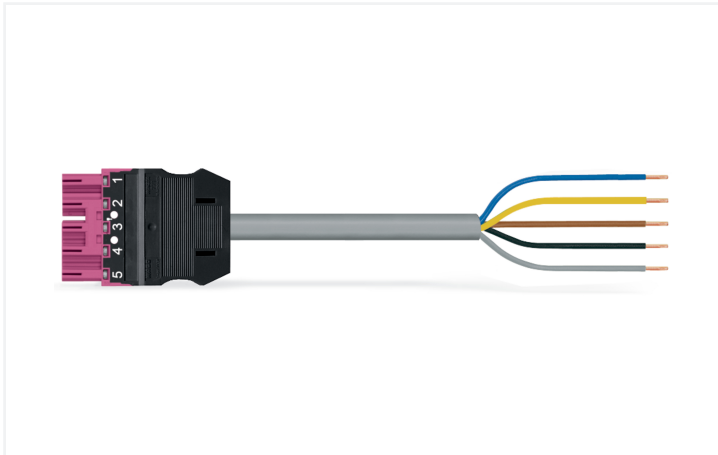


## Data Sheet | Item Number: 771-9995/206-307

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

<https://www.wago.com/771-9995/206-307>



Color: ■ pink



Dimensions in mm

### Cable assembly WINSTA® MIDI 5-pole

The WINSTA® MIDI cable assembly B coding allows installation of fine-stranded and solid conductors. The pluggable installation connectors with spring pressure connection technology work without screw connections. They allow flexible, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). B coding enables the WINSTA® MIDI pluggable installation connectors to be used for application control in automation, mechanical engineering and robotics. The WINSTA® MIDI product line allows maximum flexibility for the electrical installation. With its Push-in CAGE CLAMP® spring pressure connection technology, it achieves error-free, time-saving installation and offers customization and flexibility for meeting all installation requirements. This product meets all the mandatory safety requirements of fire class E; as a result it can be used in domains where fire safety is relevant.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable is pre-assembled with a plug and a free end. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- pluggable installation connectors with protection against mismatching
- for automation controllers
- with B coding for use in process automation, such as lighting technology, among other examples
- exact dimensions
- convenient installation and commissioning

### 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 |     |    |
|---------------------------------|----------------|-----|----|
| Overvoltage category            | III            | III | II |
| Pollution degree                | 3              | 2   | 2  |
| Nominal voltage                 | 400 V          | -   | -  |
| Rated impulse withstand voltage | 6 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

|                            |                           |
|----------------------------|---------------------------|
| Total number of potentials | 5                         |
| Conductor preparation      | ultrasonically tip-bonded |

## Connection 1

|                                 |                     |
|---------------------------------|---------------------|
| Strip length                    | 9 mm / 0.35 inches  |
| Pole number                     | 5                   |
| Wire cross-section              | 1.5 mm <sup>2</sup> |
| Strip length (outer insulation) | 55 mm               |
| Connection type                 | Plug - free end     |

## Physical data

|              |                         |
|--------------|-------------------------|
| Pin spacing  | 10 mm / 0.394 inches    |
| Width        | 47 mm / 1.85 inches     |
| Height       | 15.38 mm / 0.606 inches |
| Total length | 3 m                     |

## Mechanical data

|   |   |
|---|---|
| Use                                     | Control technology  |
| Coding                                  | B   |
| Variable coding                         | Yes   |
| 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                         | Plug - free end   |
| Type of pre-assembled cable             | Connecting cable  |
| Cable type                              | H05VV-F 5x1.5   |
| Protection type                         | IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!) |

## 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                              | 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                          | 0.604 MJ   |
| Connector color                    | pink   |
| Strain relief color                | black  |
| Printing color of strain relief    | white  |
| Sheathed cable color               | gray   |
| Printing color of sheathed cable   | black  |
| Halogen-free                       | No   |
| Silicon-free                       | Yes  |
| Sheath material                    | PVC  |
| Rubber cable                       | No   |
| Weight                             | 512.5 g  |
| Copper weight of the raw cable     | 0.072 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     | DE            |
| GTIN                  | 4055143463348 |
| 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 |  |  | ↓ |
| 771-9995/206-307                 |  |  |   |

**Documentation**

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| Bid Text         |            |                 |   |
| 771-9995/206-307 | 19.02.2019 | xml<br>3.00 KB  | ↓ |
| 771-9995/206-307 | 05.06.2015 | doc<br>26.50 KB | ↓ |

**CAD/CAE-Data**

|                  |  |  |   |
|------------------|--|--|---|
| CAD data         |  |  |   |
| 2D/3D Models     |  |  | ↓ |
| 771-9995/206-307 |  |  |   |

|                   |  |  |   |
|-------------------|--|--|---|
| CAE data          |  |  |   |
| EPLAN Data Portal |  |  | ↓ |
| 771-9995/206-307  |  |  |   |
| ZUKEN Portal      |  |  | ↓ |
| 771-9995/206-307  |  |  |   |

**1 Compatible Products**

**1.1 Required Accessories**

**1.1.1 Locking system**

**1.1.1.1 Locking system**

|   |   |   |   |
|---|---|---|---|
|   |   |   |   |
| <p><a href="#">Item No.: 770-101</a><br/>Locking lever; for flying leads; for manual operation; black</p> | <p><a href="#">Item No.: 770-121</a><br/>Locking lever; for flying leads; for manual operation; white</p> | <p><a href="#">Item No.: 770-111</a><br/>Locking lever; for flying leads; for tool operation; black</p> | <p><a href="#">Item No.: 770-131</a><br/>Locking lever; for flying leads; for tool operation; white</p> |

**1.2 Optional Accessories**

**1.2.1 Cover**

**1.2.1.1 Cover**

|  |  |
|--|--|
|  |  |
| <p><a href="#">Item No.: 770-360</a><br/>Lockout cap; for plugs; 5-pole; separable; yellow</p> | <p><a href="#">Item No.: 897-2005</a><br/>Protective cap; Type4; for sockets and plugs; PVC; red</p> |

## 1.2.2 Installation

### 1.2.2.1 Mounting accessories



**Item No.: 770-310**

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

## 1.2.3 Marking

### 1.2.3.1 Marker



**Item No.: 770-450/000-006**

Marker card; Plastic; blue



**Item No.: 770-450/000-001**

Marker card; Plastic; green



**Item No.: 770-450/000-012**

Marker card; Plastic; orange



**Item No.: 770-450/000-005**

Marker card; Plastic; red



**Item No.: 770-450**

Marker card; Plastic; white



**Item No.: 770-450/000-002**

Marker card; Plastic; yellow

### 1.2.3.2 Marking strip



**Item No.: 210-334**

Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white