

## Data sheet | Item number: 891-8995/006-105

pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m;  
1,50 mm<sup>2</sup>; light green

[www.wago.com/891-8995\\_006-105](http://www.wago.com/891-8995_006-105)



### Item description

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

The *WINSTA*® MINI cable assembly rated current 16 A supports fast, reliable installation. WAGO pluggable installation connectors are useful when requirements repeat or are distributed on a specified pattern, 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 mismatching. Pluggable installation connectors with B coding from the *WINSTA*® MINI line are available in pink, light grey, or grey, allowing you to distinguish different circuits, for example for pumps, lighting, or sun blinds. Customer-specific pole marking is possible, too. *WINSTA*® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is especially suitable for lights, for instance, since due to LED technology, these offer less and less space for the connection technology. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in areas where fire safety is relevant.

#### Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The *WINSTA*® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus more efficient, more reliable, and error-free. Use of this pre-assembled system decreases assembly times and installation errors at the construction site. Now you can also reduce installation costs without compromising quality and safety: The *WINSTA*® MINI pluggable installation connector with protection type IP20 eliminates the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- with B coding for controllers such as lighting fixtures and sun blinds
- custom-engineered solutions
- convenient installation and commissioning

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://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<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> . |
|-----------|---|

## Electrical data

|                            |  |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance<br>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                 | 16 A  |
| Note (rated current)          | 13 A for 3-pole load<br>10 A for 4- and 5-pole load       |
| 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 | 9.3 ... 11.6 mm |
| Wire cross-section      | 1.5 mm²         |
| Connection type         | Socket - Plug   |

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



## 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 - Plug   |
| Type of pre-assembled cable             | Interconnecting cable   |
| Cable type                              | Control line 5 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:<br>a.) plugging different numbers of poles<br>b.) plugging while rotated 180<br>c.) plugging while laterally staggered<br>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 <sub>ca</sub>                                |
| Contact material        | Copper or copper alloy; surface-treated        |

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



|                                  |             |
|----------------------------------|-------------|
| Fire load                        | 0.517 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                           | 182.8 g     |
| Copper weight of the pipe        | 0.072 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)<br>Insulating parts for temperatures ≤ 105 °C |

## Commercial data

|                                     |               |
|-------------------------------------|---------------|
| PU (SPU)                            | 1 Stück       |
| Packaging type                      | unpacked      |
| Country of origin VKOrg Germany     | PL            |
| GTIN                                | 4055143518505 |
| Customs tariff number VKOrg Germany | 85444290900   |

## Required accessories

### Locking levers

|  |  |
|--|--|
| Locking system   |  |
| <b>Item no.: 890-111</b><br>Locking lever; for flying leads; for tool operation; black | <a href="http://www.wago.com/890-111">www.wago.com/890-111</a> |
| <b>Item no.: 890-101</b><br>Locking lever; for manual operation; black                 | <a href="http://www.wago.com/890-101">www.wago.com/890-101</a> |
| <b>Item no.: 890-121</b><br>Locking lever; for manual operation; white                 | <a href="http://www.wago.com/890-121">www.wago.com/890-121</a> |
| <b>Item no.: 890-131</b><br>Locking lever; for flying leads; for tool operation; white | <a href="http://www.wago.com/890-131">www.wago.com/890-131</a> |

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.




## Optional accessories

### Mounting

| Mounting accessories  |  |  |
|---|--|--|
|  | Item no.: 890-310<br>Mounting carrier; 2- to 5-pole; for flying leads; black | <a href="http://www.wago.com/890-310">www.wago.com/890-310</a> |
|  | Item no.: 890-311<br>Mounting carrier; 2- to 5-pole; for flying leads; white | <a href="http://www.wago.com/890-311">www.wago.com/890-311</a> |

### Cover

| Other   |  |  |
|---|--|--|
|  | Item no.: 897-2003<br>Protective cap; Type2; for sockets and plugs; PVC; red | <a href="http://www.wago.com/897-2003">www.wago.com/897-2003</a> |

## Downloads

### Documentation

#### Bid Text

|                                 |             |                |          |
|---------------------------------|-------------|----------------|----------|
| 891-8995/006-105<br>X81 - Datei | 2019 Feb 19 | xml<br>3.0 kB  | Download |
| 891-8995/006-105<br>doc - Datei | 2015 Jun 2  | doc<br>25.6 kB | Download |

## Environmental Product Compliance

### Compliance Search

|   |     |          |
|---|-----|----------|
| Environmental Product Compliance 891-8995/006-105<br>pre-assembled interconnecting cable; Eca; Socket/plug; 5-pole; Cod. B; 1 m; 1,50 mm <sup>2</sup> ; light green | URL | Download |
|---|-----|----------|

## Installation Notes

### Product family

#### WINSTA® MINI

[Show all products from the family](#)

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](mailto:info.us@wago.com) | Web: [www.wago.us](http://www.wago.us)

Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.