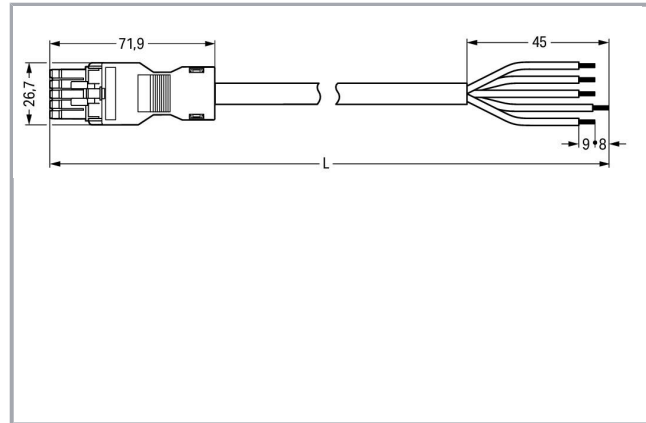
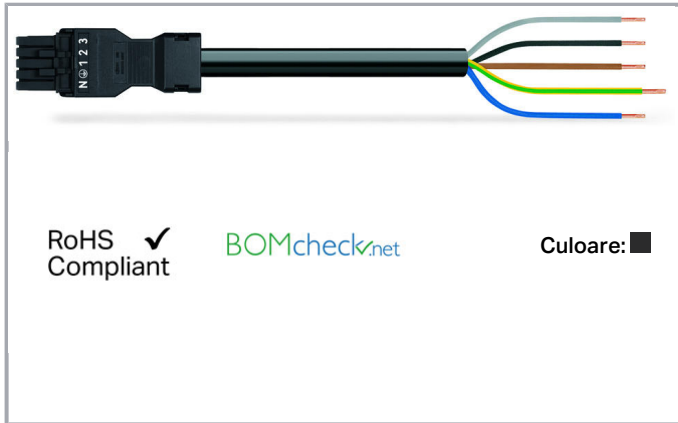


## Fișă tehnică | Număr articol: 891-8995/116-201

pre-assembled connecting cable; Eca; Socket/open-ended; 5-pole; Cod. A;  
H05Z1Z1-F 5G 1.5 mm<sup>2</sup>; 2 m; 1,50 mm<sup>2</sup>; black

[www.wago.com/891-8995/116-201](http://www.wago.com/891-8995/116-201)



### Descriere articol

- Protected against mismatching and maintenance-free
- Compact design with 4.4 mm pole spacing

### 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 5 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.

WAGO Kontakttechnik GmbH & Co. KG  
/Representative Office Romania  
Sos. Pipera-Tunari nr. 1/1  
building 1, 2nd floor | 077190 Voluntari, Ilfov  
Tel.: +40-(0)31 421 85 68 | Email: info-RO@wago.com

Aveți întrebări despre produsele noastre?  
Vă stăm la dispoziție pentru preluarea apelului la +40 (0) 31 421 85 68.

**Ratings per IEC/EN 60664-1**

|                             |   |
|-----------------------------|---|
| Ratings per                 | IEC/EN 60664-1  |
| Nominal voltage (III/3)     | 400 V   |
| Rated surge voltage (III/3) | 6 kV  |
| Rated current               | 13 A  |
| Legend (ratings)            | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

**Approvals per UL 1977**

|                       |       |
|-----------------------|-------|
| Rated voltage UL 1977 | 600 V |
| Rated current UL 1977 | 12 A  |

**Connection data**

|                                 |                     |
|---------------------------------|---------------------|
| Strip length                    | 9 mm / 0.35 inch    |
| Pole No.                        | 5                   |
| Total number of potentials      | 5                   |
| Conductor preparation           | tip-bonded          |
| Sheathed cable diameter         | 9,3 ... 11,6 mm     |
| Wire cross-section              | 1,5 mm <sup>2</sup> |
| Strip length (outer insulation) | 45 mm               |
| Connection type                 | Socket - Free end   |

**Geometrical Data**

|              |                     |
|--------------|---------------------|
| Pin spacing  | 4,4 mm / 0.173 inch |
| Total length | 2 m                 |

**Mechanical data**

|   |   |
|---|---|
| Coding                                  | A   |
| 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<br>100, with resistive load $I_N = 16$ A, tested (1.5mm <sup>2</sup> /AWG 16) |
| Connection type                         | Socket - free end   |

Supus modificărilor.



|                             |                            |
|-----------------------------|----------------------------|
| Type of pre-assembled cable | Connecting cable           |
| Cable type                  | H05Z1Z1-F 5G1.5            |
| Marking                     | N 1 2 3                    |
| Protection type             | IP40                       |
| Potential marking           | N 1 2 3                    |
| Application                 | General mains applications |

### Plug connection

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

### Material Data

|                                  |  |
|----------------------------------|--|
| Color                            | black                                    |
| 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                        | 4,68 MJ                                  |
| Connector color                  | black                                    |
| Printing color of mating face    | white                                    |
| Strain relief color              | black                                    |
| Printing color of strain relief  | white                                    |
| Sheathed cable color             | black                                    |
| Printing color of sheathed cable | white                                    |
| Halogen-free                     | Yes                                      |
| Weight                           | 301,5 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 | PL         |

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GTIN 4055143399692

Customs tariff number 85444290900

## Aprobări / certificate

### Country specific Approvals

| Emblemă  | Aprobare                                     | Text de aprobare suplimentar | Nume certificat |
|--|--|------------------------------|-----------------|
|  | <b>KEMA/KEUR</b><br>DEKRA Certification B.V. | EN 61535                     | 2179129.02      |

## Counterpart

### Descărcări

#### CAD/CAE-Data

#### CAE data

WSCAD Universe 891-8995/116-201

URL

Descărcare

## Installation Notes

## Familie de produse

<i>WINSTA</i>® MINI

Afișare globală produse din familie.

Supus modificărilor.

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