

**Data Sheet | Item Number: 774-9994/006-601**

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05VV-F  
4G 1.5 mm<sup>2</sup>; 6 m; 1,50 mm<sup>2</sup>; black

<https://www.wago.com/774-9994/006-601>



Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® RD with strain relief

The *WINSTA*® RD cable assembly with protection type IP20 is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The pluggable installation connectors with spring pressure connection technology function without screw connections. They allow flexible, error-free installation in numerous applications. For greater security in electrical installations, the pluggable installation connector is equipped with me-

mechanical protection against mismatching. The pluggable installation connector is protected in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with energised elements. The WINSTA® RD offers a round design that is perfect for installation in conduits with an inner diameter of 20 mm, such as in the prefabricated house sector. This product meets all the mandatory fire protection requirements of fire class E; thus it can be used in areas where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a plug. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection against mismatching from WAGO.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- for any mains application
- flexible installation to save space
- 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 mm<sup>2</sup>  
Connection type Socket - Plug

## Physical data

Width 17.5 mm / 0.689 inches  
Height 17.5 mm / 0.689 inches  
Total length 6 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

### Mechanical data

Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
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### Plug-in connection

Mismating protection	Yes
Note on mismating protection	All <i>WINSTA</i> ® 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)	<a href="#">Information on material specifications can be found here</a>
Color	black
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E <sub>ca</sub>
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	178.824 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	788.7 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	4045454325763
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
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**Approvals / Certificates**

**General approvals** **Declarations of conformity and manufacturer's declarations**



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

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 774-9994/006-601	↓
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**Documentation**

**Bid Text**

774-9994/006-601	19.02.2019	xml 2.95 KB	↓
774-9994/006-601	08.01.2015	doc 24.00 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal  
774-9994/006-601



WSCAD Universe  
774-9994/006-601

