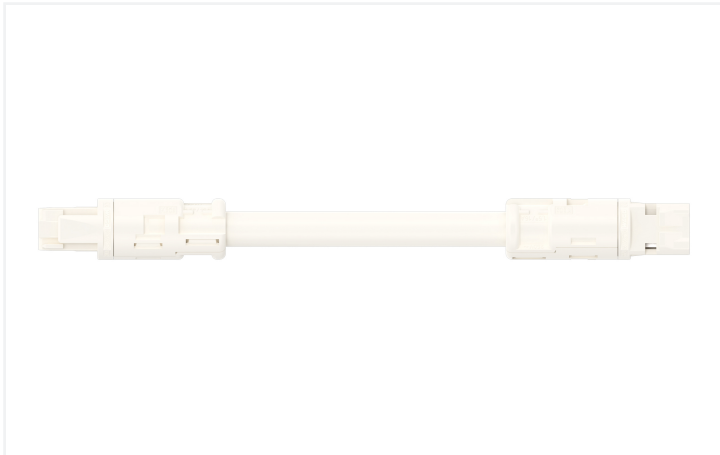


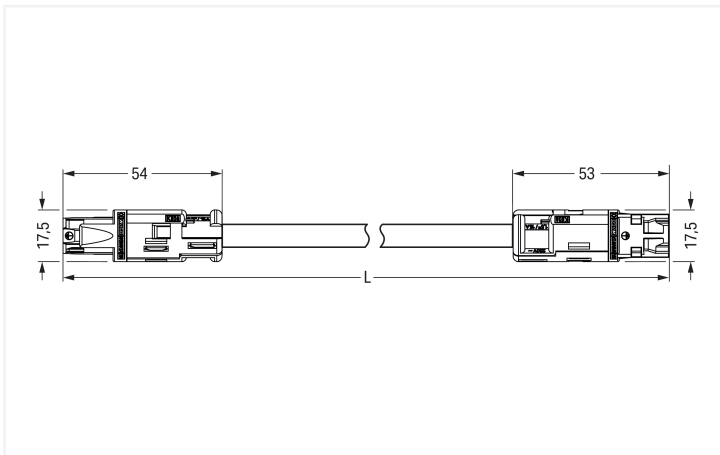
Data Sheet | Item Number: 774-9994/006-102

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F
4G 1.5 mm²; 1 m; 1,50 mm²; white

<https://www.wago.com/774-9994/006-102>



Color: ■ white



Dimensions in mm

Cable assembly WINSTA® RD with protection against mismatching

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly rated current 16 A. Our pluggable installation connectors with spring pressure connection technology function without screw connections. They allow flexible, error-free installation in a large number of applications. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation

connector is protected against ingress by solid objects 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 features a round design that is ideal for use in conduits with an inner diameter of 20 mm, such as in construction of prefabricated houses. This product meets all the relevant fire protection requirements of fire class E; thus it can be used in domains where fire safety is relevant.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are provided. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with locking lever from WAGO.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with A coding for a great number of applications
- ready to install and use immediately
- quick replacement of defective units during ongoing operation

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 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 mm²
Connection type Socket - Plug

Physical data

Width 17.5 mm / 0.689 inches
Height 17.5 mm / 0.689 inches
Total length 1 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: a.) plugging different numbers of poles b.) plugging while incorrectly rotated c.) plugging while laterally staggered |
| Locking lever | Yes |
| Locking of plug-in connection | Locking lever |

Material data

| | |
|------------------------------------|--|
| Note (material data) | Information on material specifications can be found here |
| Color | white |
| 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 | 28.824 MJ |
| Connector color | white |
| Strain relief color | white |
| Sheathed cable color | white |
| Printing color of sheathed cable | black |
| Halogen-free | No |
| Silicon-free | Yes |
| Sheath material | PVC |
| Rubber cable | No |
| Weight | 138.7 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|-----------------------|---------------|
| PU (SPU) | 1 pcs |
| Packaging type | unpacked |
| Country of origin | DE |
| GTIN | 4045454325671 |
| 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



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

Declarations of conformity and manufacturer's declarations

| Approval | Standard | Certificate Name |
|---|----------|------------------|
| EU-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |
| UK-Declaration of Confor- mity WAGO GmbH & Co. KG | - | - |

Downloads

Environmental Product Compliance

Compliance Search

| | |
|--|---|
| Environmental Product Compliance 774-9994/006-102 | ↓ |
|--|---|

Documentation

Bid Text

| | | | |
|------------------|------------|-----------------|---|
| 774-9994/006-102 | 19.02.2019 | xml 2.95 KB | ↓ |
| 774-9994/006-102 | 08.01.2015 | doc 24.00 KB | ↓ |

CAD/CAE-Data

CAE data

| | |
|---------------------------------------|---|
| EPLAN Data Portal 774-9994/006-102 | ↓ |
| WSCAD Universe 774-9994/006-102 | ↓ |

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

Current addresses can be found at: www.wago.com