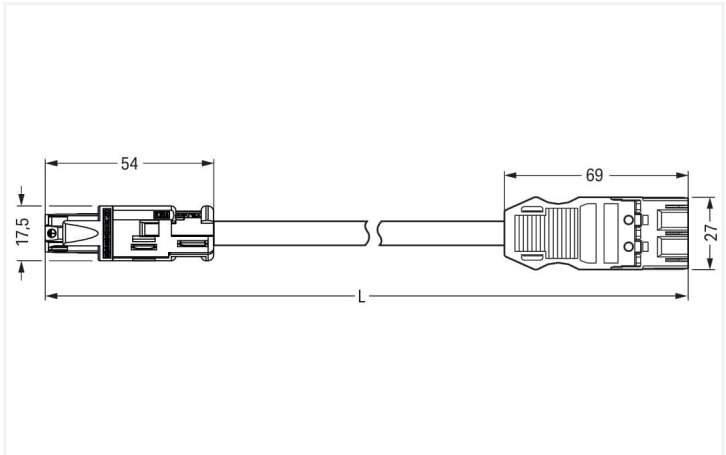




Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with strain relief

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly rated current 20 A. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. 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 used for a current load of up to 20 A. Thus, it can also be used for high power loads. The WINSTA® RD offers a round design that is very good for installation in conduits with an inner diameter of 20 mm, such as in construction of prefabricated houses. Anyone who needs to take into account technical safety requirements related to fire protection for electrical installation should be able to rely on the quality of the components. Our product meets the strict safety standards of fire class B2. In the production of this cable assembly, halogens were deliberately omitted. This is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

A RD socket and a MIDI plug are available. The WINSTA® Pluggable Connection System is ideally tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and therefore faster, even more reliable, and error-free. Use of this pre-assembled system reduces assembly times and errors during installation at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with strain relief hosting from WAGO.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- with A coding for use in a large number of general mains applications
- exact dimensions
- fast, secure 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		
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	6 m	

Mechanical data		
Application	General mains applications	
Coding	A	
Variable coding	No	
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	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	black	
Insulation material	Polyamide (PA66)	
Flammability class per UL94	V0	
Fire class per EN 50575	B2 _{ca}	
Contact material	Copper or copper alloy; surface-treated	
Contact plating	Tin	
Fire load	0.481 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	



Material data

Rubber cable	No
Weight	966.7 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

ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143780162
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		
  					
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 774-9293/1517-601

