downloads

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 890-212<br>WINSTA MINI 2-polig | Sep 19, 2016 | DOC<br>23.6 kB | Download |

## CAD files

**CAD data**

| 3D Download 890-212 | URL | Download |
|---|---|---|

Subject to changes.

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Do you have any questions about our products?
We are always happy to take your call at {0}.