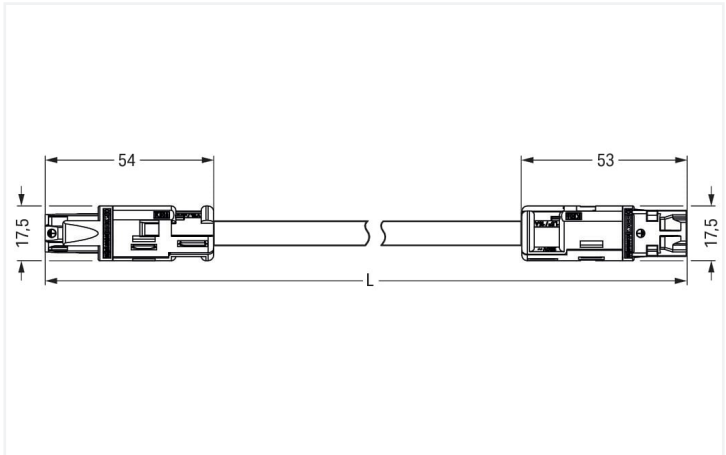




Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® RD 3-pole

The *WINSTA*® RD cable assembly with protection type IP20 is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. 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 offers touch-proof protection 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!)). The *WINSTA*® RD offers a round design that is ideal for installation in conduits with an inner diameter of 20 mm, for example in construction of prefabricated houses. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials do not easily ignite.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are available. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers 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 marking 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 applications
- ready for immediate use
- fast, secure 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	
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 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	1 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 <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)	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	28.824 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	106.9 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	4045454320805
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 774-9993/016-101	
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Documentation

Bid Text

774-9993/016-101	19.02.2019	xml 2.97 KB	
774-9993/016-101	07.01.2015	doc 23.00 KB	

CAD/CAE-Data

CAE data

EPLAN Data Portal 774-9993/016-101	
WSCAD Universe 774-9993/016-101	

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