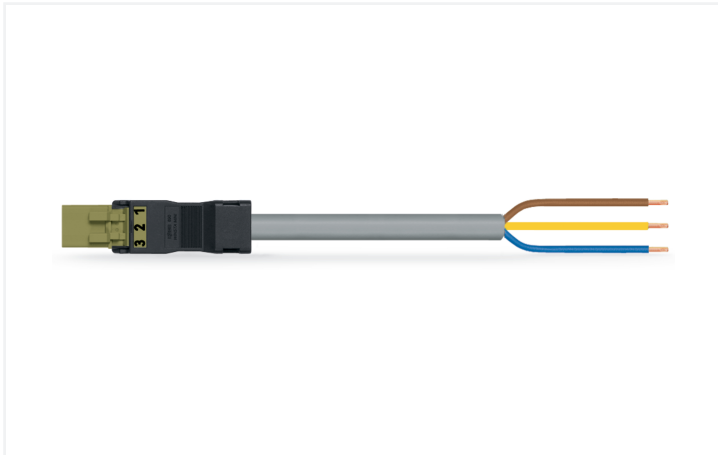


Data Sheet | Item Number: 891-8993/206-705

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B; (H)05VV-F
3x1,5 mm²; 7 m; 1,50 mm²; light green

<https://www.wago.com/891-8993/206-705>



Color: ■ light green



Dimensions in mm

Cable assembly *WINSTA*® MINI with protection against mismatching

The *WINSTA*® MINI cable assembly B coding provides the foundation for installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are used when specifications 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, secure wiring of all components. Solutions like the *WINSTA*® MINI pluggable installation connectors with B coding are appropriate for applications involving process control, such as for lighting or within data networks. Thanks to its particularly minimal dimensions, our *WINSTA*® MINI Pluggable Connection System with Push-in CAGE CLAMP® spring pressure connection technology is very suitable in very restricted spaces, i.e., for connections when very little room is available. This product meets all the relevant safety requirements of fire class E; thus it can be used in areas where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

A plug and a free end are provided. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- effective protection against mismatching
- consistent IP40 protection
- for automation controllers
- custom-engineered solutions
- 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 | | | 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 approx. 0.25 mΩ contact transition plug/ 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 ² |
| | | 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: 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 |
| 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) | Information on material specifications can be found here |
| Color | light green |
| Insulation material (main housing) | Polyamide (PA66) |
| Fire class per EN 50575 | E _{ca} |
| Contact material | Copper or copper alloy; surface-treated |
| Contact Plating | Tin |
| Fire load | 0.193 MJ |
| Connector color | light green |
| 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | PL |
| GTIN | 4055143515313 |
| 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 891-8993/206-705 | ↓ |
|------------------------------------------------------|-------------------|

Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|-------------------|
| 891-8993/206-705 | 19.02.2019 | xml 3.03 KB | ↓ |
| 891-8993/206-705 | 02.12.2014 | doc 25.50 KB | ↓ |

CAD/CAE-Data

CAE data

| | |
|---------------------------------------|-------------------|
| EPLAN Data Portal 891-8993/206-705 | ↓ |
|---------------------------------------|-------------------|

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