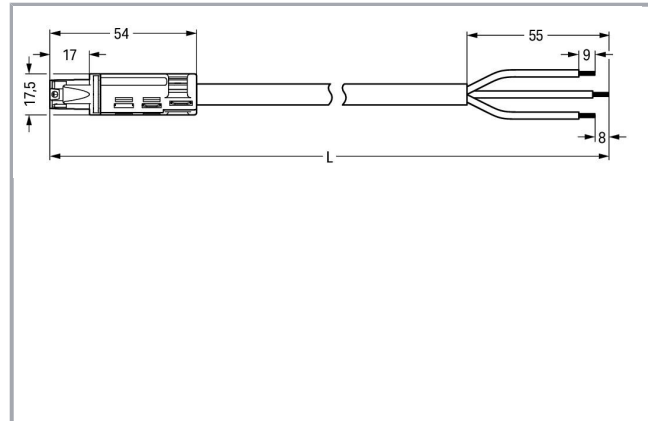
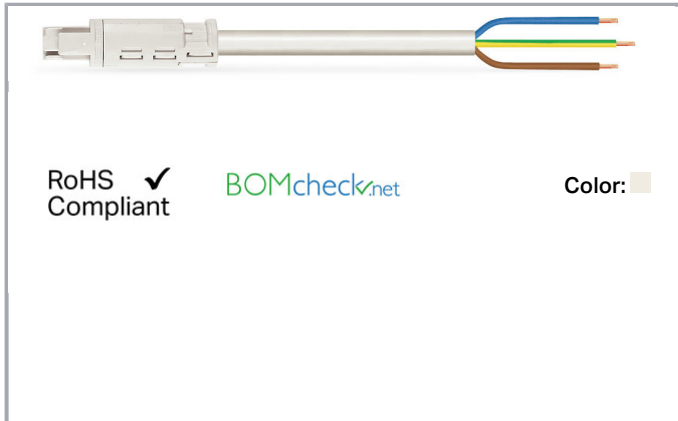


## Data sheet | Item number: 774-9993/107-302

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A;  
H05VV-F 3G 2.5 mm<sup>2</sup>; 3 m; 2,50 mm<sup>2</sup>; white



[www.wago.com/774-9993/107-302](http://www.wago.com/774-9993/107-302)



### 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<sup>®</sup> 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 m $\Omega$  of contact resistance approx. 0.25 m $\Omega$  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) $\hat{=}$ 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 <sup>2</sup>
Strip length	55 mm
Connection type	Socket - Free end

## Geometrical Data

Total length	3 m
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## 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 <sup>2</sup> /AWG 14)

Connection type	Socket - Free end
Type of cable assembly	Connecting 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).

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



Application	General mains applications
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**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 <sub>ca</sub>
Contact material	Copper or copper alloy (surface-treated)
Fire load	8.059 MJ
Connector color	white
Strain relief color	white
Sheath material	PVC
Weight	485 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	4045454322908
Customs Tariff No.	85444290900

**Approvals / Certificates****Country specific Approvals**

Logo	Approval	Additional Approval Text	Certificate name
	CCA DEKRA Certification B.V.	-	NTR NL 6374

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KEMA/KEUR  
DEKRA Certification B.V.

-

2118353.01

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## Counterpart

## Downloads

### CAD/CAE-Data

#### CAD data

2D/3D Models 774-9993/107-302

[URL](#)

[Download](#)

#### CAE data

WSCAD Universe 774-9993/107-302

[URL](#)

[Download](#)

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## 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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