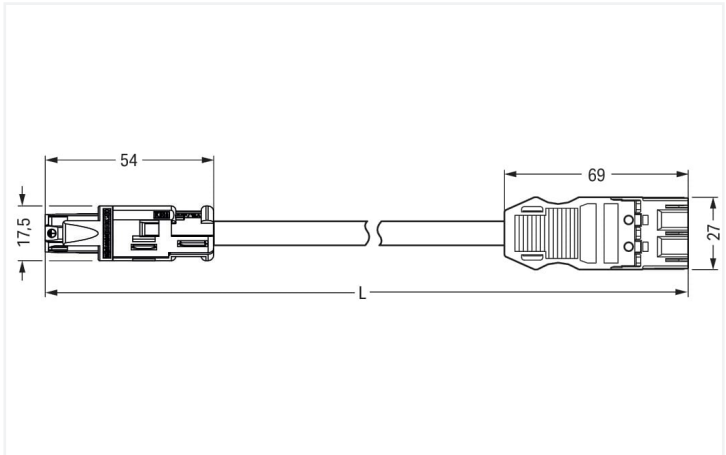




Color: ■ brown



Dimensions in mm

Cable assembly WINSTA® RD with strain relief

The WINSTA® RD cable assembly 3-pole is the pluggable solution for your use in control cabinets, for lighting connections or on PCBs. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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 elements. The WINSTA® RD offers a round design that is very good for use in conduits with an inner diameter of 20 mm, such as in construction of prefabricated houses. If you need to meet stricter safety standards, you should use cables with fire class B2. These are suitable for use in buildings with very high demands on safety. Eliminating halogens as an additive in the production of this cable assembly noticeably improves fire safety and reduces environmental contamination.

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

The cable is pre-assembled 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 consequently more efficient, even more reliable, and error-free. Use of this pre-assembled system reduces time spent on assembly and errors during installation at the construction site. Now you can also cut installation expenses without compromising quality and safety: with marking reduces the need for servicing and prevents unnecessary downtime.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- with S coding for AC applications of distributed components
- ready for immediate use
- 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	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		6 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	620.5 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	4055143809214
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
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 774-9273/1516-605	