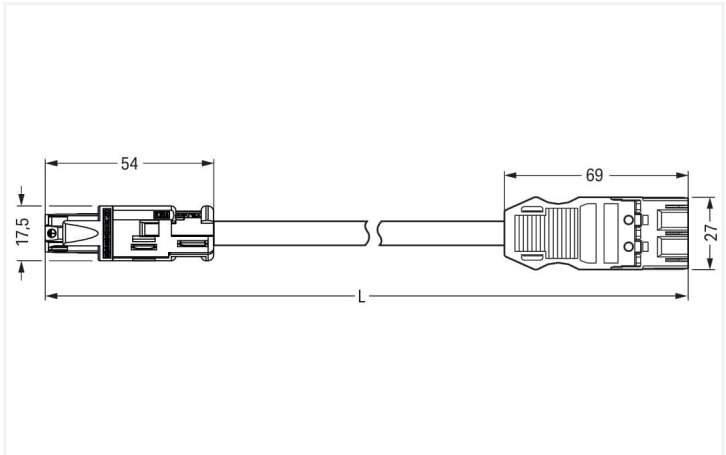




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection type IP20

The WINSTA® RD cable assembly rated current 20 A supports fast, reliable installation. 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 is protected against ingress by solid objects in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). This pluggable installation connector can be employed for a current load of up to 20 A. Thus, it can also be used for high power loads. WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. This product meets all the relevant safety requirements of fire class E; thus it can be used in domains where fire safety is relevant.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable assembly is provided with a RD socket and a MIDI plug. 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 decreases assembly times and installation errors at the construction site. Choose durability and quality – with marking from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in a large number of general mains applications
- exact dimensions
- convenient installation and commissioning

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	20 A	-	-			



Connection data	
Total number of potentials	3
Connection 1	
Pole number	3
Sheathed cable diameter	9.2 ... 11.4 mm
Wire cross-section	2.5 mm²
Connection type	RD socket - MIDI plug
Physical data	
Width	27 mm / 1.063 inches
Height	17.5 mm / 0.689 inches
Total length	3 m
Mechanical data	
Application	General mains applications
Coding	A
Marking	L N
Potential marking	N L
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	RD socket - MIDI plug
Type of pre-assembled cable	Adapter cable
Cable type	H05VV-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 WINSTA® 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	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	89.131 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No



Material data		
Weight		488.5 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		4050821572398
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					
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			



Downloads

Environmental Product Compliance

Compliance Search			
Environmental Product Compliance			↓
774-9993/1507-301			

Documentation

Bid Text			
774-9993/1507-301	19.02.2019	xml 2.95 KB	↓
774-9993/1507-301	19.02.2015	doc 23.50 KB	↓

CAD/CAE-Data

CAE data	
EPLAN Data Portal	↓
774-9993/1507-301	

1 Compatible Products

1.1 Required Accessories

1.1.1 Cover

1.1.1.1 Cover



Item No.: 770-360
Lockout cap; for plugs; 5-pole; separable;
yellow

1.1.2 Locking system

1.1.2.1 Locking system



Item No.: 770-101
Locking lever; for flying leads; for manual
operation; black



Item No.: 770-121
Locking lever; for flying leads; for manual
operation; white



Item No.: 770-111
Locking lever; for flying leads; for tool
operation; black



Item No.: 770-131
Locking lever; for flying leads; for tool
operation; white

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com