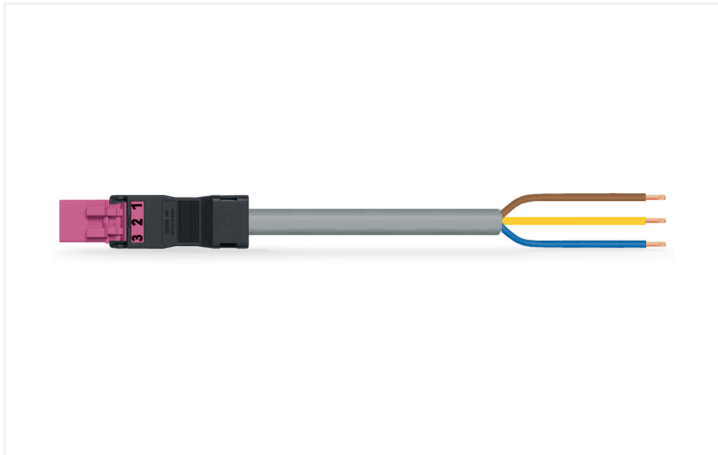


## Data Sheet | Item Number: 891-8993/206-707

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; (H)05VV-F  
3x1,5 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>; pink

<https://www.wago.com/891-8993/206-707>



Color: ■ pink



Dimensions in mm

### Cable assembly WINSTA® MINI with strain relief

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® MINI cable assembly B coding, WAGO pluggable installation connectors can be used when criteria repeat or are planned on a defined pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. B coding enables the WINSTA® MINI pluggable installation connectors to be used for application control in the domains of automation, robotics, and mechanical engineering. WINSTA® MINI satisfies the demand for miniaturisation. Our smallest pluggable connection system is primarily suited for lights, for example, since due to LED technology, these offer significantly less space for the connection technology. This product meets all the relevant fire protection requirements of fire class E; therefore it can be used in areas where fire safety is relevant.

### Fast, secure pluggable connections – cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It offers error-free installation of cables and components, quickly and reliably. Now you can also reduce installation expenses without compromising quality and safety: with marking reduces the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- easy tool-free operation, a wide range of coding options
- for automation controllers
- custom-engineered solutions
- fast, secure installation

### 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

| Ratings per                     | IEC/EN 60664-1 |     |    | Ratings per IEC/EN – Notes |                      |
|---------------------------------|----------------|-----|----|----------------------------|----------------------|
| Overvoltage category            | III            | III | II | Rated current (note)       | 13 A for 3-pole load |
| Pollution degree                | 3              | 2   | 2  |                            |                      |
| Nominal voltage                 | 250 V          | -   | -  |                            |                      |
| Rated impulse withstand voltage | 4 kV           | -   | -  |                            |                      |
| Rated current                   | 16 A           | -   | -  |                            |                      |

## General information

|                            |  |
|----------------------------|--|
| Note on contact resistance | approx. 1 mΩ of contact resistance<br>approx. 0.25 mΩ contact transition plug/<br>socket |
|----------------------------|--|

## Connection Data

|                            |                           | Connection 1                    |                     |
|----------------------------|---------------------------|---------------------------------|---------------------|
| Total number of potentials | 3                         | Strip length                    | 9 mm / 0.35 inches  |
| Conductor preparation      | ultrasonically tip-bonded | Pole number                     | 3                   |
|                            |                           | Wire cross-section              | 1.5 mm <sup>2</sup> |
|                            |                           | Strip length (outer insulation) | 33 mm               |
|                            |                           | Connection type                 | Plug - free end     |

## Physical data

|              |                        |
|--------------|------------------------|
| Pin spacing  | 4.4 mm / 0.173 inches  |
| Width        | 17.9 mm / 0.705 inches |
| Height       | 14 mm / 0.551 inches   |
| Total length | 7 m                    |

## Mechanical data

|   |   |
|---|---|
| Use                                     | 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                              | H05VV-F 3x1.5   |
| 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  |
| 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                              | pink   |
| 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                          | 0.192 MJ   |
| Connector color                    | pink   |
| Strain relief color                | black  |
| Sheathed cable color               | gray   |
| Printing color of sheathed cable   | black  |
| Halogen-free                       | No   |
| Silicon-free                       | Yes  |
| Sheath material                    | PVC  |
| Rubber cable                       | No   |
| Weight                             | 699.5 g  |
| Copper weight of the raw cable     | 0.043 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                  | 4055143515429 |
| 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<br>891-8993/206-707 | <a href="#">↓</a> |
|--|-------------------|

**Documentation**

Bid Text

|                  |            |                 |                   |
|------------------|------------|-----------------|-------------------|
| 891-8993/206-707 | 19.02.2019 | xml<br>3.03 KB  | <a href="#">↓</a> |
| 891-8993/206-707 | 02.12.2014 | doc<br>25.50 KB | <a href="#">↓</a> |

**CAD/CAE-Data**

CAE data





|                                       |                   |
|---------------------------------------|-------------------|
| EPLAN Data Portal<br>891-8993/206-707 | <a href="#">↓</a> |
|---------------------------------------|-------------------|

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Locking system**

**1.1.1.1 Locking system**

|   |   |  |   |
|---|---|--|---|
|              |              |  |  |
| <a href="#">Item No.: 890-111</a><br>Locking lever; for flying leads; for tool operation; black | <a href="#">Item No.: 890-131</a><br>Locking lever; for flying leads; for tool operation; white | <a href="#">Item No.: 890-101</a><br>Locking lever; for manual operation; black      | <a href="#">Item No.: 890-121</a><br>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