

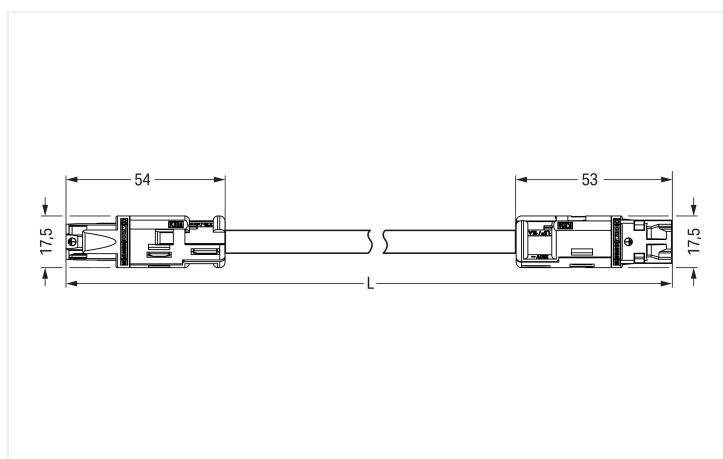
Data Sheet | Item Number: 774-9993/006-302

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05VV-F
3G 1.5 mm²; 3 m; 1,50 mm²; white

<https://www.wago.com/774-9993/006-302>



Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® RD with strain relief

The *WINSTA*® RD cable assembly rated current 16 A is the pluggable solution for your use in control cabinets, on PCBs or for lighting connections. WAGO pluggable installation connectors are useful when specifications repeat or are distributed on a specified pattern, for example for installing grid lighting or flush-mount lighting. The coding options reduce installation errors, allowing fast, secure wiring of all components. The pluggable installation con-



ector 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 live elements. The WINSTA® RD features a round design that is perfect for use in conduits with an inner diameter of 20 mm, such as in the prefabricated house sector. According to the European CPR, the fire class of the cables used for construction is critical for building safety as well. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a plug are available. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This saves time, lowers costs, and reduces the need for servicing. Now you can also reduce installation costs without compromising quality and safety: with locking lever reduces the need for servicing and prevents unnecessary downtime.

- pluggable installation connectors with protection against mismating
- saves time, since no wiring is required at the construction site
- with A coding for a great number of uses
- custom-engineered solutions
- 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		Note on contact resistance	approx. 1 mΩ of contact resistance approx. 0.25 mΩ contact transition plug/ socket
Pollution degree	3	2	2			
Nominal voltage	250 V	-	-			
Rated impulse withstand voltage	4 kV	-	-			
Rated current	16 A	-	-			

Connection Data					
Total number of potentials	3			Connection 1	
PE function	Preceding PE contact			Pole number	3
				Wire cross-section	1.5 mm²
				Connection type	Socket - Plug

Physical data		
Width	17.5 mm / 0.689 inches	
Height	17.5 mm / 0.689 inches	
Total length	3 m	

Mechanical data	
Use	General mains applications
Coding	A
Variable coding	No
Marking	L ⊕ N
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 - Plug
Type of pre-assembled cable	Interconnecting cable
Cable type	H05VV-F 3G1.5



Mechanical data

Protection type	IP20; When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)
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Plug-in connection

Mismating protection	Yes
Note on mismating protection	All W/INSTA® 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	white
Insulation material (main housing)	Polyamide (PA66)
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Contact Plating	Tin
Fire load	88.918 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	No
Silicon-free	Yes
Sheath material	PVC
Rubber cable	No
Weight	308.1 g
Copper weight of the raw cable	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

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454320522
Customs tariff number	85444290900



Product Classification	
UNSPSC	26121629
eCl@ss 10.0	27-44-06-04
eCl@ss 9.0	27-44-06-04
ETIM 9.0	EC002587
ETIM 10.0	EC002587
ECCN	NO US CLASSIFICATION

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 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
KEMA/KEUR DEKRA Certification B.V.	-	2118353.01
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 774-9993/006-302	

Documentation			
Bid Text			
774-9993/006-302	19.02.2019	xml 2.95 KB	
774-9993/006-302	07.01.2015	doc 23.00 KB	



CAD/CAE-Data	
CAE data	
EPLAN Data Portal 774-9993/006-302	
WSCAD Universe 774-9993/006-302	