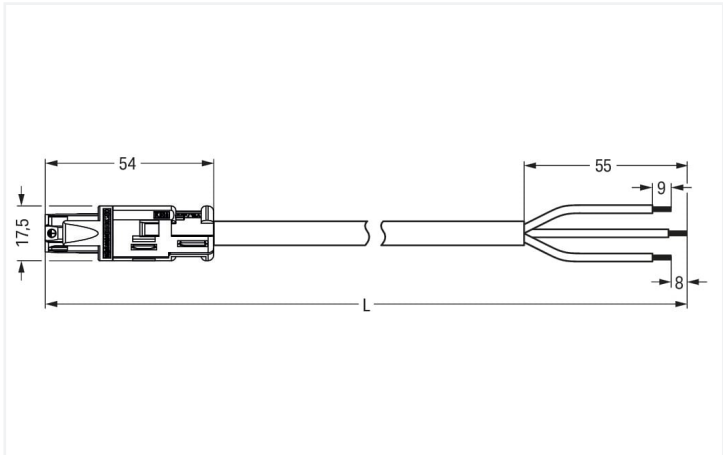




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD 3-pole

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly rated current 16 A. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. 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 contact elements. The WINSTA® RD offers a round design that is perfect for use in conduits with an inner diameter of 20 mm, for example in the prefabricated house sector. This product meets all the relevant safety requirements of fire class E; thus it can be used in areas where fire safety is relevant. Eliminating halogens as an additive in the production of this cable assembly significantly improves fire safety and reduces environmental pollution.

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

The cable assembly is equipped with a socket and a free end. The WINSTA® Pluggable Connection System is ideally 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 installation errors at the construction site. Now you can also cut installation expenses without compromising quality and safety: with strain relief hosting reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismating
- saves time, since no wiring is required at the construction site
- with A coding for use in a large number of general mains applications
- exact dimensions
- 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
PE function	Preceding PE contact
Conductor preparation	ultrasonically tip-bonded

Connection 1

Strip length	9 mm / 0.35 inches
Pole number	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm ²
Strip length (outer insulation)	55 mm
Connection type	Socket - free end

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 - free end
Type of pre-assembled cable	Connecting 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>W/INSTA</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	149.399 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes



Material data	
Sheath material	Halogen-free
Rubber cable	No
Weight	492.7 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	4045454323103
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals			Declarations of conformity and manufacturer's declarations		
CCA CCA CCA KEMA KEUR KEMA KEUR KEMA KEUR			Approval	Standard	Certificate Name
CCA	-	NTR NL 6374	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA	EN 61535	NTR NL-7969	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA	EN 61984	NTR NL-7848			
KEMA/KEUR	EN 61535	71-123229			
KEMA/KEUR	EN 61984	71-114944			
KEMA/KEUR	-	2118353.01			



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
774-9993/116-501

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Documentation

Bid Text			
774-9993/116-501	19.02.2019	xml 3.04 KB	↓
774-9993/116-501	07.01.2015	doc 23.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
774-9993/116-501

↓

CAE data

EPLAN Data Portal
774-9993/116-501

↓

WSCAD Universe
774-9993/116-501

↓

ZUKEN Portal
774-9993/116-501

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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