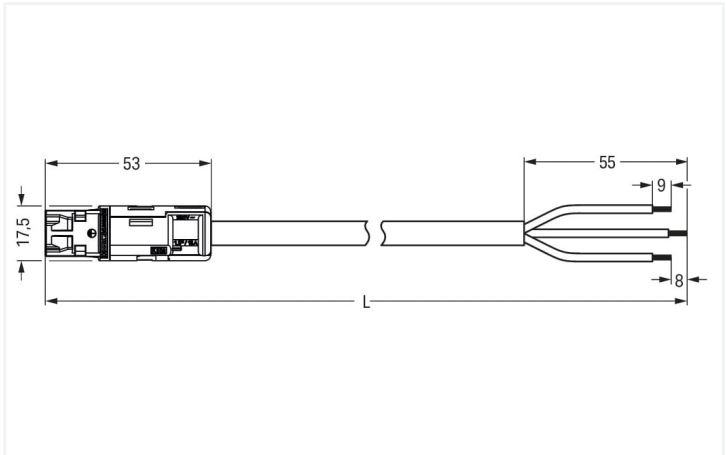




Color: white



Dimensions in mm

Cable assembly WINSTA® RD A coding

For signal and power transmission: The WINSTA® RD cable assembly 3-pole. 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 in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). That results in the fact that users' fingers will never come into contact with live contact elements. This pluggable installation connector can be used for a current load of up to 20 A. As a result, it can also be used for high power loads. The WINSTA® RD offers a round design that is very good for use in conduits with an inner diameter of 20 mm, for example in construction of prefabricated houses. This product meets all the mandatory safety requirements of fire class E; therefore it can be used in areas where fire safety is relevant. Eliminating halogens as an additive in the manufacture of this cable assembly noticeably improves fire safety and minimises environmental contamination.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a plug and a free end. WINSTA® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose durability and quality – with marking from WAGO makes the installation of electrical components substantially easier.

- protection against mismatching eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- with A coding for a great number of applications
- ready for immediate use
- 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	
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	20 A	-	-	-		



Connection data			
Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Strip length	9 mm / 0.35 inches
Conductor preparation	ultrasonically tip-bonded	Pole number	3
		Sheathed cable diameter	9.2 ... 11.4 mm
		Wire cross-section	2.5 mm²
		Strip length (outer insulation)	55 mm
		Connection type	Plug - free end

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	8 m

Mechanical data	
Use	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	Plug - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G2.5
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 of plug-in connection	Locking lever

Material data	
Note (material data)	Information on material specifications can be found here
Color	white
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	239.472 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free



Material data	
Rubber cable	No
Weight	1188.5 g
Copper weight of the pipe	0.072 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	4045454324919
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 KEMA KEUR KEMA KEUR KEMA KEUR					
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61535	NTR NL-7969	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7848	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
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.	-	2118353.02			



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	774-9993/217-802		↓

Documentation			
Bid Text			
774-9993/217-802	19.02.2019	xml 2.92 KB	↓
774-9993/217-802	08.01.2015	doc 24.00 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models	774-9993/217-802	EPLAN Data Portal	774-9993/217-802
	↓		↓
		WSCAD Universe	774-9993/217-802
			↓
		ZUKEN Portal	774-9993/217-802
			↓