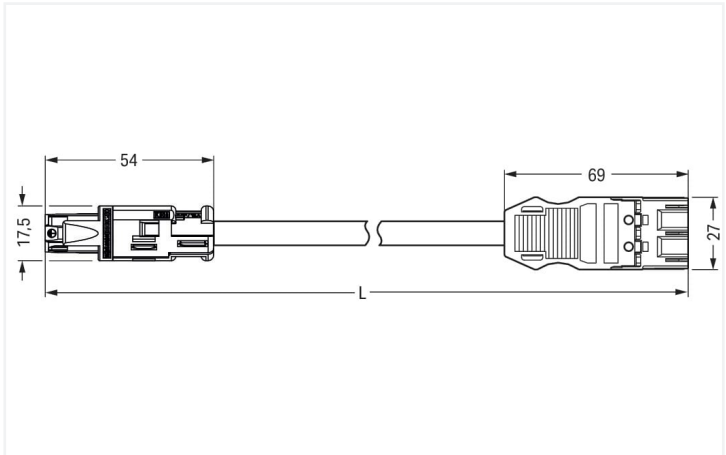




Color: ■ brown



Dimensions in mm

Cable assembly *WINSTA*® RD 3-pole

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® RD cable assembly 3-pole. 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!)). *WINSTA*® RD: Solutions from this product line are suitable for drill holes and conduits with diameters up to 20 mm. Building safety must be ensured at all times, even after the electrical installation stage. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

Fast, secure pluggable connections – cable assemblies from WAGO

A RD socket and a MIDI plug are provided. *WINSTA*® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Choose durability and quality – with protection type IP20 from WAGO makes the electrical installation of electrical components significantly easier.

- effective protection against mismatching
- saves time, since no wiring is required at the construction site
- for AC applications
- custom-engineered solutions
- convenient installation and commissioning

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	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Overvoltage category	III	III	II			
Pollution degree	3	2	2			
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		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		89.137 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	310.7 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

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	4050821489474
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		
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			↓
774-9973/1506-305			

Documentation

Bid Text			
774-9973/1506-305	19.02.2019	xml 2.95 KB	↓
774-9973/1506-305	19.02.2015	doc 24.00 KB	↓

CAD/CAE-Data

CAE data	
WSCAD Universe	↓
774-9973/1506-305	

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