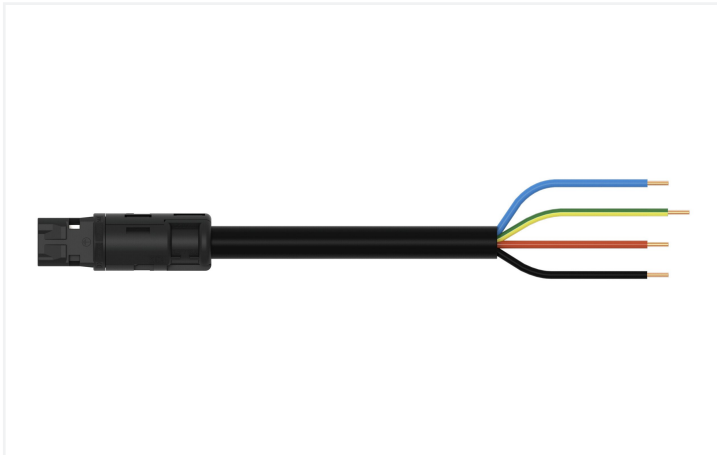


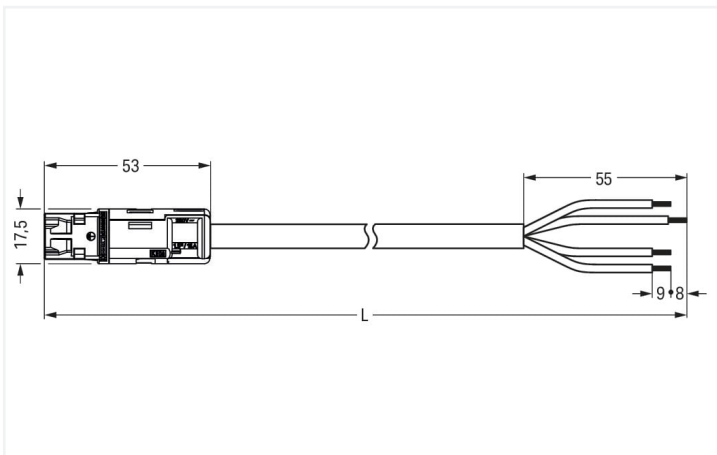
## Data Sheet | Item Number: 774-9994/206-101

pre-assembled connecting cable; Eca; Plug/open-ended; 4-pole; Cod. A; H05VV-F  
4G 1.5 mm<sup>2</sup>; 1 m; 1,50 mm<sup>2</sup>; black

<https://www.wago.com/774-9994/206-101>



Color: ■ black



Dimensions in mm



Cable assembly WINSTA® RD 4-pole

For signal and power transmission: The WINSTA® RD cable assembly with protection against mismating. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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!)). The WINSTA® RD offers a round design that is ideal for installation in conduits with an inner diameter of 20 mm, for example in the prefabricated house sector. Building safety must be ensured at all times, even after the electrical installation stage. The required safety requirements in connection with EU CPR are fully satisfied by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is equipped 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. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with marking from WAGO.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- suitable for any application
- ready for immediate use
- fast, secure installation

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

| Electrical data      |  |                |     |    |
|----------------------|--|----------------|-----|----|
| Ratings per          |  | IEC/EN 60664-1 |     |    |
| Overvoltage category |  | III            | III | II |
| Pollution degree     |  | 3              | 2   | 2  |
| Nominal voltage      |  | 250 V          | -   | -  |
| Rated surge voltage  |  | 4 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 | 4                         |  |
| Conductor preparation      | ultrasonically tip-bonded |  |

| Connection 1                    |                    |
|---------------------------------|--------------------|
| Strip length                    | 9 mm / 0.35 inches |
| Pole number                     | 4                  |
| Sheathed cable diameter         | 8.4 ... 10.5 mm    |
| Wire cross-section              | 1.5 mm²            |
| Strip length (outer insulation) | 55 mm              |
| Connection type                 | Plug - free end    |

| Physical data |                        |
|---------------|------------------------|
| Width         | 17.5 mm / 0.689 inches |
| Height        | 17.5 mm / 0.689 inches |
| Total length  | 1 m                    |

## Mechanical data

|                                         |                                                                                                               |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Application                             | 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                         | Plug - free end                                                                                               |
| Type of pre-assembled cable             | Connecting 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 of plug-in connection | Locking lever                                                                                                                                                                                    |

## Material data

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Note (material data)             | <a href="https://www.wago.com/us/material-specifications">Information on material specifications can be found here</a> |
| Color                            | black                                                                                                                  |
| Insulation material              | Polyamide (PA66)                                                                                                       |
| Fire class per EN 50575          | E <sub>ca</sub>                                                                                                        |
| Contact material                 | Copper or copper alloy; surface-treated                                                                                |
| Contact plating                  | Tin                                                                                                                    |
| Fire load                        | 29.441 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                           | 133.7 g                                                                                                                |
| Copper weight of the pipe        | 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       |               |
|-----------------------|---------------|
| eCl@ss 10.0           | 27-44-06-04   |
| eCl@ss 9.0            | 27-44-06-04   |
| ETIM 8.0              | EC002587      |
| ETIM 7.0              | EC002587      |
| PU (SPU)              | 1 pcs         |
| Packaging type        | unpacked      |
| Country of origin     | DE            |
| GTIN                  | 4045454346256 |
| Customs tariff number | 85444290900   |

| Environmental Product Compliance |                        |
|----------------------------------|------------------------|
| RoHS Compliance Status           | Compliant,No Exemption |

Approvals / Certificates

| General approvals                                                                                                        |          | Declarations of conformity and manufacturer's declarations |
|--------------------------------------------------------------------------------------------------------------------------|----------|------------------------------------------------------------|
| <div>CCA CCA</div> <div><div>KEMA</div><div>KEUR</div><div>KEMA</div><div>KEUR</div><div>KEMA</div><div>KEUR</div></div> |          |                                                            |
| 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.                                                                                    | -        | 2118353.02                                                 |
| Approval                                                                                                                 | Standard | Certificate Name                                           |
| EU-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                  | -        | -                                                          |
| UK-Declaration of Confor-<br>mity<br>WAGO GmbH & Co. KG                                                                  | -        | -                                                          |

Downloads

| Environmental Product Compliance                        |  |
|---------------------------------------------------------|--|
| Compliance Search                                       |  |
| Environmental Product<br>Compliance<br>774-9994/206-101 |  |

Documentation

| Bid Text         |            |                 |  |
|------------------|------------|-----------------|--|
| 774-9994/206-101 | 19.02.2019 | xml<br>2.97 KB  |  |
| 774-9994/206-101 | 08.01.2015 | doc<br>24.00 KB |  |



| CAD/CAE-Data                          |  |
|---------------------------------------|--|
| CAE data                              |  |
| EPLAN Data Portal<br>774-9994/206-101 |  |
| WSCAD Universe<br>774-9994/206-101    |  |