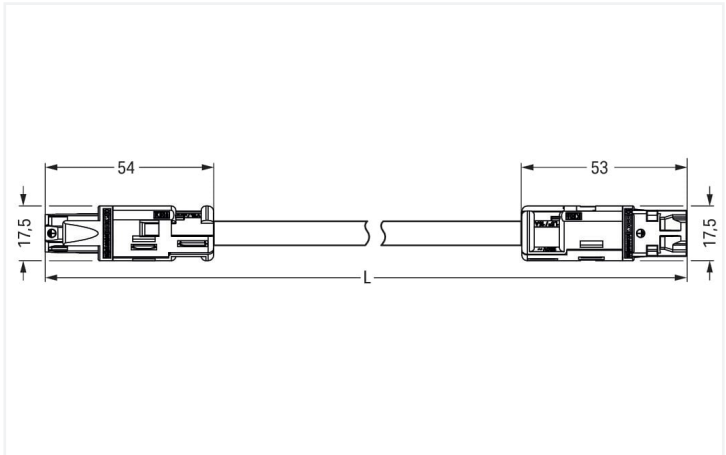




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection against mismating

The WINSTA® RD cable assembly A coding supports fast, reliable installation. For greater protection in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector offers protection against contact 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 invented a product line that fits perfectly into boreholes or conduits thanks to its design. This product meets all the mandatory 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 manufacture of this cable assembly substantially increases fire safety and minimises environmental contamination.

Pluggable connections instead of screw connections – cable assemblies from WAGO

A socket and a plug are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Choose quality and durability – with fire class E from WAGO makes the installation of electrical components substantially easier.

- protection against mismating eliminates errors
- saves time, since no wiring is required at the construction site
- suitable for any application
- ready to install and use immediately
- 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		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	250 V	-	-	
Rated surge voltage	4 kV	-	-	
Rated current	16 A	-	-	

General information	
Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket

Connection data

Total number of potentials	4	Connection 1	
		Pole number	4
		Sheathed cable diameter	8.4 ... 10.5 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	N 2 1
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 4G1.5
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	127.3 g
Copper weight of the pipe	0.058 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	4045454345617
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	774-9994/016-101		

Documentation			
Bid Text			
774-9994/016-101	19.02.2019	xml 2.97 KB	
774-9994/016-101	08.01.2015	doc 23.50 KB	

CAD/CAE-Data			
CAE data			
EPLAN Data Portal	774-9994/016-101		
WSCAD Universe	774-9994/016-101		