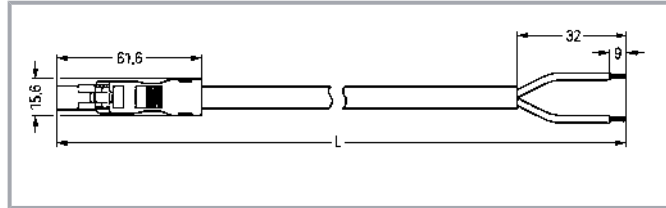


Data sheet | Item number: 891-8992/206-103

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

www.wago.com/891-8992_206-103



Item description

Cable assembly *WINSTA*® MINI B coding

The *WINSTA*® MINI cable assembly B coding provides the foundation for assembly of fine-stranded and solid conductors. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to establish connections according to many different requirements in next to no time. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are suitable for process control, such as for lighting or in data networks. Particularly where space is tight, our smallest pluggable connection system, *WINSTA*® MINI, conveniently displays its strengths. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally can be installed quickly, since the installation is low-maintenance and can be performed without screw connections. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

A plug and a free end are available. The *WINSTA*® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system decreases assembly times and errors during installation at the construction site. Choose durability and quality – the *WINSTA*® MINI pluggable installation connector with protection type IP20 from WAGO makes the installation of electrical components substantially easier.

- effective protection against mismating
- easy tool-free operation, a wide range of coding options
- with B coding for controllers, for example sun blinds and lighting fixtures
- custom-engineered solutions
- fast, secure installation

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 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 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 mm ² |
| Strip length (outer insulation) | 32 mm |
| Connection type | Plug - Free end |

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

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Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 1 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: a.) plugging different numbers of poles b.) plugging while rotated 180 c.) plugging while laterally staggered 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 | 69.6 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-------------------------------------|---------------|
| PU (SPU) | 1 Stück |
| Packaging type | unpacked |
| Country of origin VKOrg Germany | PL |
| GTIN | 4050821622550 |
| Customs tariff number VKOrg Germany | 85444290900 |

Required accessories

Locking levers

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

Optional accessories

Mounting

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

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Mounting accessories

Item no.: 890-310

Mounting carrier; 2- to 5-pole; for flying leads; black

www.wago.com/890-310

Item no.: 890-311

Mounting carrier; 2- to 5-pole; for flying leads; white

www.wago.com/890-311

Cover

Other



Item no.: 897-2001

Protective cap; Type1; for sockets and plugs; PVC; red

www.wago.com/897-2001

Downloads

Documentation

Bid Text

| | | | |
|---------------------------------|-------------|---------------|----------|
| 891-8992/206-103 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
|---------------------------------|-------------|---------------|----------|

| | | | |
|---------------------------------|------------|----------------|----------|
| 891-8992/206-103 doc - Datei | 2014 Dec 2 | doc 25.1 kB | Download |
|---------------------------------|------------|----------------|----------|

CAD files

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 891-8992/206-103 | URL | Download |
| WSCAD Universe 891-8992/206-103 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|--|-----|----------|
| Environmental Product Compliance 891-8992/206-103 pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. B; Control cable 2 x 1.5 mm ² ; 1 m; 1,50 mm ² ; gray | URL | Download |
|--|-----|----------|

Installation Notes

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Product family

WINSTA® MINI

[Show all products from the family](#)

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