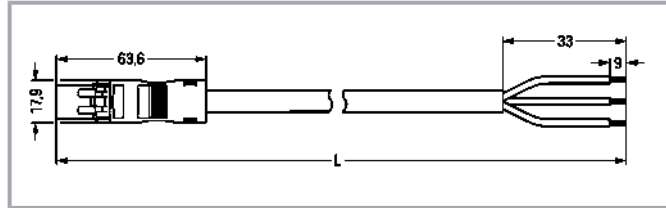


Data sheet | Item number: 891-8993/205-507

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 5 m; 1,00 mm²; pink

www.wago.com/891-8993_205-507



Item description

Cable assembly *WAGOWINSTA*® MINI with strain relief

The *WAGOWINSTA*® MINI cable assembly 3-pole is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. Our pluggable installation connectors with spring pressure connection technology function without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The coding options reduce installation errors, allowing fast, secure wiring of all components. Pluggable installation connectors with B coding from the *WAGOWINSTA*® MINI line are available in grey, light grey, or pink, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Your own pole marking is possible as well. Particularly where space is tight, our smallest pluggable connection system, *WAGOWINSTA*® MINI, conveniently displays its advantageous properties. It saves space, and, with Push-in CAGE CLAMP® spring pressure connection technology, it additionally saves time, since the connection is low-maintenance and can be performed without screw connections. 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.

Fast, error-free assembly thanks to cable assemblies from WAGO

A plug and a free end are available. The *WAGOWINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose quality and durability – the *WAGOWINSTA*® MINI pluggable installation connector with protection against mismating from WAGO makes the electrical installation of electrical components significantly easier.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- with B coding for use in process automation, such as lighting technology, for example
- custom-engineered solutions
- 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 | 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 | 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 | 5 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 | pink |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Fire load | 0.086 MJ |

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| | |
|----------------------------------|------------|
| Connector color | pink |
| 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 | 371.2 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 | 4050821675709 |
| 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

| | | | |
|---------------------------------|-------------|----------------|----------|
| 891-8993/205-507 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
| 891-8993/205-507 doc - Datei | 2014 Dec 2 | doc 25.6 kB | Download |

CAD files

CAE data

| | | |
|---------------------------------|-----|----------|
| WSCAD Universe 891-8993/205-507 | URL | Download |
| WSCAD Universe 891-8993/205-507 | URL | Download |

Environmental Product Compliance

Compliance Search

| | | |
|---|-----|----------|
| Environmental Product Compliance 891-8993/205-507 pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; 5 m; 1,00 mm ² ; pink | URL | Download |
|---|-----|----------|

Installation Notes

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Product family

WINSTA® MINI

[Show all products from the family](#)

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