

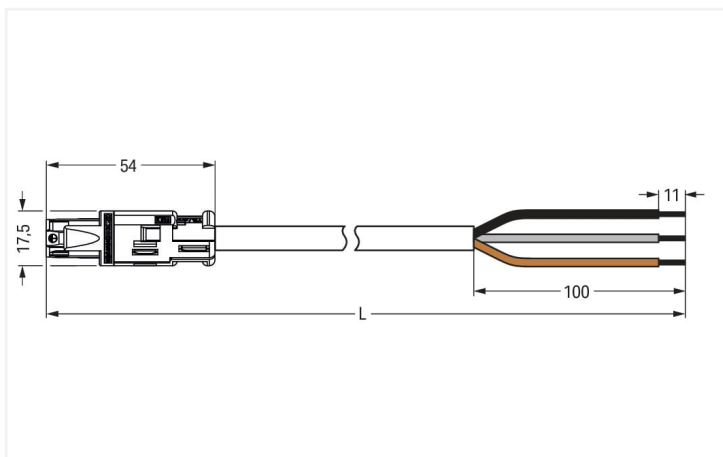
Data Sheet | Item Number: 774-9973/106-505

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. S; H05VV-F 3 x 1.5 mm²; 5 m; 1,50 mm²; brown

<https://www.wago.com/774-9973/106-505>



Color: ■ brown



Dimensions in mm



Cable assembly WINSTA® RD with protection type IP20

The WINSTA® RD cable assembly rated current 16 A provides the foundation for assembly of fine-stranded and solid conductors. The mechanical coding and color 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!)). That results in the fact that users' fingers will never come into contact with electrified elements. With WINSTA® RD, we have introduced a product line that fits optimally into conduits or boreholes thanks to its design. Of course, the safety of buildings must always be ensured, even after the electrical installation has been performed. The mandatory safety requirements in connection with EU CPR are met by this product through fire class E.

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

The cable is pre-assembled with a socket and a free end. WINSTA® is the pluggable connection system that is optimally tailored to the strict requirements of electrical installation. It ensures error-free installation of cables and components, quickly and reliably. Choose quality and durability – with protection against mismatching from WAGO makes the electrical installation of electrical components noticeably easier.

- pluggable installation connectors with protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- for AC applications
- 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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		250 V	-	-
Rated surge voltage		4 kV	-	-
Rated current		16 A	-	-

General information	
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
Conductor preparation	ultrasonically tip-bonded

Connection 1	
Strip length	11 mm / 0.43 inches
Pole number	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm²
Strip length (outer insulation)	100 mm
Connection type	Socket - free end

Physical data	
Width	17.5 mm / 0.689 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
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	Socket - free end
Type of pre-assembled cable	Connecting 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 <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 lever	Yes
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	149.354 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
Weight	497.5 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	4055143319041
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 EUR KEMA EUR		
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 774-9973/106-505	

Documentation

Bid Text			
774-9973/106-505	19.02.2019	xml 3.03 KB	
774-9973/106-505	19.02.2015	doc 24.00 KB	



CAD/CAE-Data	
CAE data	
WSCAD Universe 774-9973/106-505	