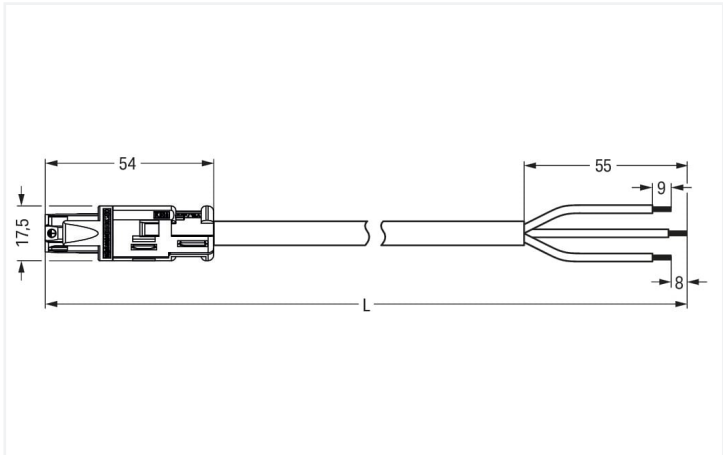




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD 3-pole

The WINSTA® RD cable assembly rated current 16 A provides the foundation for assembly of fine-stranded and solid conductors. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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!)). With WINSTA® RD, we have introduced a product line that fits like a glove into conduits or boreholes thanks to its design. This product meets all the mandatory fire protection requirements of fire class E; as a result it can be used in domains where fire safety is relevant. In the manufacturing of this cable assembly, we eliminated the use of halogen. This is an important contribution to climate protection.

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

The cable is pre-assembled 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 thus more efficient, even more reliable, and error-free. Using this pre-assembled system reduces assembly times and errors during installation at the construction site. Now you can also reduce installation costs without compromising quality and safety: with marking reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in many general mains applications
- custom-engineered solutions
- rapid, structured electrical installation

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
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	2 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	59.399 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	200.2 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	4045454323042
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 DEKRA Certification B.V.	-	NTR NL 6374
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
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
774-9993/116-201

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Documentation

Bid Text			
774-9993/116-201	19.02.2019	xml 3.04 KB	↓
774-9993/116-201	07.01.2015	doc 23.50 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
774-9993/116-201

↓

CAE data

EPLAN Data Portal
774-9993/116-201

↓

WSCAD Universe
774-9993/116-201

↓

ZUKEN Portal
774-9993/116-201

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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