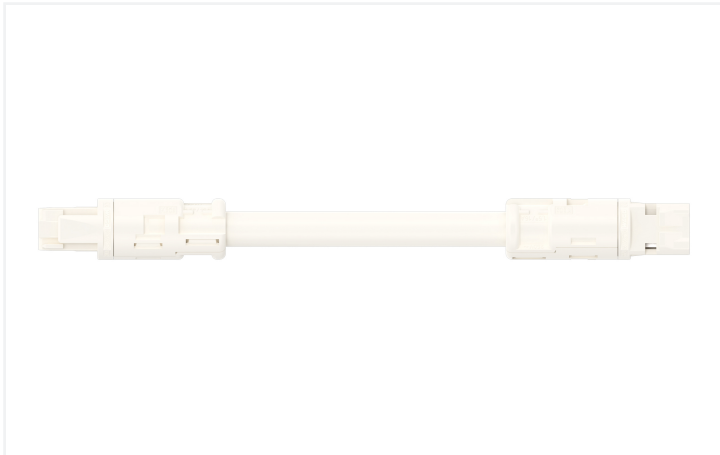


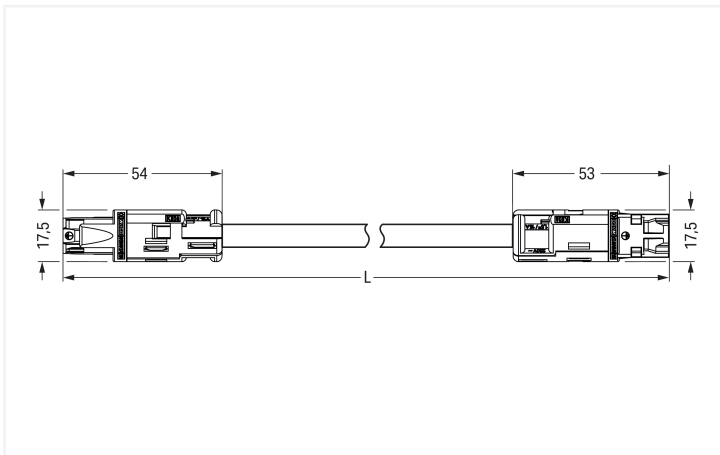
**Data Sheet | Item Number: 774-9994/016-702**

pre-assembled interconnecting cable; Eca; Socket/plug; 4-pole; Cod. A; H05Z1Z1-F  
4G 1.5 mm<sup>2</sup>; 7 m; 1,50 mm<sup>2</sup>; white

<https://www.wago.com/774-9994/016-702>



Color: ■ white



Dimensions in mm

**Cable assembly WINSTA® RD 4-pole**

The WINSTA® RD cable assembly A coding allows assembly of solid and fine-stranded conductors. Our pluggable installation connectors with spring pressure connection technology function entirely without screw connections. They allow resource-efficient, error-free installation in numerous possible uses. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – in-

cluding protection against mismatching. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). WINSTA® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. This product meets all the relevant safety requirements of fire class E; thus it can be used in domains where fire safety is relevant. In the production of this cable assembly, we eliminated the use of halogen. This is an important contribution to climate protection.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a socket and a plug. The WINSTA® Pluggable Connection System is ideally tailored to the strict requirements of building installation. It makes electrical installation pluggable, and consequently more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and installation errors at the construction site. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- pluggable installation connectors with protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for a great number of uses
- custom-engineered solutions
- rapid, structured electrical installation

## 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 7 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 H05Z1Z1-F 4G1.5

### Mechanical data

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 <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	white
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	208.824 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	835.3 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	4045454345754
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** **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 774-9994/016-702	↓
--	---

**Documentation**

**Bid Text**

774-9994/016-702	19.02.2019	xml 2.97 KB	↓
774-9994/016-702	08.01.2015	doc 23.50 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal  
774-9994/016-702



WSCAD Universe  
774-9994/016-702

