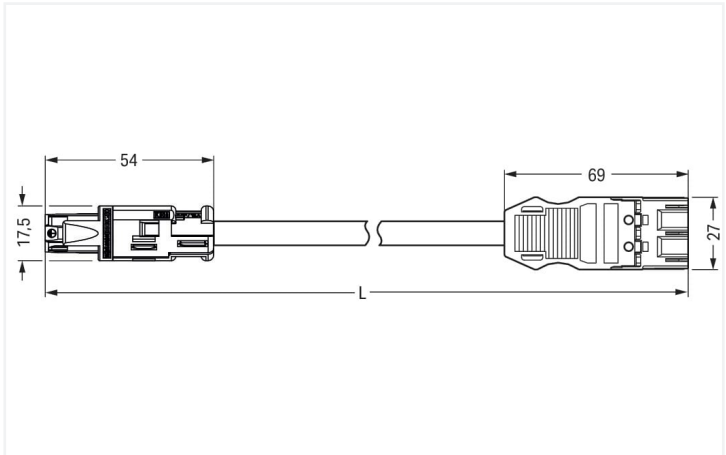




Color: ■ brown



Dimensions in mm

Cable assembly WINSTA® RD with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly rated current 16 A. For greater protection in electrical installations, the pluggable installation connector is equipped with mechanical protection against mismating. 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!)). With WINSTA® RD, we have introduced a product line that fits optimally into boreholes or conduits due to its design. According to the European CPR, the fire class of the cables used for construction is critical for the safety of buildings, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable.

Pluggable connections instead of screw connections – cable assemblies from WAGO

The cable is pre-assembled with a RD socket and a MIDI plug. WINSTA® is the pluggable connection system that is ideally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. 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.

- pluggable installation connectors with protection against mismating
- saves time, since no wiring is required at the construction site
- with S coding for use in components such as motors or frequency converters
- flexible installation to save space
- 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		
Pollution degree	3	2	2		
Nominal voltage	250 V	-	-		
Rated surge voltage	4 kV	-	-		
Rated current	16 A	-	-		
				Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket



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		5 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		H05VV-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)	
Fire class per EN 50575		E _{ca}	
Contact material		Copper or copper alloy; surface-treated	
Contact plating		Tin	
Fire load		149.137 MJ	
Connector color		brown	
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	507.7 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	
Product Group	20 (Winsta)
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	4050821489498
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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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			↓
774-9973/1506-505			

Documentation

Bid Text			
774-9973/1506-505	19.02.2019	xml 2.95 KB	↓
774-9973/1506-505	19.02.2015	doc 24.00 KB	↓

CAD/CAE-Data

CAE data			
WSCAD Universe			↓
774-9973/1506-505			

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



1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



Item No.: 770-401
Coding pin; for plugs; Plastic; gray