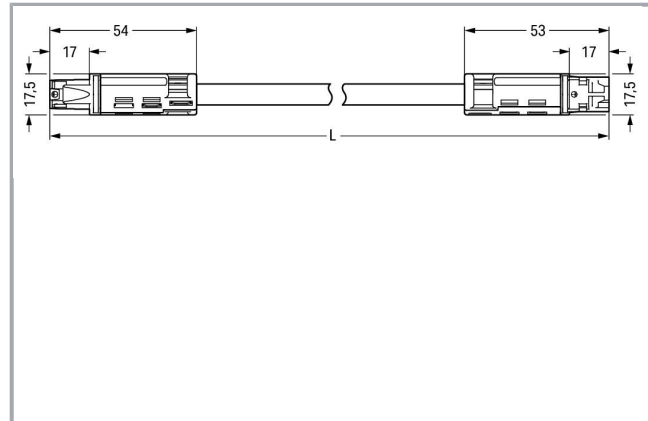


Data sheet | Item number: 774-9993/007-302

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A;
H05VV-F 3G 2.5 mm²; 3 m; 2,50 mm²; white



www.wago.com/774-9993/007-302



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 mismatching protection:

All WINSTA[®] components are 100% protected against mismatching 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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Do you have any questions about our products?
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 | 20 A |
| Legend (ratings) | (III / 3) ≙ Overvoltage category III / Pollution degree 3 |

Connection data

| | |
|-----------------------------------|-------------------------------|
| No. of poles | 3 |
| Total number of potentials | 3 |
| Ground function | with preceding ground contact |
| Conductor preparation | tip-bonded |
| Cable diameter | 9,2 ... 11,4 mm |
| Cross section of single conductor | 2.5 mm ² |
| Connection type | Socket - Plug |

Geometrical Data

| | |
|--------------|-----|
| Total length | 3 m |
|--------------|-----|

Mechanical data

| | |
|---|---|
| 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 100, with resistive load $I_N = 20$ A, tested (2.5mm ² /AWG 14) |
| Connection type | Socket - Plug |
| Type of cable assembly | Interconnecting cable |
| Type of cable | H05VV-F 3G2.5 |
| Marking | L N |
| 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 |

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



Plug connection

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

Material Data

| | |
|-------------------------------------|--|
| Color | white |
| 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 | 8.156 MJ |
| Connector color | white |
| Strain relief color | white |
| Sheath material | PVC |
| Weight | 487.6 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) Insulating parts for temperatures ≤ 105 °C |

Commercial data

| | |
|--------------------|---------------|
| Packaging type | not packed |
| Country of origin | DE |
| GTIN | 4045454320690 |
| Customs Tariff No. | 85444290900 |

Approvals / Certificates

Country specific Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|---------------------------------|--------------------------|------------------|
|  | CCA DEKRA Certification B.V. | - | NTR NL 6374 |
| | KEMA/KEUR | - | 2118353.02 |

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DEKRA Certification B.V.



Counterpart

Downloads

CAD/CAE-Data

CAE data

WSCAD Universe 774-9993/007-302

URL

Download

Installation Notes

Product family

WINSTA® RD

[Show all products from the family](#)

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

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