

**Data Sheet | Item Number: 774-9994/006-801**

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F  
4G 1.5 mm<sup>2</sup>; 8 m; 1,50 mm<sup>2</sup>; black

<https://www.wago.com/774-9994/006-801>



Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® RD A coding

The *WINSTA*® RD cable assembly rated current 16 A provides the foundation for installation of fine-stranded and solid conductors. WAGO pluggable installation connectors are used when specifications repeat or are distributed on a defined pattern, for example for installing grid lighting or flush-mount lighting. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching.

The pluggable installation connector offers touch-proof protection with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is equipped with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with fire class E from WAGO makes the electrical installation of electrical components visibly easier.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- for any mains application
- flexible installation to save space
- convenient installation and commissioning

## Notes

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

## Electrical data

| Ratings per                     | IEC/EN 60664-1 |     |    |
|---------------------------------|----------------|-----|----|
| Overtoltage category            | III            | III | II |
| 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

Total number of potentials 4

## Connection 1

Pole number 4  
Wire cross-section 1.5 mm<sup>2</sup>  
Connection type Socket - Plug

## Physical data

Width 17.5 mm / 0.689 inches  
Height 17.5 mm / 0.689 inches  
Total length 8 m

## Mechanical data

|   |   |
|---|---|
| Use                                     | General mains applications  |
| Coding                                  | A   |
| Variable coding                         | No  |
| Marking                                 | N ⊕ 2 1   |
| Mating force of a plug-in connection    | Approx. 30 ... 70 N (depending on pole number)  |
| Retention force of a plug-in connection | when locked: > 80N  |
| Unmating force of a plug-in connection  | Unlocked: approx. 30 ... 70 N (depending on pole number)  |
| Number of mating cycles                 | 200, without resistive load   |
| Connection type                         | Socket - Plug   |
| Type of pre-assembled cable             | Interconnecting cable   |
| Cable type                              | H05VV-F 4G1.5   |
| 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 WINSTA® components are 100% protected against mismating when:<br>a.) plugging different numbers of poles<br>b.) plugging while incorrectly rotated<br>c.) plugging while laterally staggered |
| Locking lever                 | Yes  |
| Locking of plug-in connection | Locking lever  |

### Material data

|                                    |  |
|------------------------------------|--|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | black  |
| 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                          | 238.824 MJ   |
| Connector color                    | black  |
| Strain relief color                | black  |
| Sheathed cable color               | black  |
| Printing color of sheathed cable   | white  |
| Halogen-free                       | No   |
| Silicon-free                       | Yes  |
| Sheath material                    | PVC  |
| Rubber cable                       | No   |
| Weight                             | 1048.7 g   |
| Copper weight of the raw cable     | 0.058 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                  | 4045454325800 |
| 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

**Approvals / Certificates**

**General approvals** **Declarations of conformity and manufacturer's declarations**



| Approval                              | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CCA<br>DEKRA Certification B.V.       | EN 61535 | NTR NL-7969      |
| CCA<br>DEKRA Certification B.V.       | EN 61984 | NTR NL-7848      |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61535 | 71-123229        |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61984 | 71-114944        |
| KEMA/KEUR<br>DEKRA Certification B.V. | -        | 2118353.01       |

| Approval   | Standard | Certificate Name |
|--|----------|------------------|
| EU-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |
| UK-Declaration of Conformity<br>WAGO GmbH & Co. KG | -        | -                |

**Downloads**

**Environmental Product Compliance**

**Compliance Search**

|  |   |
|--|---|
| Environmental Product Compliance<br>774-9994/006-801 | ↓ |
|--|---|

**Documentation**

**Bid Text**

|                  |            |                 |   |
|------------------|------------|-----------------|---|
| 774-9994/006-801 | 19.02.2019 | xml<br>2.95 KB  | ↓ |
| 774-9994/006-801 | 08.01.2015 | doc<br>24.00 KB | ↓ |

**CAD/CAE-Data**

**CAE data**

|                                       |   |
|---------------------------------------|---|
| EPLAN Data Portal<br>774-9994/006-801 | ↓ |
| WSCAD Universe<br>774-9994/006-801    | ↓ |

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: [www.wago.com](http://www.wago.com)