

Data sheet | Item number: 891-8995/005-607

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 6 m;
1,00 mm²; pink

www.wago.com/891-8995_005-607



Item description

Cable assembly **WINSTA®** MINI 5-pole

The **WINSTA®** MINI cable assembly with protection type IP20 allows installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when requirements repeat or are planned on a specified grid, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. B coding enables the **WINSTA®** MINI pluggable installation connectors to be used for control in applications in automation, mechanical engineering and robotics. Thanks to its particularly compact dimensions, our **WINSTA®** MINI Pluggable Connection System with Push-in **CAGE CLAMP®** spring pressure connection technology is specifically suitable in very tight spaces, i.e., for connections when very little room is available. According to the European CPR, the fire class of the cables used for construction is essential for the safety of buildings as well. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The **WINSTA®** Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Now you can also lower installation costs without compromising quality and safety: The **WINSTA®** MINI pluggable installation connector with marking reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- compact design for conductors with a cross-section up to 1.5 mm²
- 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) | 400 V |
| Rated impulse voltage (III/3) | 6 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 | 5 |
| Conductor preparation | ultrasonically tip-bonded |

Connection 1

| | |
|-------------------------|-------------------|
| Number of poles | 5 |
| Sheathed cable diameter | 7.8 ... 9.3 mm |
| Wire cross-section | 1 mm ² |
| Connection type | Socket - Plug |

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Physical data

| | |
|--------------|---------------------|
| Pin spacing | 4.4 mm / 0.173 inch |
| Total length | 6 m |

Mechanical data

| | |
|---|---|
| Application | Control technology |
| Coding | B |
| Variable coding | No |
| Marking | 1 2 3 4 5 |
| Potential Marking | 1 2 3 4 5 |
| 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 | Socket - Plug |
| Type of pre-assembled cable | Interconnecting cable |
| Cable type | Control line 5 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 | 0.517 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 | 692.2 g |
| Copper weight of the pipe | 0.048 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 | 4055143517058 |
| 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.: 897-2003

Protective cap; Type2; for sockets and plugs; PVC; red

www.wago.com/897-2003

Downloads

Documentation

Bid Text

| Item no. | Date | File name | Size | Action |
|------------------|-------------|-------------|---------------|--------------------------|
| 891-8995/005-607 | 2019 Feb 19 | X81 - Datei | xml 3.0 kB | Download |

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|------------------|------------|-------------|----------------|--------------------------|
| 891-8995/005-607 | 2015 Jun 2 | doc - Datei | doc 25.6 kB | Download |
|------------------|------------|-------------|----------------|--------------------------|

Environmental Product Compliance

Compliance Search

| Item no. | Description | URL | Action |
|------------------|--|-----|--------------------------|
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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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