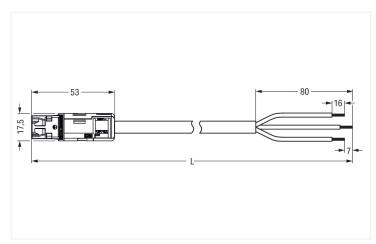
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pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A; H05VV-

F 3G 2.5 mm²; 5 m; 2,50 mm²; black https://www.wago.com/774-9993/3207-501







Color: ■ black

Cable assembly WINSTA® RD with protection against mismating

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly rated current 20 A. The mechanical coding and color coding of the pluggable installation connector ensure error-free installation of the individual components – including protection against mismating. The pluggable installation connector offers protection against contact with live components in accordance with protection type IP20 (When mated: IP2xC (These compact connectors are not designed for use in open, easily accessible areas!)). Important parameters in the selection of a pluggable installation connector are the rated current and voltage: They tell us about the product's domains of use. This product has a current rating of 20 A – therefore it is suitable for high power loads. WINSTA® RD: Solutions from this product line fit into drill holes and conduits with diameters up to 20 mm. According to the European CPR, the fire class of the cables used in construction is essential for building safety, too. For houses with average safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections - cable assemblies from WAGO

The cable assembly is equipped with a socket and a free end. The WINSTA® Pluggable Connection System allows pluggable electrical installation. This significantly reduces the need for servicing and lowers costs. Choose quality and durability – with marking from WAGO makes the installation of electrical components substantially easier.

- pluggable installation connectors with protection against mismating
- products perfectly tailored to your requirements guarantee safe use
- with A coding for use in many general mains applications
- exact dimensions
- fast, secure installation

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 m Ω of contact resistance
Pollution degree	3	2	2		approx. $0.25~\text{m}\Omega$ contact transition plug/socket
Nominal voltage	250 V	-	-		oodiot
Rated surge voltage	4 kV	-	-		
Rated current	20 A	-	-		



Connection data			
Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Strip length	16 mm / 0.63 inches
Conductor preparation	ultrasonically tip-bonded	Pole number	3
		Sheathed cable diameter	9.2 11.4 mm
		Wire cross-section	2.5 mm ²
		Strip length (outer insulation)	80 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	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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05VV-F 3G2.5
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	black
Insulation material	Polyamide (PA66)
Flammability class per UL94	V0
Fire class per EN 50575	E_ca
Contact material	Copper or copper alloy; surface-treated
Contact plating	Tin
Fire load	149.198 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes

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Material data		
Sheath material	PVC	
Rubber cable	No	
Weight	795 g	
Copper weight of the pipe	0.072 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	
ETIM 8.0	EC002587
ETIM 7.0	EC002587
PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4055143581035
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



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

Declarations of conformity and manufacturer's declarations

Approval	Standard	Certificate Name
EU-Declaration of Conformity WAGO GmbH & Co. KG	-	-
UK-Declaration of Conformity WAGO GmbH & Co. KG	-	-

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 $\label{thm:condition} \textbf{Subject to changes. Please also observe the further product documentation!}$