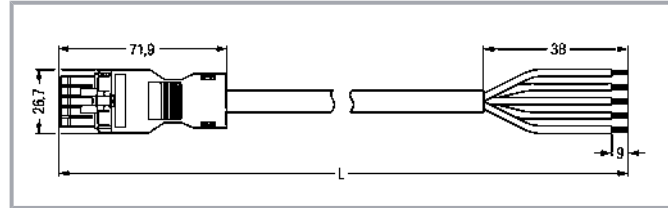


Data sheet | Item number: 891-8995/105-105

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B;
1 m; 1,00 mm²; light green

www.wago.com/891-8995_105-105



Item description

Cable assembly *WINSTA*® MINI with protection type IP40

The *WINSTA*® MINI cable assembly B coding allows installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are useful when specifications repeat or are distributed 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. The pluggable installation connector is protected in accordance with protection type IP40. Users' fingers and tools will never come into contact with live elements. Pluggable installation connectors with B coding from the *WINSTA*® 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, too. *WINSTA*® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is very good for lights, for example, since due to LED technology, these offer less and less space for the connection technology. According to the European CPR, the fire class of the cables used in construction is critical for the safety of buildings, too. For buildings with medium-level safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a free end. *WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It allows fast, secure and, above all, error-free installation of components and cables. Choose quality and durability – the *WINSTA*® MINI pluggable installation connector with strain relief hosting from WAGO makes the electrical installation of electrical components significantly easier.

- pluggable installation connectors with protection against mismating
- consistent IP40 protection
- with B coding for controllers such as sun blinds and lighting fixtures
- exact dimensions
- 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 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

| | |
|---------------------------------|-------------------|
| Strip length | 9 mm / 0.35 inch |
| Number of poles | 5 |
| Sheathed cable diameter | 7.8 ... 9.3 mm |
| Wire cross-section | 1 mm ² |
| Strip length (outer insulation) | 38 mm |

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| | |
|-----------------|-------------------|
| Connection type | Socket - Free end |
|-----------------|-------------------|

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 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 - free end |
| Type of pre-assembled cable | Connecting cable |
| Cable type | Control line 5 x 1 |
| Protection type | IP40 |

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 | light green |
| Insulation material | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |

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

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| | |
|----------------------------------|---|
| Contact material | Copper or copper alloy; surface-treated |
| Fire load | 0.21 MJ |
| Connector color | light green |
| 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 | 122.3 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 | 4055143517645 |
| Customs tariff number VKOrg Germany | 85444290900 |

Counterpart

| | |
|--|--|
| Item no.890-275 Plug; 5-pole; 1,50 mm ² ; light green | www.wago.com/890-275 |
| Item no.890-875 Plug for PCBs; straight; 5-pole; Cod. B; light green | www.wago.com/890-875 |
| Item no.890-775 WINSTA® through-panel plug (male); MINI; snap-in; 1/2/3/4/5 marking; 5-pole; light-green | www.wago.com/890-775 |
| Item no.890-875/011-000 Plug for PCBs; angled; 5-pole; Cod. B; light green | www.wago.com/890-875/011-000 |

Required accessories

Locking levers

| |
|----------------|
| Locking system |
|----------------|

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**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**

Other

**Item no.: 897-2003**

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

www.wago.com/897-2003**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**

| | | | |
|---------------------------------|-------------|----------------|----------|
| 891-8995/105-105 X81 - Datei | 2019 Feb 19 | xml 3.1 kB | Download |
| 891-8995/105-105 doc - Datei | 2015 Mar 12 | doc 25.6 kB | Download |

Environmental Product Compliance**Compliance Search**

| | | |
|--|-----|----------|
| Environmental Product Compliance 891-8995/105-105 pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. B; 1 m; 1,00 mm ² ; light green | URL | Download |
|--|-----|----------|

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

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Installation Notes

Product family

WINSTA® MINI

[Show all products from the family](#)

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