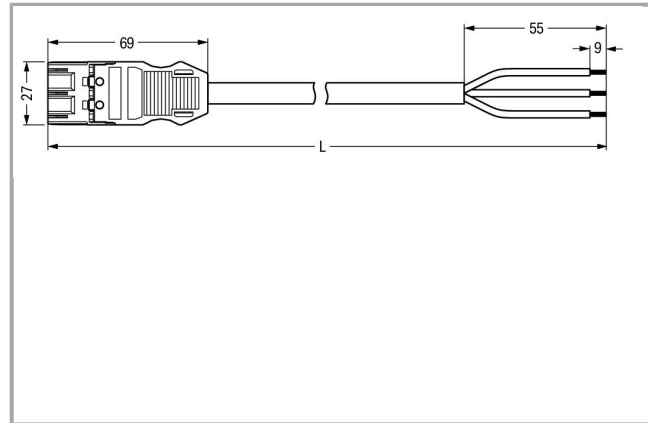
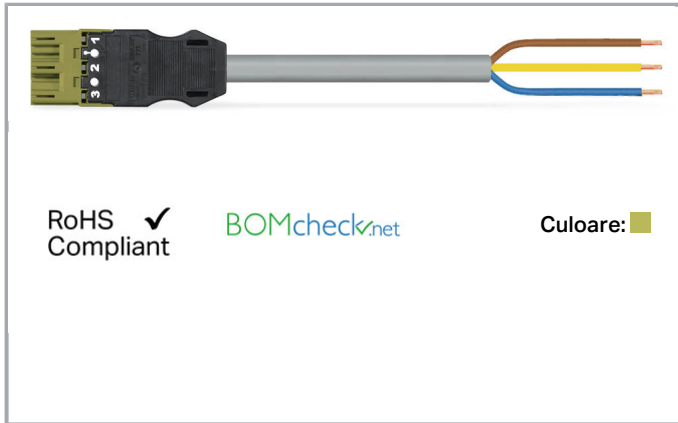


## Fișă tehnică | Număr articol: 771-9993/206-105

pre-assembled connecting cable; Eca; Plug/open-ended; 3-pole; Cod. B;  
H05VV-F 3 x 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; light green

[www.wago.com/771-9993/206-105](http://www.wago.com/771-9993/206-105)



### Descriere articol

- Protected against mismatching and maintenance-free
- Additional variable coding is possible
- Components can be clearly printed on and color-coded to meet custom requirements

### Note:

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

### Note on mismatching protection:

All WINSTA<sup>®</sup> components are 100% protected against mismatching when:

- plugging different numbers of poles
- plugging while rotated 180
- plugging while laterally staggered
- plugging one pole

### Safety information 1:

Application note for the U.S. market (USR): Some versions may also be used for current interruption in accordance with the UL certificate in select applications with currents below 16 A and voltages up to 600 V. For further information, please contact your local sales office.

### Date

### Electrical data

Note on Contact Resistance

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

Supus modificărilor.

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## Ratings per IEC/EN 60664-1

|                             |   |
|-----------------------------|---|
| Ratings per                 | IEC/EN 60664-1  |
| Nominal voltage (III/3)     | 250 V   |
| Rated surge voltage (III/3) | 4 kV  |
| Rated current               | 16 A  |
| Legend (ratings)            | (III / 3) $\hat{=}$ Overvoltage category III / Pollution degree 3 |

## Approvals per UL 1977

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 23 A  |

## Connection data

|                                 |                     |
|---------------------------------|---------------------|
| Pole No.                        | 3                   |
| Total number of potentials      | 3                   |
| Conductor preparation           | tip-bonded          |
| Sheathed cable diameter         | 7,4 ... 9,4 mm      |
| Wire cross-section              | 1,5 mm <sup>2</sup> |
| Strip length (outer insulation) | 55 mm               |
| Connection type                 | Plug - Free end     |

## Geometrical Data

|              |                    |
|--------------|--------------------|
| Pin spacing  | 10 mm / 0.394 inch |
| Total length | 1 m                |

## Mechanical data

|   |  |
|---|--|
| Coding                                  | B  |
| 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) 100 (with resistive load $I_N = 25$ A), tested (4 mm <sup>2</sup> ) |
| Connection type                         | Plug - Free end  |
| Type of pre-assembled cable             | Connecting cable   |
| Cable type                              | Control line 3 x 1.5   |
| Marking                                 | 1 2 3  |

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|                         |   |
|-------------------------|---|
| Protection type         | IP20  |
| Note on protection type | Only when mated (these compact connectors are not designed for use in open, easily accessible areas). |
| Potential marking       | 1 2 3   |

### Plug connection

|                               |               |
|-------------------------------|---------------|
| Mismating protection          | Yes           |
| Locking of plug-in connection | locking lever |
| Locking lever                 | retrofitable  |

### Material Data

|                                  |  |
|----------------------------------|--|
| Color                            | light green                              |
| Insulation material              | Polyamide 66 (PA 66)                     |
| Fire class per EN 50575          | E <sub>ca</sub>                          |
| Contact material                 | Copper or copper alloy (surface-treated) |
| Fire load                        | 1,706 MJ                                 |
| Connector color                  | light green                              |
| Printing color of mating face    | black                                    |
| Strain relief color              | black                                    |
| Printing color of strain relief  | white                                    |
| Sheathed cable color             | gray                                     |
| Printing color of sheathed cable | black                                    |
| Sheath material                  | PVC                                      |
| Weight                           | 99,9 g                                   |

### 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

|                       |               |
|-----------------------|---------------|
| Packaging type        | not packed    |
| Country of origin     | DE            |
| GTIN                  | 4050821621775 |
| Customs tariff number | 85444290900   |



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## Aprobări / certificate







## Country specific Approvals

| Embleă   | Aprobare                              | Text de aprobare suplimentar | Nume certificat |
|--|---------------------------------------|------------------------------|-----------------|
|  | CCA<br>DEKRA Certification B.V.       | EN 61535                     | NTR NL-7355     |
|  | KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535                     | 2179129.01      |

## Counterpart

## Produce compatibile

## Marking accessories

|  |  |  |
|--|--|--|
|  | <b>Nr. articol: 210-334</b><br>Marking strips; as a DIN A4 sheet; Strip width 5 mm; Strip length 182 mm; plain; Self-adhesive; white | <a href="http://www.wago.com/210-334">www.wago.com/210-334</a>                 |
|  | <b>Nr. articol: 770-450</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450">www.wago.com/770-450</a>                 |
|  | <b>Nr. articol: 770-450/000-001</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450/000-001">www.wago.com/770-450/000-001</a> |
|  | <b>Nr. articol: 770-450/000-002</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450/000-002">www.wago.com/770-450/000-002</a> |
|  | <b>Nr. articol: 770-450/000-005</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450/000-005">www.wago.com/770-450/000-005</a> |
|  | <b>Nr. articol: 770-450/000-006</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450/000-006">www.wago.com/770-450/000-006</a> |
|  | <b>Nr. articol: 770-450/000-012</b><br>Marker card; Plastic; white   | <a href="http://www.wago.com/770-450/000-012">www.wago.com/770-450/000-012</a> |

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## Installation Notes

## Familie de produse

*WINSTA*® MIDI special

Afișare globală produse din familie.

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