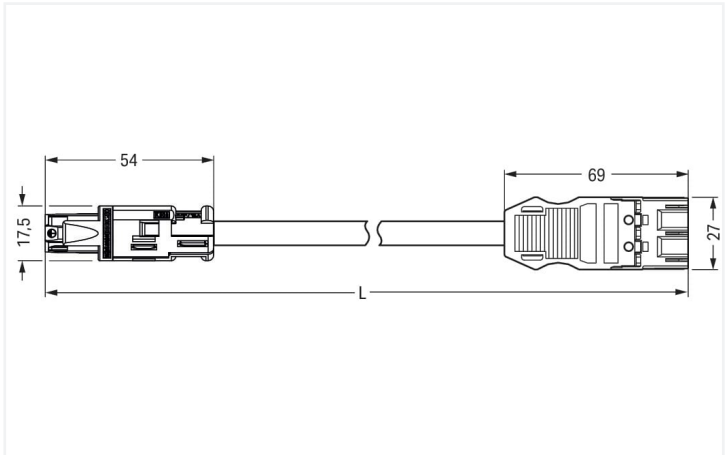




Color: ■ brown



Dimensions in mm

Cable assembly WINSTA® RD 3-pole

The WINSTA® RD cable assembly with protection type IP20 is the pluggable solution for your application in control cabinets, on PCBs or for lighting connections. 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!)). This means that users' fingers will never come into contact with energised contact elements. WINSTA® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. 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 important safety standards of fire class B2. The cable assembly is free of halogen. This eliminates the addition of environmental pollutants during production. It also increases the fire class, since halogen-free materials are flame-resistant.

Fast, error-free assembly thanks to cable assemblies from WAGO

The cable assembly is provided with a RD socket and a MIDI plug. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, more reliable, and error-free. Use of this pre-assembled system decreases time spent on assembly and installation errors 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 protection type IP20 from WAGO.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- with S coding for AC applications of distributed components
- exact dimensions
- 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		16 A	-	-		



Connection data			
Total number of potentials		3	
		Connection 1	
		Pole number	3
		Sheathed cable diameter	7.4 ... 9.4 mm
		Wire cross-section	1.5 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		Switching function	
Coding		S	
Variable coding		No	
Marking		1 2 L	
Potential marking		L 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		RD socket - MIDI plug	
Type of pre-assembled cable		Adapter cable	
Cable type		H05Z1Z1-F 3x1.5	
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		brown	
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		0.487 MJ	
Connector color		brown	
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	317.5 g
Copper weight of the pipe	0.043 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	4055143798280
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									
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									
		<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 774-9273/1516-305	