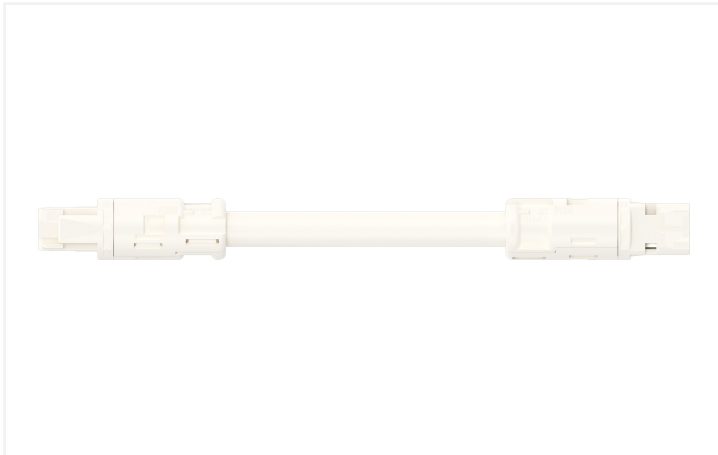


Data Sheet | Item Number: 774-9993/017-202

pre-assembled interconnecting cable; Eca; Socket/plug; 3-pole; Cod. A; H05Z1Z1-F
3G 2.5 mm²; 2 m; 2,50 mm²; white

<https://www.wago.com/774-9993/017-202>



Color: ■ white



Dimensions in mm

Cable assembly *WINSTA*® RD rated current 20 A

Use effective pluggable connections instead of laborious screw connections: With the *WINSTA*® RD cable assembly A coding. On PCBs, in control cabinets or for connecting lights – pluggable installation connectors from WAGO allow you to make connections according to an enormous variety of requirements in no time flat. The coding options reduce installation errors, allowing fast, maintenance-free wiring of all components. The pluggable instal-

lation 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!)). 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 – so it is also suitable for powerful loads. With *WINSTA*® RD, we have invented a product line that fits optimally into conduits or boreholes due to its design. According to the European CPR, the fire class of the cables used in construction is essential for the safety of buildings, too. For buildings with average safety requirements, cable assemblies with fire class E are suitable. The cable assembly is halogen-free. This eliminates the addition of environmental pollutants during production. It also achieves a higher fire class, since halogen-free materials are flame-resistant.

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

The cable assembly is equipped with a socket and a plug. 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 significantly easier.

- pluggable installation connectors with protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- with A coding for a large number of uses
- exact dimensions
- rapid, structured electrical 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 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	20 A	-	-		

Connection Data

Total number of potentials	3	Connection 1	
PE function	Preceding PE contact	Pole number	3
		Wire cross-section	2.5 mm ²
		Connection type	Socket - Plug

Physical data

Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	2 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

Mechanical data

Cable type	H05Z1Z1-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	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	58.824 MJ
Connector color	white
Strain relief color	white
Sheathed cable color	white
Printing color of sheathed cable	black
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	303 g
Copper weight of the raw cable	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

PU (SPU)	1 pcs
Packaging type	unpacked
Country of origin	DE
GTIN	4045454321000
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
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Approvals / Certificates

General approvals **Declarations of conformity and manufacturer's declarations**



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

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 774-9993/017-202	↓
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Documentation

Bid Text

774-9993/017-202	19.02.2019	xml 2.97 KB	↓
774-9993/017-202	08.01.2015	doc 23.00 KB	↓

CAD/CAE-Data

CAE data

EPLAN Data Portal
774-9993/017-202



WSCAD Universe
774-9993/017-202

