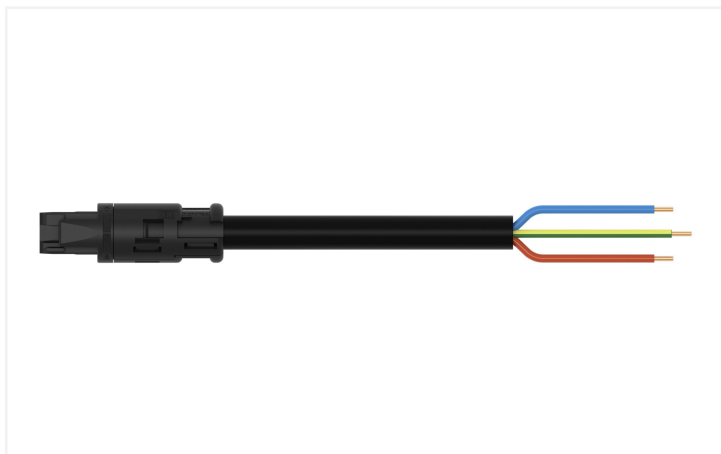


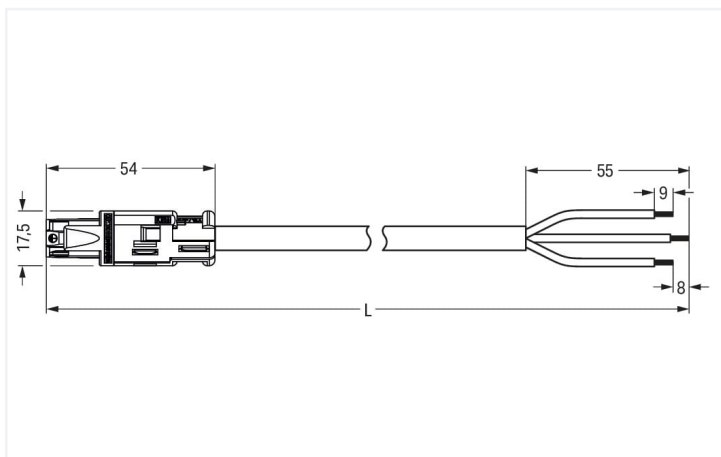
Data Sheet | Item Number: 774-9993/116-801

pre-assembled connecting cable; Eca; Socket/open-ended; 3-pole; Cod. A;
H05Z1Z1-F 3G 1.5 mm²; 8 m; 1,50 mm²; black

<https://www.wago.com/774-9993/116-801>



Color: ■ black



Dimensions in mm

Cable assembly WINSTA® RD with protection type IP20

Use effective pluggable connections instead of laborious screw connections: With the WINSTA® RD cable assembly with protection against mismating. For greater security in electrical installations, the pluggable installation connector is provided with mechanical protection against mismating. The pluggable installation connector offers touch-proof protection 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!)). With WINSTA® RD, we have introduced a product line that fits perfectly into conduits or boreholes due to its design. This product meets all the relevant safety requirements of fire class E; as a result it can be used in areas where fire safety is relevant. In the production of this cable assembly, halogens were deliberately omitted. That is an important contribution to climate protection.

Fast, secure pluggable connections – cable assemblies from WAGO

A socket and a free end are available. The WINSTA® Pluggable Connection System is perfectly tailored to the very strict requirements of building installation. It makes electrical installation pluggable, and thus faster, even more reliable, and error-free. Using this pre-assembled system reduces time spent on assembly and installation errors at the construction site. Enjoy the benefits of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with protection type IP20 from WAGO.

- protection against mismating eliminates errors
- products perfectly tailored to your requirements guarantee safe use
- for any mains application
- flexible installation to save space
- 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		
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	
PE function	Preceding PE contact	
Conductor preparation	ultrasonically tip-bonded	

Connection 1	
Strip length	9 mm / 0.35 inches
Pole number	3
Sheathed cable diameter	7.4 ... 9.4 mm
Wire cross-section	1.5 mm²
Strip length (outer insulation)	55 mm
Connection type	Socket - free end

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	8 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 - free end
Type of pre-assembled cable	Connecting cable
Cable type	H05Z1Z1-F 3G1.5
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 lever	Yes
Locking of plug-in connection	Locking lever

Material data

Note (material data)	Information on material specifications can be found here
Color	black
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	239.384 MJ
Connector color	black
Strain relief color	black
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	Yes
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	785.1 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	4045454323165
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 CCA   		
Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	-	NTR NL 6374
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 774-9993/116-801	

Documentation

Bid Text			
774-9993/116-801	19.02.2019	xml 3.04 KB	
774-9993/116-801	07.01.2015	doc 23.50 KB	



CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 774-9993/116-801	EPLAN Data Portal 774-9993/116-801
	WSCAD Universe 774-9993/116-801
	ZUKEN Portal 774-9993/116-801

1 Compatible Products
1.1 Optional Accessories
1.1.1 Cover
1.1.1.1 Cover



Item No.: 897-2001
Protective cap; Type1; for sockets and
plugs; PVC; red