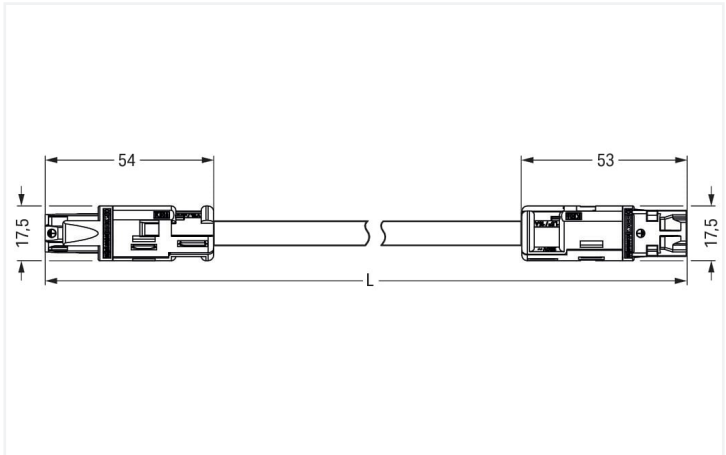




Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® RD rated current 16 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® RD cable assembly with protection against mismatching. The color coding and mechanical coding of the pluggable installation connector ensure error-free installation of the individual components – including 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!)). This means that users' fingers will never come into contact with live elements. *WINSTA*® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are fully satisfied by this product through fire class E. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials do not easily ignite.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are available. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology tool! Plan your installation with with fire class E from WAGO.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- for any mains application
- ready for immediate use
- quick replacement of defective units during ongoing operation

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

Electrical data					General information	
Ratings per		IEC/EN 60664-1			Note on contact resistance	
Overvoltage category		III	III	II	approx. 1 mΩ of contact resistance	
Pollution degree		3	2	2	approx. 0.25 mΩ contact transition plug/ socket	
Nominal voltage	250 V	-	-	-		
Rated surge voltage	4 kV	-	-	-		
Rated current	16 A	-	-	-		



Connection data		
Total number of potentials	3	Connection 1
PE function	Preceding PE contact	
		Pole number3
		Sheathed cable diameter7.4 ... 9.4 mm
		Wire cross-section1.5 mm²
		Connection typeSocket - Plug
Physical data		
Width	17.5 mm / 0.689 inches	
Height	17.5 mm / 0.689 inches	
Total length	7 m	
Mechanical data		
Application	General mains applications	
Coding	A	
Variable coding	No	
Marking	L N	
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 3G1.5	
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 WINSTA® 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)	Information on material specifications can be found here	
Color	white	
Insulation material	Polyamide (PA66)	
Fire class per EN 50575	E _{ca}	
Contact material	Copper or copper alloy; surface-treated	
Contact plating	Tin	
Fire load	208.828 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	



Material data

Weight	691.9 g
Copper weight of the pipe	0.043 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

eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454320942
Customs tariff number	85444290900

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	774-9993/016-702		

Documentation			
Bid Text			
774-9993/016-702	19.02.2019	xml 2.97 KB	
774-9993/016-702	07.01.2015	doc 23.00 KB	

CAD/CAE-Data			
CAE data			
EPLAN Data Portal	774-9993/016-702		
WSCAD Universe	774-9993/016-702		