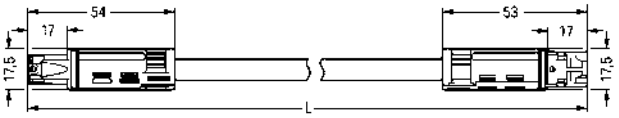
# Data sheet | Item number: 774-9994/006-501

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F 4G 1.5 mm²; 5 m; 1,50 mm²; black

www.wago.com/774-9994_006-501

RoHS Compliant ✓ BOMcheck.net Color: ■




## Item description

- For round conduits and ducts
- 3- and 4-pole preassembled cables with 17.5 mm outer diameter for easy plug & play
- Plug-in integration into the electrical installation of hollow-wall boxes via adapter, for example

**Note:**

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

**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

## Data

### Electrical data

| | |
|---|---|
| Note on Contact Resistance | approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/socket |

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

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We are always happy to take your call at +49 (571) 887-44222.

## Ratings per IEC/EN 60664-1

| | |
|---|---|
| Ratings per | IEC/EN 60664-1 |
| Rated voltage (III / 3) | 250 V |
| Rated impulse voltage (III / 3) | 4 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

## Connection data

| | |
|---|---|
| No. of poles | 4 |
| Total number of potentials | 4 |
| Conductor preparation | tip-bonded |
| Cable diameter | 8,4 … 10,5 mm |
| Cross section of single conductor | 1.5 mm² |
| Connection type | Socket - Plug |

## Geometrical Data

| | |
|---|---|
| Total length | 5 m |

## Mechanical data

| | |
|---|---|
| Coding | A |
| 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 | when unlocked: approx. 30 … 70 N (depending on pole number) |
| Number of mating cycles | 200, without resistive load<br>100, with resistive load $I_N$ = 20 A, tested (2.5mm²/AWG 14) |
| Connection type | Socket - Plug |
| Type of cable assembly | Interconnecting cable |
| Type of cable | H05VV-F 4G1.5 |
| Marking | N 2 1 |
| Protection class | IP20 |
| Note on protection class | Only when mated (these compact connectors are not designed for use in open, easily accessible areas). |
| Application | General mains applications |

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## Plug connection

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

## Material Data

| | |
|---|---|
| Color | black |
| Insulating material | Polyamide 66 (PA 66) |
| Reaction to fire class per EN 50575 | $E_{ca}$ |
| Contact material | Copper or copper alloy (surface-treated) |
| Fire load | 11.016 MJ |
| Connector color | black |
| Strain relief color | black |
| Sheath material | PVC |
| Weight | 658.7 g |

## Environmental Requirements

| | |
|---|---|
| Processing temperature | -5 … +40 °C |
| Continuous operating temperature | -35 … +85 °C |
| Note on Continuous Service 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 | 4045454325749 |
| Customs Tariff No. | 85444290900 |

## Approvals / Certificates

### Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|---|---|---|---|
| CCA | **CCA**<br>DEKRA Certification B.V. | - | NTR NL 6374 |

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| | | |
|---|---|---|
| **KEMA/KEUR**<br>DEKRA Certification B.V. | - | 2118353.02 |

## Counterpart

## Downloads

### Documentation

**Bid Text**

| | | | |
|---|---|---|---|
| 774-9994/006-501<br>doc - Datei | Jan 8, 2015 | doc<br>24.6 kB | Download |
| 774-9994/006-501<br>GAEB X81 - Datei | Feb 19, 2019 | xml<br>3.0 kB | Download |

## CAD/CAE-Data

**CAE data**

| | | |
|---|---|---|
| WSCAD Universe 774-9994/006-501 | URL | Download |

## Installation Notes

## Product family

**WINSTA® RD**
Show all products from the family

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