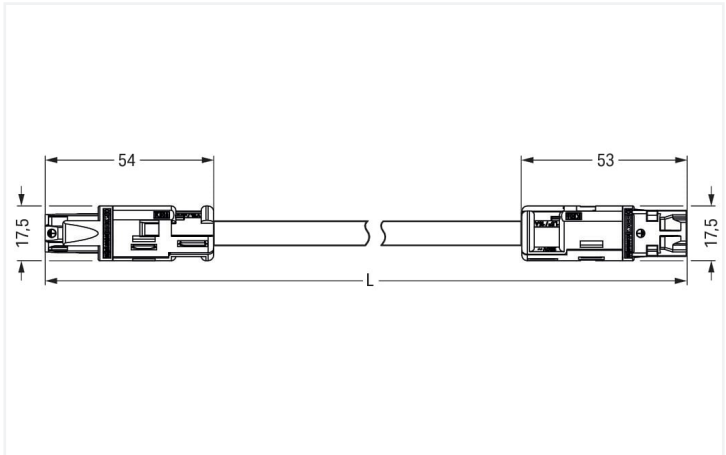




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection type IP20

The WINSTA® RD cable assembly rated current 16 A supports fast, reliable installation. 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 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!)). With WINSTA® RD, we have introduced a product line that fits perfectly into boreholes or conduits due to its design. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The required safety requirements in connection with EU CPR are met by this product through fire class E. Eliminating halogens as an additive in the production of this cable assembly significantly increases fire safety and reduces environmental pollution.

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

The cable is pre-assembled with a socket and a plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It allows error-free installation of cables and components, quickly and reliably. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in many general mains applications
- 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			General information	
Overvoltage category	III	III	II		Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2			
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 number	3
		Sheathed cable diameter	7.4 ... 9.4 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	5 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	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	148.824 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	496.9 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	4045454320898
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
774-9993/016-501

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Documentation

Bid Text

774-9993/016-501	19.02.2019	xml 2.97 KB	↓
774-9993/016-501	07.01.2015	doc 23.00 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal
774-9993/016-501

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WSCAD Universe
774-9993/016-501

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1 Compatible Products

1.1 Optional Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: [897-2001](#)

Protective cap; Type1; for sockets and
plugs; PVC; red