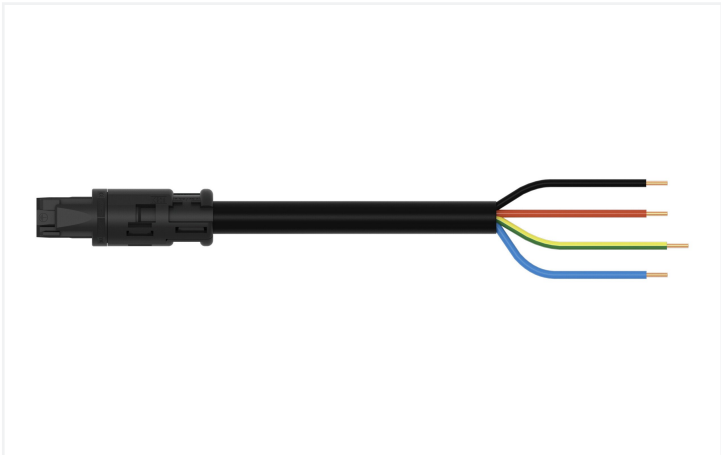
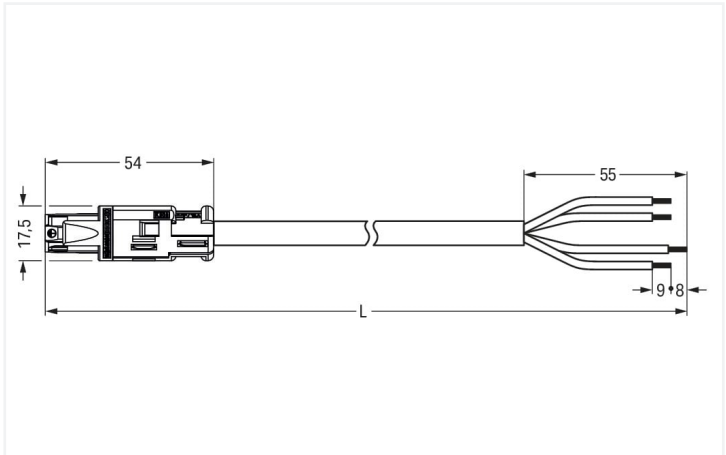




Color: ■ black



Dimensions in mm

Cable assembly *WINSTA*® RD rated current 16 A

The *WINSTA*® RD cable assembly with protection against mismatching is the pluggable solution for your application in control cabinets, for lighting connections or on PCBs. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismatching. 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!)). The *WINSTA*® RD features a round design that is perfect for use in conduits with an inner diameter of 20 mm, for example in construction of prefabricated houses. According to the European CPR, the fire class of the cables used in construction is critical for building safety as well. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

The cable assembly is provided with a socket and a free end. The *WINSTA*® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Now you can also cut installation expenses without compromising safety and quality: with protection against mismatching reduces the need for servicing and prevents unnecessary downtime.

- protection against mismatching eliminates errors
- saves time, since no wiring is required at the construction site
- suitable for any application
- ready for immediate use
- 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	4	Connection 1	
Conductor preparation	ultrasonically tip-bonded	Strip length	9 mm / 0.35 inches
		Pole number	4
		Sheathed cable diameter	8.4 ... 10.5 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	8 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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-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>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	239.413 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes



Material data	
Sheath material	PVC
Rubber cable	No
Weight	1045.1 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	4045454345945
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    <table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>CCA DEKRA Certification B.V.</td><td>-</td><td>NTR NL 6374</td></tr><tr><td>CCA DEKRA Certification B.V.</td><td>EN 61535</td><td>NTR NL-7969</td></tr><tr><td>CCA DEKRA Certification B.V.</td><td>EN 61984</td><td>NTR NL-7848</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>EN 61535</td><td>71-123229</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>EN 61984</td><td>71-114944</td></tr><tr><td>KEMA/KEUR DEKRA Certification B.V.</td><td>-</td><td>2118353.01</td></tr></table>		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	<table><tr><th>Approval</th><th>Standard</th><th>Certificate Name</th></tr><tr><td>EU-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr><tr><td>UK-Declaration of Confor- mity WAGO GmbH & Co. KG</td><td>-</td><td>-</td></tr></table>	Approval	Standard	Certificate Name	EU-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-	UK-Declaration of Confor- mity WAGO GmbH & Co. KG	-	-
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Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance	774-9994/106-801		

Documentation			
Bid Text			
774-9994/106-801	19.02.2019	xml 3.02 KB	
774-9994/106-801	08.01.2015	doc 24.00 KB	

CAD/CAE-Data			
CAE data			
EPLAN Data Portal	774-9994/106-801		
WSCAD Universe	774-9994/106-801		