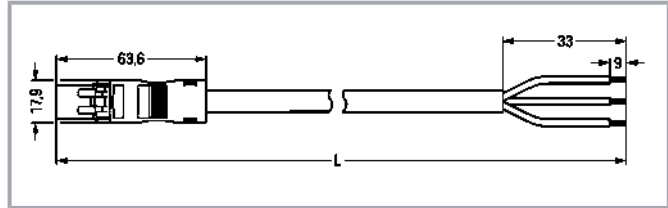


Data sheet | Item number: 891-8993/205-803

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 8 m; 1,00 mm²; gray

www.wago.com/891-8993_205-803



Item description

Cable assembly **WINSTA®** MINI with protection against mismating

The **WINSTA®** MINI cable assembly 3-pole allows assembly of fine-stranded and solid conductors. WAGO pluggable installation connectors are used when criteria repeat or are planned on a specific grid, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in automation, robotics, and mechanical engineering. **WINSTA®** MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since as a result of LED technology; due to complex systems, these offer significantly less space for the connection technology. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory 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

A plug and a free end are provided. **WINSTA®** is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – the **WINSTA®** MINI pluggable installation connector with protection against mismating from WAGO makes the electrical installation of electrical components noticeably easier.

- protection against mismating eliminates errors
- consistent IP40 protection
- for automation controllers
- ready to install and use immediately
- rapid, structured electrical 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 | 10 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 | 3 |
| Conductor preparation | ultrasonically tip-bonded |

Connection 1

| | |
|---------------------------------|-------------------|
| Strip length | 9 mm / 0.35 inch |
| Number of poles | 3 |
| Sheathed cable diameter | 6.3 ... 8 mm |
| Wire cross-section | 1 mm ² |
| Strip length (outer insulation) | 33 mm |
| Connection type | Plug - Free end |

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Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 8 m |

Mechanical data

| | |
|---|---|
| Application | Control technology |
| Coding | B |
| Variable coding | No |
| Marking | 1 2 3 |
| Potential Marking | 1 2 3 |
| 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 3 x 1 |
| 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 | 0.088 MJ |

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

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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 | 590.3 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 | 4055143174541 |
| 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

Cover

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

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Other



Item no.: 897-2001

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

www.wago.com/897-2001

Mounting

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

Downloads

Documentation

Bid Text

| Item no. | Date | File name | Size | Download |
|------------------|-------------|-------------|--------|--------------------------|
| 891-8993/205-803 | 2019 Feb 19 | X81 - Datei | 3.1 kB | Download |

| | | | | |
|------------------|------------|-------------|---------|--------------------------|
| 891-8993/205-803 | 2014 Dec 2 | doc - Datei | 25.6 kB | Download |
|------------------|------------|-------------|---------|--------------------------|

Environmental Product Compliance

Compliance Search

| Item no. | Date | File name | Size | Download |
|------------------|------------|-------------|---------|--------------------------|
| 891-8993/205-803 | 2014 Dec 2 | doc - Datei | 25.6 kB | 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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