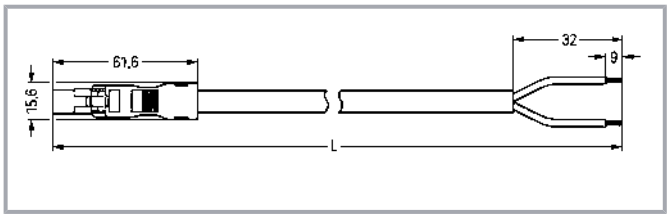
# Data sheet | Item number: 891-8992/206-203

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.5 mm²; 2 m; 1,50 mm²; gray

www.wago.com/891-8992_206-203




## Item description

### Cable assembly *WINSTA*® MINI B coding

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® MINI cable assembly with protection against mismating. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to a huge variety of requirements in next to no time. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are appropriate for process control, for example, for lighting or in data networks. Due to its particularly minimal dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for installations when very little room is available. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with *WINSTA*® MINI pluggable installation connectors with fire class E from WAGO.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for controllers, for example sun blinds and lighting fixtures
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

Subject to changes. Please also observe the further product documentation!

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

Do you have any questions about our products?
We are always happy to take your call at +49 (571) 887-44222.

## Data

### Notes

| | |
|---|---|
| Note | Cables with a different fire class can be found in the eShop. |
| Variants: | Other pole markings<br>Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/. |

### Electrical data

| | |
|---|---|
| Note on contact resistance | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/socket |

### IEC Approvals

| | |
|---|---|
| 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 |

### Ratings per UL

| | |
|---|---|
| Note for the US market | 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. |

### Connection data

| | |
|---|---|
| Total number of potentials | 2 |
| Conductor preparation | ultrasonically tip-bonded |

### Connection 1

| | |
|---|---|
| Number of poles | 2 |
| Sheathed cable diameter | 6.8 … 8.6 mm |
| Wire cross-section | 1.5 mm² |
| Strip length (outer insulation) | 32 mm |
| Connection type | Plug - Free end |

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## Physical data

| | |
|---|---|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 2 m |

## Mechanical data

| | |
|---|---|
| Application | Control technology |
| Coding | B |
| Variable coding | No |
| Marking | 1 2 |
| Potential Marking | 1 2 |
| 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) |
| Number of mating cycles | 200, without resistive load |
| Connection type | Plug - Free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | Control line 2 x 1.5 |
| Protection type | IP20; IP40 when mated |

## Plug-in connection

| | |
|---|---|
| Mismating protection | Yes |
| Note on mismating protection | All WINSTA® components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>d.) plugging one pole |
| Locking lever | Can be retrofitted |
| Locking of plug-in connection | locking lever |

## Material data

| | |
|---|---|
| Note (material data) | Information on material data can be found here |
| Color | gray |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | $E_{ca}$ |
| Contact material | Copper or copper alloy; surface-treated |
| Fire load | 0.102 MJ |

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| | |
|---|---|
| Connector color | gray |
| Printing color of mating face | black |
| Strain relief color | black |
| Sheathed cable color | gray |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Sheath material | PVC |
| Weight | 134.6 g |
| Copper weight of the pipe | 0.029 kg/m |

## Environmental requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on continuous operating temperature | PVC cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

| | |
|---|---|
| Product Group | 20 (WINSTA) |
| PU (SPU) | 1 Stück |
| Packaging type | unpacked |
| Country of origin VKOrg Germany | PL |
| GTIN | 4055143057851 |
| Customs tariff number VKOrg Germany | 85444290900 |

## Required accessories

**Locking levers**

Locking system

| | |
|---|---|
| **Item no.: 890-111**<br>Locking lever; for flying leads; for tool operation; black | www.wago.com/890-111 |
| **Item no.: 890-101**<br>Locking lever; for manual operation; black | www.wago.com/890-101 |
| **Item no.: 890-121**<br>Locking lever; for manual operation; white | www.wago.com/890-121 |
| **Item no.: 890-131**<br>Locking lever; for flying leads; for tool operation; white | www.wago.com/890-131 |



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## Optional accessories

### Mounting

Mounting accessories

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

### Cover

Other

| | | |
|---|---|---|
| | Item no.: 897-2001<br>Protective cap; Type1; for sockets and plugs; PVC; red | www.wago.com/897-2001 |

## Downloads

### Documentation

#### Bid Text

| | | | |
|---|---|---|---|
| 891-8992/206-203<br>X81 - Datei | 2019 Feb 19 | xml<br>3.1 kB | Download |
| 891-8992/206-203<br>doc - Datei | 2014 Dec 2 | doc<br>25.6 kB | Download |

## Environmental Product Compliance

#### Compliance Search

| | | |
|---|---|---|
| Environmental Product Compliance 891-8992/206-203<br>pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.5 mm²; 2 m; 1,50 mm²; gray | URL | Download |

## Installation Notes

## Product family

WINSTA® MINI
Show all products from the family

Subject to changes. Please also observe the further product documentation!

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