

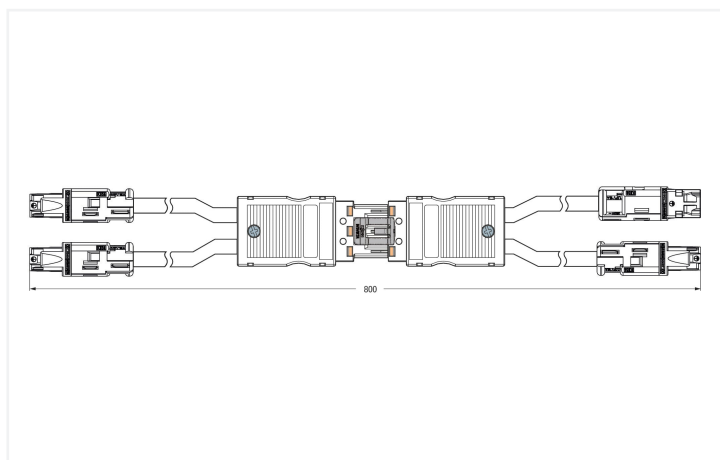
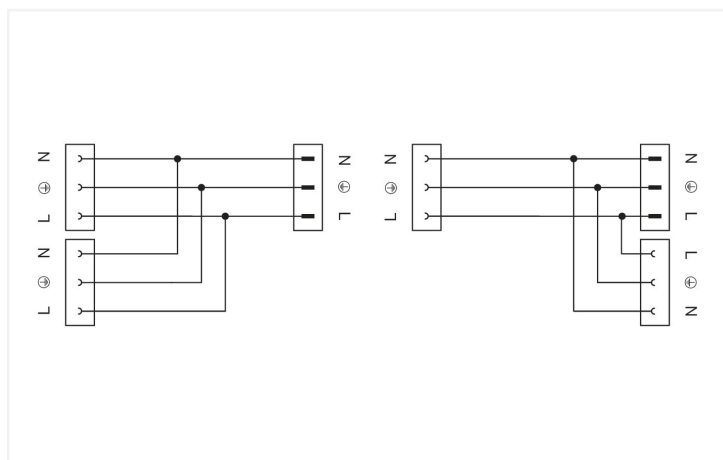
Data Sheet | Item Number: 774-5001/101-000

pre-assembled Y-cable; Eca; Cod. A; H05VV-F 3G 2.5 mm²; 0.8 m; 2,50 mm²; black

<https://www.wago.com/774-5001/101-000>



Color: ■ black



Cable assembly *WINSTA*® RD rated current 20 A

The *WINSTA*® RD cable assembly 3-pole supports fast, reliable installation. The coding options reduce installation errors, allowing fast, secure wiring of all components. 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!)). This means that users' fingers will never come into contact with live contact elements. The rated current and voltage are important criteria for selecting a pluggable installation connector: They tell us about the product's domains of use. This product has a current rating of 20 A – therefore it is suitable for robust loads. With *WINSTA*® RD, we have invented a product line that fits perfectly into boreholes or conduits due to its design. According to the European CPR, the fire class of the cables used for construction is essential for building safety, too. For houses with medium-level safety requirements, cable assemblies with fire class E are suitable.

Fast, secure pluggable connections – cable assemblies from WAGO

A RD socket are available. *WINSTA*® is the pluggable connection system that is perfectly tailored to the strict requirements of electrical installation. It offers fast, secure and, above all, error-free installation of components and cables. Take advantage of the pluggable version of our maintenance-free spring pressure connection technology too! Plan your installation with with fire class E from WAGO.

- effective protection against mismatching
- products perfectly tailored to your requirements guarantee safe use
- suitable for any application
- ready to install and use immediately
- 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	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	250 V	-	-
Rated surge voltage	4 kV	-	-
Rated current	20 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

Connection 1	
Pole number	3
Sheathed cable diameter	9.2 ... 11.4 mm
Wire cross-section	2.5 mm²
Connection type	RD socket

Connection 2	
Sheathed cable diameter 2	9.2 ... 11.4 mm
Wire cross-section (2)	2.5 mm²

Physical data	
Width	17.5 mm / 0.689 inches
Height	17.5 mm / 0.689 inches
Total length	0.8 m

Mechanical data	
Application	General mains applications
Coding	A
Coding 2	A
Variable coding	Yes
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	RD socket
Type of pre-assembled cable	Y-cable
Cable type	H05VV-F 3G2.5
Cable type 2	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
Fire class per EN 50575	E _{ca}
Contact material	Copper or copper alloy; surface-treated
Fire load	45.72 MJ
Sheathed cable color	black
Printing color of sheathed cable	white
Halogen-free	No
Silicon-free	Yes
Sheath material	Halogen-free
Rubber cable	No
Weight	302.5 g
Copper weight of the pipe	0.072 kg/m

Environmental requirements	
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
Country of origin	DE
GTIN	4066966301984
Customs tariff number	85444290900

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Downloads	
Environmental Product Compliance	
Compliance Search	
Environmental Product Compliance 774-5001/101-000	