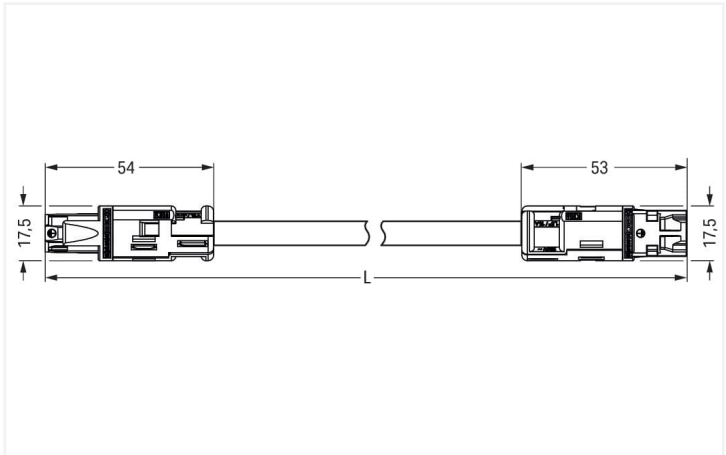




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD rated current 16 A

For signal and power transmission: The WINSTA® RD cable assembly with protection against mismatching. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismatching. The pluggable installation connector is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). The WINSTA® RD features a round design that is ideal for installation in conduits with an inner diameter of 20 mm, such as in construction of prefabricated houses. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings, too. For houses with average safety requirements, cable assemblies with fire class E are suitable. Not using halogen additives in the manufacture of this cable assembly substantially improves fire safety and minimises environmental contamination.

Fast, error-free assembly thanks to cable assemblies from WAGO

A socket and a plug are available. The WINSTA® Pluggable Connection System is perfectly tailored to the very 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 decreases assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with strain relief hosting from WAGO.

- pluggable installation connectors with protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with A coding for a great number of applications
- custom-engineered solutions
- rapid, structured electrical installation

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	
Overtoltage 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		4	
		Connection 1	
		Pole number	4
		Sheathed cable diameter	8.4 ... 10.5 mm
		Wire cross-section	1.5 mm²
		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			
Application		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	
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		black	
Insulation material		Polyamide (PA66)	
Fire class per EN 50575		E _{ca}	
Contact material		Copper or copper alloy; surface-treated	
Contact plating		Tin	
Fire load		208.824 MJ	
Connector color		black	
Strain relief color		black	
Sheathed cable color		black	
Printing color of sheathed cable		white	
Halogen-free		Yes	
Silicon-free		Yes	
Sheath material		Halogen-free	
Rubber cable		No	



Material data

Weight	835.3 g
Copper weight of the pipe	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

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	4045454345747
Customs tariff number	85444290900

Environmental Product Compliance

RoHS Compliance Status	Compliant, No Exemption
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Approvals / Certificates

General approvals	Declarations of conformity and manufacturer's declarations
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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	774-9994/016-701		

Documentation			
Bid Text			
774-9994/016-701	19.02.2019	xml 2.97 KB	
774-9994/016-701	08.01.2015	doc 23.50 KB	

CAD/CAE-Data			
CAE data			
EPLAN Data Portal	774-9994/016-701		
WSCAD Universe	774-9994/016-701		