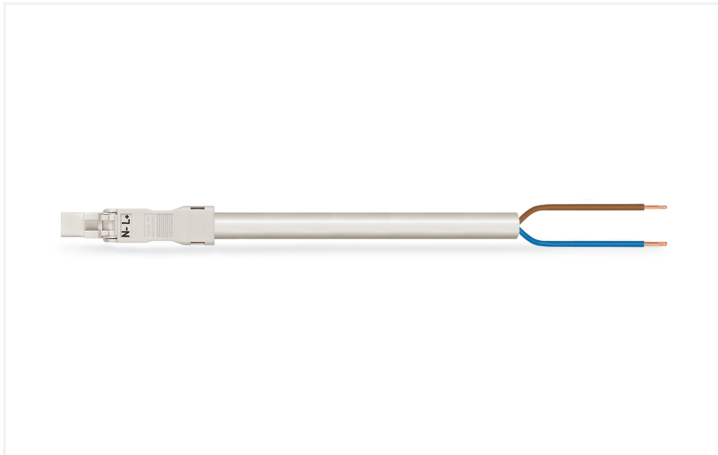


## Data Sheet | Item Number: 891-8992/205-702

pre-assembled connecting cable; Eca; Plug/open-ended; 2-pole; Cod. A; H05VV-F 2 x 1.0 mm<sup>2</sup>; 7 m; 1,00 mm<sup>2</sup>; white

<https://www.wago.com/891-8992/205-702>



Color: ■ white



Dimensions in mm

### Cable assembly WINSTA® MINI A coding

For power and signal transmission: The WINSTA® MINI cable assembly with protection type IP20. Whether on PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to a huge variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The WINSTA® MINI pluggable installation connector with A coding in white or black is usually used for general mains applications in power distribution. WINSTA® MINI is our response to the trend toward miniaturisation. Our smallest pluggable connection system is primarily suited 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 for construction is essential for the safety of buildings as well. 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

A plug and a free end are provided. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and errors during installation at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- protection against mismatching eliminates errors
- compact design for conductors with a cross-section up to 1.5 mm<sup>2</sup>
- with A coding for a large number of applications
- ready to install and use immediately
- fast, secure installation

### Notes

Note Cables with a different fire class can be found in the eShop.

### Electrical data

| Ratings per                     | IEC/EN 60664-1 |     |    |
|---------------------------------|----------------|-----|----|
| Overvoltage category            | III            | III | II |
| Pollution degree                | 3              | 2   | 2  |
| Nominal voltage                 | 250 V          | -   | -  |
| Rated impulse withstand voltage | 4 kV           | -   | -  |
| Rated current                   | 10 A           | -   | -  |

### General information

Note on contact resistance approx. 1 mΩ of contact resistance  
approx. 0.25 mΩ contact transition plug/  
socket

## Connection Data

|                            |                           |                                 |                    |
|----------------------------|---------------------------|---------------------------------|--------------------|
| Total number of potentials | 2                         | <b>Connection 1</b>             |                    |
| Conductor preparation      | ultrasonically tip-bonded | Strip length                    | 9 mm / 0.35 inches |
|                            |                           | Pole number                     | 2                  |
|                            |                           | Wire cross-section              | 1 mm <sup>2</sup>  |
|                            |                           | Strip length (outer insulation) | 32 mm              |
|                            |                           | Connection type                 | Plug - free end    |

## Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 4.4 mm / 0.173 inches  |
| Width        | 15.6 mm / 0.614 inches |
| Height       | 13.2 mm / 0.52 inches  |
| Total length | 7 m                    |

## Mechanical data

|   |   |
|---|---|
| Use                                     | General mains applications                                    |
| Coding                                  | A   |
| Variable coding                         | No  |
| Marking                                 | L N   |
| Potential marking                       | L N   |
| 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                              | H05VV-F 2x1   |
| Protection type                         | IP20; IP40 when mated   |

## Plug-in connection

|                               |  |
|-------------------------------|--|
| Mismating protection          | Yes  |
| Note on mismating protection  | All <i>WINSTA</i> ® 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  |
| Note on locking system        | All connectors for mounted installations (snap-in versions for lighting fixtures or devices, all types of PCB and distribution connectors) are factory-equipped with locking levers to ensure plugs and sockets are securely locked. Additional locking levers are only required for flying leads (plug/socket). |

## Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | white  |
| Insulation material (main housing) | Polyamide (PA66)   |
| Fire class per EN 50575            | E <sub>ca</sub>  |
| Contact material                   | Copper or copper alloy; surface-treated                                  |
| Contact Plating                    | Tin  |
| Fire load                          | 209.686 MJ   |
| Connector color                    | white  |
| Strain relief color                | white  |
| Sheathed cable color               | white  |

### Material data

|                                  |             |
|----------------------------------|-------------|
| Printing color of sheathed cable | black       |
| Halogen-free                     | No          |
| Silicon-free                     | Yes         |
| Sheath material                  | PVC         |
| Rubber cable                     | No          |
| Weight                           | 403.7 g     |
| Copper weight of the raw cable   | 0.0192 kg/m |

### Environmental requirements

|  |   |
|--|---|
| Processing temperature                   | -5 ... +40 °C   |
| Continuous operating temperature         | -35 ... +85 °C  |
| Note on continuous operating temperature | Cable for temperatures ≤ 70 °C (including halogen-free)<br>Insulating parts for temperatures ≤ 105 °C |

### Commercial data

|                       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | PL            |
| GTIN                  | 4055143362436 |
| Customs tariff number | 85444290900   |

### Product Classification

|             |                      |
|-------------|----------------------|
| UNSPSC      | 26121629             |
| eCl@ss 10.0 | 27-44-06-04          |
| eCl@ss 9.0  | 27-44-06-04          |
| ETIM 9.0    | EC002587             |
| ETIM 10.0   | EC002587             |
| ECCN        | NO US CLASSIFICATION |

### Environmental Product Compliance

|                        |                         |
|------------------------|-------------------------|
| RoHS Compliance Status | Compliant, No Exemption |
|------------------------|-------------------------|

### Downloads

#### Environmental Product Compliance



##### Compliance Search

Environmental Product  
Compliance  
891-8992/205-702



## Documentation

### Bid Text

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| 891-8992/205-702 | 19.02.2019 | xml<br>2.99 KB  |  |
| 891-8992/205-702 | 21.11.2014 | doc<br>24.00 KB |  |

## CAD/CAE-Data

### CAE data

|                                       |   |
|---------------------------------------|---|
| EPLAN Data Portal<br>891-8992/205-702 |  |
| WSCAD Universe<br>891-8992/205-702    |  |

## 1 Compatible Products

### 1.1 Required Accessories

#### 1.1.1 Locking system

##### 1.1.1.1 Locking system



##### [Item No.: 890-111](#)

Locking lever; for flying leads; for tool operation; black



##### [Item No.: 890-131](#)

Locking lever; for flying leads; for tool operation; white



##### [Item No.: 890-101](#)

Locking lever; for manual operation; black



##### [Item No.: 890-121](#)

Locking lever; for manual operation; white

### 1.2 Optional Accessories

#### 1.2.1 Cover

##### 1.2.1.1 Cover



##### [Item No.: 897-2001](#)

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

#### 1.2.2 Installation

##### 1.2.2.1 Mounting accessories



##### [Item No.: 890-310](#)

Mounting carrier; 2- to 5-pole; for flying leads; black



##### [Item No.: 890-311](#)

Mounting carrier; 2- to 5-pole; for flying leads; white

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

Current addresses can be found at: [www.wago.com](http://www.wago.com)